

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1K 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 1.0	Depth Progress (ft) 1,158.00	Cum Time Log Sp (days) 0.50	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 660,456	Cum Field Est To Date (Cost) 660,456		
Start Depth (ftKB) 119.0	End Depth (ftKB) 1,277.0	Start Depth (TVD) (ftKB) 119.0	End Depth (TVD) (ftKB) 1,277.0	Target Depth (ftKB) 22,384	Target Formation Wolfcamp
Problem Time Hours (hr) 0.00	Cum Problem Time Hours (hr) 0.00	Percent Problem Time (%) 0.00	Cum Percent Problem Time (%) 0.00	Time Log - Problem Hours (hr) 15.50	Cum Up Time - Down Time (hr) 15.50

Operations at Report Time WAITING ON OTHER WELL OPS	Operations Next Report Period WAITING ON OTHER WELL OPS
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Operations Summary  
SKID RIG 20' F/ THE UL GENE PARMESAN 30BS T/ THE UL GENE PARMESAN 11UA, RIG BACK UP AFTER SKID, HOLD M/U SURFACE BHA, DRILL 13.5" SURFACE F/ 119' T/ 1,277', CIRCUALTE HOLE CLEAN, POOH, R/U AND RUN 10 3/4" SURFACE CASING T/1,257'. PERFORM OFFLINE CEMENT JOB SPUD @ 11:30AM ON 3/6/24  
RIG RELEASED TO UL GENE PARMESAN A4 29BS @23:30 HRS

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, & HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
08:00	10:30	2.50	93	Skid	SKID RIG 20' F/ THE UL GENE PARMESAN 30BS T/ THE UL GENE PARMESAN 11UA, RIG BACK UP AFTER SKID.
10:30	11:30	1.00	94	P/U BHA	HOLD PJSM: M/U SURFACE BHA.
11:30	16:00	4.50	2	Drilling	DRILL 13.5" SURFACE F/ 119' T/ 1277' ( 1,158' @ 257.3 FPH ) WOB- 35K, GPM- 1050, SPP- 2180, DIFF- 650, RPM- 70, TRQ- 20K.
16:00	16:30	0.50	5	Circ/Cond	CIRCULATE HOLE CLEAN.
16:30	17:15	0.75	6	Trip	POOH F/ 1,277' T/ BHA.
17:15	18:30	1.25	95	L/D BHA	HOLD PJSM: RACK BACK BHA.
18:30	22:00	3.50	12	CSG & CMT	HOLD PJSM: R/U AND RUN 10 3/4" SURFACE CASING, TOTAL OF 29 JTS & LAND OUT @ 1,257' WITH 50K ON CONDUCTOR.
22:00	23:30	1.50	12	CSG & CMT	CIRCULATE 1.5 CASING VOLUME WHILE R/D CASING EQUIPMENT. RELEASE & L/D LANDING JT, R/D CRT & L/D SAME. RIG RELEASED TO GENE PARMESAN 29 @ 23:30 HRS.
23:30	02:00	2.50	12	CSG & CMT	HELD PJSM, TEST LINES TO 3,000 PSI. PUMP 50 BBL FRESH WATER, PUMP 340 SKS - 144 BBLs OF 12 PPG LEAD CEMENT. PUMP 155 SKS- 37 BBLs OF 14.8 PPG TAIL CEMENT, DROP PLUG AND DISPLACE WITH 113 BBLs OF FRESH WATER, FINAL LIFT 350 PSI AND BUMPED PLUG WITH 850 PSI. RELEASED PRESSURE AND GOT BACK 0.5 BBL, FLOATS HELD, CIRCULATED 73 BBLs OF CEMENT TO SURFACE. TEST CASING TO 1000 PSI FOR 30 MINUTES, HELD SAME. BLEED OFF & SECURE WELL.

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft²)
06:00	Water Base	1,250.0	8.60			
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
06:30	Salt Base	5,700.0	9.70			
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
07:00	Pink Mud	7,000.0	9.20			
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
07:30	Salt Base	11,800.0	9.70			
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
08:00	Oil Base	22,384.0	12.20			
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
783.00	0.13	254.77	782.99	-1.71	-1.76	-1.27	0.22	-0.19	-32.35
878.00	0.13	46.47	877.99	-1.72	-1.72	-1.29	0.27	0.00	159.68
973.00	0.13	92.35	972.99	-1.52	-1.65	-1.11	0.11	0.00	48.29
1,068.00	0.13	18.87	1,067.99	-1.36	-1.55	-0.96	0.16	0.00	-77.35
1,206.00	0.31	28.72	1,205.99	-1.01	-1.07	-0.73	0.13	0.13	7.14

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	1	4/2/2021	1,068	4/4/2021	-1,067

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 2.0	Depth Progress (ft) 1,623.00	Cum Time Log Sp (days) 1.21	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 123,097	Cum Field Est To Date (Cost) 783,553
Start Depth (ftKB) 1,277.0	End Depth (ftKB) 2,900.0	Start Depth (TVD) (ftKB) 1,277.0	End Depth (TVD) (ftKB) 2,887.2
Target Depth (ftKB) 22,384	Target Formation Wolfcamp		
Problem Time Hours (hr) 0.00	Cum Problem Time Hours (hr) 0.00	Percent Problem Time (%) 0.00	Cum Percent Problem Time (%) 0.00
Time Log - Problem Hours (hr) 17.00	Cum Up Time - Down Time (hr) 32.50		

Operations at Report Time <b>DRILLING 9 7/8" INTERMEDIATE @ 2,900'.</b>	Operations Next Report Period <b>DRILL 9 7/8" INTERMEDIATE AS PER WELL PLAN #2.</b>
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Operations Summary  
SKID RIG 20' F/ THE UL GENE PARMESAN 29BS T/ THE UL GENE PARMESAN 11UA, RIG BACK UP AFTER SKID, TEST BOP BREAK, P/U 9 7/8" INTERMEDIATE BHA, TIH, SLIP AND CUT DRILL LINE, SERVICE RIG, DRILL OUT FLOAT EQUIPMENT, CEMENT AND RAT HOLE F/ 1,211' T/ 1,277', DRILL 9 7/8" INTERMEDIATE F/ 1,277' T/ 2,900'.

DAILY DRILLING SUMMARY:  
DRILL 9 7/8" INTERMEDIATE HOLE F/ 1,277' T/ 2,900' ( 1,623' IN 6.75 HRS @ 241 FPH )  
LAST SURVEY: MD- 2,490' TVD- 2,481' / INC: 9.31° / AZM: 244.63°.  
AHEAD / BEHIND: 4' BEHIND  
LEFT / RIGHT: 50' RIGHT

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, & HOUSE KEEPING.

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
13:00	14:00	1.00	93	Skid	SKID RIG 20' F/ THE UL GENE PARMESAN 29BS T/ THE UL GENE PARMESAN 11UA.
14:00	14:30	0.50	14	RU/RD BOP	NIPPLE UP BOP.
14:30	15:00	0.50	23	Other	RIG BACK UP AFTER SKID.
15:00	16:15	1.25	15	Test BOP	INSTALL TEST PLUG, LINE UP VALVES, FILL BOP WITH WATER, TEST BREAK T/ 250PSI LOW 4,400PSI HIGH.
16:15	16:45	0.50	23	Other	INSTALL WEAR BUSHING.
16:45	17:00	0.25	34	Safety	HOLD PJSM ON WORKING BHA.
17:00	19:00	2.00	94	P/U BHA	P/U 9 7/8" REED TKF66-L2 BIT, 8" BICO MUD MOTOR, 9 3/8" STAB, SHOCK SUB, NMPC, UBHO, TOOL CARRIER, NMDC, SCRIBE, INSTALL MWD, P/U FILTER SUB, X/O.
19:00	20:15	1.25	6	Trip	TIH F/ BHA T/ 600'.
20:15	21:15	1.00	9	Cut Drill Line	HOLD PJSM: SLIP AND CUT DRILL LINE.
21:15	21:45	0.50	7	Service Rig	SERVICE TOP DRIVE.
21:45	22:15	0.50	23	Other	PULL TRIP NIPPLE AND INSTALL ROTATING HEAD.
22:15	22:45	0.50	6	Trip	TIH F/ 600' T/ 1,211'.
22:45	23:15	0.50	3	Reaming	DRILL OUT FLOAT EQUIPMENT, CEMENT AND RAT HOLE F/ 1,211' T/ 1,277', WOB- 15K, GPM- 550, RPM- 30.
23:15	06:00	6.75	2	Drilling	DRILL 9 7/8" INTERMEDIATE F/ 1,277' T/ 2,900' ( 1,623' @ 241 FPH ) WOB- 50/65K, GPM- 900, SPP- 2,625, DIFF- 450, RPM- 70, TRQ- 14K.

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
17:00	WBM	1,277.0	10.00	27	1.0	1.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
1	1	1	88.0	1	11.0	11.2
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	0.0	88.8	188,000	0.000		
05:00	WBM	2,533.0	10.00	27	1.0	1.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
1	1	1	100.0	1	10.5	11.2
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	0.0	88.8	189,000	0.000		

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
2,490.00	9.31	244.63	2,481.30	-113.62	7.95	-120.70	4.59	-1.25	-25.91
2,585.00	8.81	246.04	2,575.12	-128.42	1.70	-134.29	0.58	-0.53	1.48
2,679.00	8.00	245.16	2,668.11	-142.02	-3.97	-146.81	0.87	-0.86	-0.94
2,774.00	7.44	243.40	2,762.25	-154.61	-9.50	-158.30	0.64	-0.59	-1.85
2,869.00	7.19	243.05	2,856.47	-166.51	-14.95	-169.10	0.27	-0.26	-0.37

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	3	3/16/2024	0	3/16/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 3.0	Depth Progress (ft) 5,115.00	Cum Time Log Sp (days) 2.21	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 77,623	Cum Field Est To Date (Cost) 861,177
Start Depth (ftKB) 2,900.0	End Depth (ftKB) 8,015.0	Start Depth (TVD) (ftKB) 2,887.2	End Depth (TVD) (ftKB) 7,962.2
Target Depth (ftKB) 22,384	Target Formation Wolfcamp		
Problem Time Hours (hr) 0.50	Cum Problem Time Hours (hr) 0.50	Percent Problem Time (%) 2.08	Cum Percent Problem Time (%) 0.88
Time Log - Problem Hours (hr) 23.50	Cum Up Time - Down Time (hr) 56.00		

Operations at Report Time DRILLING 9 7/8" INTERMEDIATE @ 8,015'.	Operations Next Report Period DRILL 9 7/8" INTERMEDIATE AS PER WELL PLAN #2.
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Operations Summary  
DRILL 9 7/8" INTERMEDIATE F/ 2,900' T/ 4,077', SERVICE RIG, DRILL 9 7/8" INTERMEDIATE F/ 4,077' T/ 7,772', SERVICE RIG, DRILL 9 7/8" INTERMEDIATE F/ 7,772' T/ 8,015'.

DAILY DRILLING SUMMARY:  
DRILL 9 7/8" INTERMEDIATE HOLE F/ 2,900' T/ 8,015' ( 5,115' IN 23 HRS @ 222 FPH )  
LAST SURVEY: MD- 7,798' TVD- 7,745' / INC: 3.38° / AZM: 211.41°.  
AHEAD / BEHIND: 5' BEHIND  
LEFT / RIGHT: 11' RIGHT

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, & HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	12:15	6.25	2	Drilling	ROTATE / SLIDE DRILL 9 7/8" INTERMEDIATE F/ 2,900' T/ 4077' ( 1,177' @ 188 FPH ) WOB- 65 - 70 K, GPM- 900, SPP- 2,625, DIFF- 1,100, RPM- 70, TRQ- 15 -18 K.
12:15	12:45	0.50	8	Repair Rig	REPAIR LUBE PUMP ON TOP DRIVE.
12:45	18:45	6.00	2	Drilling	ROTATE / SLIDE DRILL 9 7/8" INTERMEDIATE F/ 4,077' T/ 5,200' ( 1,123' @ 187 FPH ) WOB- 65 - 70K, GPM- 900, SPP- 2,625, DIFF- 1,100, RPM- 70, TRQ- 15 -18 K.
18:45	04:15	9.50	2	Drilling	DRILL 9 7/8" INTERMEDIATE F/ 5,200' T/ 7,772' ( 2,572' @ 271 FPH ) WOB- 70K, GPM- 900, SPP- 3,500, DIFF- 820, RPM- 70, TRQ- 17/20K.
04:15	04:45	0.50	7	Service Rig	SERVICE RIG.
04:45	06:00	1.25	2	Drilling	DRILL 9 7/8" INTERMEDIATE F/ 7,772' T/ 8,015' ( 243' @ 195 FPH ) WOB- 70K, GPM- 900, SPP- 3,500, DIFF- 820, RPM- 70, TRQ- 17/20K.

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft²)
17:00	WBM	4,861.0	10.00	27	1.0	1.000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
1	1	1	100.0	1	10.5	11.2
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	0.0	88.8	189,000	0.000		
Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft²)
05:00	WBM	7,877.0	10.00	27	1.0	1.000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
1	1	1	100.0	1	11.0	11.4
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	0.0	88.6	192,000	0.000		

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
7,608.00	3.56	227.76	7,555.65	-764.00	-257.08	-720.82	0.61	-0.34	-7.85
7,703.00	3.25	221.08	7,650.48	-768.92	-261.10	-724.78	0.53	-0.33	-7.03
7,798.00	3.38	211.41	7,745.33	-773.26	-265.52	-728.01	0.60	0.14	-10.18
7,893.00	2.19	226.88	7,840.21	-776.95	-269.15	-730.79	1.47	-1.25	16.28
7,988.00	1.44	250.79	7,935.17	-779.76	-270.78	-733.24	1.11	-0.79	25.17

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	5	3/17/2024	0	3/17/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 4.0	Depth Progress (ft) 2,015.00	Cum Time Log Sp (days) 3.21	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 98,312	Cum Field Est To Date (Cost) 959,489
Start Depth (ftKB) 8,015.0	End Depth (ftKB) 10,030.0	Start Depth (TVD) (ftKB) 7,962.2	End Depth (TVD) (ftKB) 9,976.8
Target Depth (ftKB) 22,384	Target Formation Wolfcamp		
Problem Time Hours (hr) 1.50	Cum Problem Time Hours (hr) 2.00	Percent Problem Time (%) 6.25	Cum Percent Problem Time (%) 2.48
Time Log - Problem Hours (hr) 22.50	Cum Up Time - Down Time (hr) 78.50		

Operations at Report Time  
DRILLING 9 7/8" INTERMEDIATE @ 10,030'.  
Operations Next Report Period  
DRILL 9 7/8" INTERMEDIATE AS PER WELL PLAN #2 TO KOP @ 10,825', POOH, L/D BHA, P/U 9 7/8" CURVE BHA, TIH.

Operations Summary  
DRILL 9 7/8" INTERMEDIATE F/ 8,015' T/ 8,302', 1.5 HRS DOWNTIME DUE TO VALVE BEING ACCIDENTLY CLOSED BY 3RD PARTY AND BLACKING THE RIG OUT, DRILL 9 7/8" INTERMEDIATE F/ 8,302' T/ 9,000', SERVICE RIG, DRILL 9 7/8" INTERMEDIATE F/ 9,000' T/ 10,030'.  
DAILY DRILLING SUMMARY:  
DRILL 9 7/8" INTERMEDIATE HOLE F/ 8,015' T/ 10,030' ( 2.015' IN 22 HRS @ 92 FPH )  
LAST SURVEY: MD- 9,791' TVD- 9,737' / INC: 1.13° / AZM: 61.82°.  
AHEAD / BEHIND: 8' AHEAD  
LEFT / RIGHT: 8' LEFT

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	09:00	3.00	2	Drilling	DRILL 9 7/8" INTERMEDIATE F/ 8,015' T/ 8,302' (287' @ 95.66 FPH ) WOB- 65 - 70 K, GPM- 900, SPP - 3,500, DIFF- 820, RPM- 70, TRQ- 17/20K.
09:00	10:30	1.50	2	Drilling	RIGGED BLACK OUT DUE TO THIRD PARTY ACCIDENTLY CLOSING A VALVE ON DIESEL RETURN LINE. WHEN RIG WAS STARTED BACK UP, THERE WAS ISSUES WITH MUD PUMPS SYNCING UP.
10:30	03:30	17.00	2	Drilling	DRILL 9 7/8" INTERMEDIATE F/ 8,302' T/ 9,775' ( 1,473' @ 87 FPH ) WOB- 65 - 70 K, GPM- 750 - 900, SPP- 3,500, DIFF- 820, RPM- 70, TRQ- 17/20K.
03:30	04:00	0.50	7	Service Rig	SERVICE RIG.
04:00	06:00	2.00	2	Drilling	DRILL 9 7/8" INTERMEDIATE F/ 9,775' T/ 10,030' ( 255' @ 128 FPH ) WOB- 65 - 70 K, GPM- 750 - 900, SPP- 3,500, DIFF- 820, RPM- 70, TRQ- 17/20K.

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
16:00	WBM	8,859.0	10.00	27	1.0	1.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
1	1	1	100.0	1	11.0	11.3
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	0.0	88.7	190,000	0.000		
Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
05:00	WBM	9,933.0	10.00	27	1.0	1.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
1	1	1	100.0	1	11.0	11.3
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	0.0	88.7	190,000	0.000		

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
9,601.00	1.75	76.59	9,547.91	-786.39	-271.68	-739.89	0.28	0.26	-3.69
9,696.00	1.69	81.68	9,642.87	-783.55	-271.14	-737.09	0.17	-0.06	5.36
9,791.00	1.13	61.82	9,737.84	-781.25	-270.49	-734.88	0.77	-0.59	-20.91
9,886.00	0.81	77.11	9,832.83	-779.66	-269.90	-733.40	0.43	-0.34	16.09
9,981.00	0.25	80.45	9,927.82	-778.78	-269.72	-732.54	0.59	-0.59	3.52

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	7	3/18/2024	0	3/18/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 5.0	Depth Progress (ft) 645.00	Cum Time Log Sp (days) 4.21	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 94,337	Cum Field Est To Date (Cost) 1,053,826
Start Depth (ftKB) 10,030.0	End Depth (ftKB) 10,675.0	Start Depth (TVD) (ftKB) 9,976.8	End Depth (TVD) (ftKB) 10,621.8
Target Depth (ftKB) 22,384	Target Formation Wolfcamp		
Problem Time Hours (hr) 0.00	Cum Problem Time Hours (hr) 2.00	Percent Problem Time (%) 0.00	Cum Percent Problem Time (%) 1.91
Time Log - Problem Hours (hr) 24.00		Cum Up Time - Down Time (hr) 102.50	

Operations at Report Time DRILLING 9 7/8" VERTICAL SECTION @ 10,675'.	Operations Next Report Period DRILL 9 7/8" CURVE TO +/- 11,750', POOH, L/D BHA, R/U AND RUN 7 5/8" INTERMEDIATE CASING.
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Operations Summary  
 DRILL 9 7/8" INTERMEDIATE F/ 10,030' T/ 10,238', CIRCULATE HOLE CLEAN, FLOW CHECK, POOH, L/D BHA, P/U 9 7/8" CURVE BHA, TIH, DRILL 9 7/8" VERTICAL SECTION F/ 10,238' T/ 10,675'.  
 DAILY DRILLING SUMMARY:  
 DRILL 9 7/8" INTERMEDIATE VERTICAL HOLE F/ 10,030' T/ 10,675' ( 645' IN 9 HRS @ 72 FPH )  
 LAST SURVEY: MD- 10,476' TVD- 10,422' / INC: 0.38° / AZM: 156.16°.  
 AHEAD / BEHIND: 12' AHEAD  
 LEFT / RIGHT: 5' LEFT

HSE Risk  
 NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	10:00	4.00	2	Drilling	DRILL 9 7/8" INTERMEDIATE F/ 10,030' T/ 10,238' ( 208' @ 52 FPH ) WOB- 65 - 70 K, GPM- 800, SPP - 3,500, DIFF- 820, RPM- 70, TRQ- 17/20K.
10:00	10:45	0.75	5	Circ/Cond	CIRCULATE HOLE CLEAN, FLOW CHECK ( STATIC ).
10:45	11:30	0.75	6	Trip	TRIP OUT THE HOLE F/ 10,238' T/ 9,660', HOLE TAKING CORRECT FILL.
11:30	11:45	0.25	5	Circ/Cond	BREAK CIRCULATION, PUMP SLUG.
11:45	14:15	2.50	6	Trip	TRIP OUT THE HOLE F/ 9,660' T/ 3,517', HOLE TAKING CORRECT FILL.
14:15	14:30	0.25	23	Other	FLOW CHECK ( STATIC ).
14:30	16:00	1.50	6	Trip	TRIP OUT THE HOLE F/ 3,517' T/ BHA, HOLE TAKING CORRECT FILL.
16:00	18:30	2.50	95	L/D BHA	HOLD PJSM: L/D INTERMEDIATE VERTICAL BHA.
18:30	20:30	2.00	94	P/U BHA	HOLD PJSM: P/U 2.12° CURVE MOTOR, M/U 9 7/8" ULTERRA CF613 BIT, FLOAT SUB, NMDC, UBHO, TOOL CARRIER, SCRIBE, INSTALL MWD, NMDC, FILTER SUB, X/O, TEST MWD.
20:30	01:00	4.50	6	Trip	TRIP IN THE HOLE F/ BHA T/ 10,238', HOLE GIVING BACK CORRECT DISPLACEMENT.
01:00	06:00	5.00	2	Drilling	DRILL 9 7/8" INTERMEDIATE F/ 10,238' T/ 10,675' ( 437' @ 87 FPH ) WOB- 65 - 70 K, GPM- 800, SPP - 3,500, DIFF- 820, RPM- 70, TRQ- 17/20K.

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft²)
17:00	WBM	10,237.0	10.00	27	1.0	1.000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
1	1	1	100.0	1	10.0	11.4
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	0.0	88.6	192,000	0.000		
02:00	WBM	10,331.0	10.00	27	1.0	1.000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
1	1	1	100.0	1	10.0	11.6
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	0.0	88.4	195,000	0.000		

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
10,287.00	0.40	92.11	10,233.81	-778.18	-271.57	-731.37	0.18	0.09	-24.70
10,382.00	0.37	139.18	10,328.81	-777.74	-271.82	-730.84	0.32	-0.03	49.55
10,476.00	0.38	156.16	10,422.81	-777.58	-272.33	-730.51	0.12	0.01	18.06
10,571.00	0.55	240.13	10,517.81	-777.98	-272.85	-730.78	0.67	0.18	88.39
10,666.00	0.96	261.62	10,612.80	-779.21	-273.19	-731.96	0.52	0.43	22.62

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	9	3/19/2024	0	3/19/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 6.0	Depth Progress (ft) 487.00	Cum Time Log Sp (days) 5.21	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 91,893	Cum Field Est To Date (Cost) 1,145,718
Start Depth (ftKB) 10,675.0	End Depth (ftKB) 11,162.0	Start Depth (TVD) (ftKB) 10,621.8	End Depth (TVD) (ftKB) 11,102.2
Target Depth (ftKB) 22,384	Target Formation Wolfcamp		
Problem Time Hours (hr) 5.25	Cum Problem Time Hours (hr) 7.25	Percent Problem Time (%) 21.88	Cum Percent Problem Time (%) 5.64
Time Log - Problem Hours (hr) 18.75		Cum Up Time - Down Time (hr) 121.25	

Operations at Report Time  
TRIPPING IN HOLE @ 1,020'

Operations Next Report Period  
FINISH TRIPPING IN HOLE, DRILL 9 7/8" CURVE SECTION. CIRCULATE HOLE CLEAN. TRIP OUT OF HOLE AND START RUNNING 7 5/8" CASING.

Operations Summary  
DRILL 9 7/8" INTERMEDIATE F/ 10,675' T/ 11,013'; WORK TIGHT HOLE @ 11,013 AND PUMP HIGH VIS SWEEP. DRILL 9 7/8" INTERMEDIATE F/ 11,013' T/ 11,055. CLEAR DEBRIS OUT OF ROCK CATCHERS. DRILL 9 7/8" VERTICAL SECTION F/ 11,055' T/ 11,162'. CIRCULATE HOLE CLEAN. PUMP OUT OF HOLE T/ 10,833'. STRIP OUT OF HOLE F/ 10,833' T/ 7,775'. TRIP OUT OF HOLE. LAY OUT BHA. CHANGE OUT KILL LINE VALVE, VIBRATING HOSE AND RETEST. MAKE UP CURVE ASSEMBLY WITH NEW CF613 BIT AND 2.38" MOTOR AND TRIP IN HOLE T/ 1,020'.  
DAILY DRILLING SUMMARY:  
DRILL 9 7/8" INTERMEDIATE VERTICAL/CURVE HOLE F/ 10,675 T/ 11,162' ( 487' IN 7.75 HRS @ 62.84 FPH )  
LAST SURVEY: MD- 11,045' TVD- 10,990' / INC: 12.19° / AZM: 81.83°.  
AHEAD / BEHIND: 9' AHEAD  
LEFT / RIGHT: 4' LEFT

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	07:45	1.75	2	Drilling	DRILL 9 7/8" INTERMEDIATE F/ 10,675' T KOP @ 10,840' ( 158' @ 90.28 FPH ) WOB- 50 K, GPM- 800, SPP- 2,600, DIFF- 500, RPM- 40, TRQ- 17/20K.
07:45	10:15	2.50	2	Drilling	DRILL 9 7/8" INTERMEDIATE F/ KOP @ 10,840' T/ 11,013' ( 173' @ 69.2 FPH ) WOB- 50 K, GPM- 800, SPP- 2,600, DIFF- 500, 100% SLIDE.
10:15	11:00	0.75	23	Other	WORK TIGHT HOLE F/ 10,966' T/ 11,013'. PUMP AROUND HIGH VIS SWEEP TO CLEAN WELLBORE. 800 GPM, 40 RPM.
11:00	12:45	1.75	2	Drilling	DRILL 9 7/8" INTERMEDIATE F/ 11,013' T/ 11,055' ( 42' @ 24 FPH ) WOB- 50 K, GPM- 800, SPP- 2,600, DIFF- 500, RPM- 40, TRQ- 17/20K. 100 % SLIDE.
12:45	13:00	0.25	23	Other	CLEAN OUT ROCK CATCHERS FROM RESERVE PIT PUMPS DUE TO SALTING OFF.
13:00	14:45	1.75	2	Drilling	DRILL 9 7/8" INTERMEDIATE F/ 11,055' T/ 11,162' ( 107' @ 61.14 FPH ) WOB- 50 K, GPM- 800, SPP- 2,600, DIFF- 500, 100 % SLIDE. NOTE: DECISION MADE TO TRIP OUT OF HOLE DUE TO LOW MOTOR YIELDS.
14:45	15:00	0.25	20	Directional	DO A CHECK SHOT SURVEY. DECISION MADE TO TRIP OUT OF HOLE DUE TO LOW MOTOR YIELD.
15:00	15:45	0.75	5	Circ/Cond	CIRCULATE BOTTOMS UP.
15:45	16:00	0.25	23	Other	FLOW CHECK, WELL FLOWING APPROXIMATELY 20 BBLS AN HOUR.
16:00	16:30	0.50	3	Reaming	ATTEMPT TO PULL OUT OF HOLE. NOT BREAKING OVER. PUMP OUT OF HOLE F/ 11,162' T/ 10,833'.
16:30	16:45	0.25	5	Circ/Cond	PUMP SLUG
16:45	17:45	1.00	6	Trip	STRIP OUT OF HOLE F/ 10,833' T/ 7,775' MAINTAINING DRY DISPLACEMENT WHILE PUMPING 14 PPG KILL MUD INTO THE ANNULUS.
17:45	18:00	0.25	23	Other	FLOW CHECK. WELL STATIC.
18:00	22:00	4.00	6	Trip	TRIP OUT THE HOLE F/ 7,775' T/ BHA, HOLE TAKING CORRECT FILL.
22:00	23:00	1.00	95	L/D BHA	HOLD PJSM: L/D INTERMEDIATE CURVE BHA # 1.
23:00	23:30	0.50	8	Repair Rig	REMOVE WEAR BUSING & INSTALL TEST PLUG
23:30	00:00	0.50	7	Service Rig	SERVICE RIG
00:00	02:00	2.00	8	Repair Rig	CLOSE PIPE RAMS AND SECURE WELL. REMOVE BAD 2" INSIDE KILL VALVE AND REPLACE WITH NEW 2" INSIDE 2" KILL VALVE, TORQUE BOLTS. ATTEMPTED TO TEST VALVE. UNSUCCESSFUL ( FOUND PIN HOLE IN HIGH PRESSURE VIBRATING HOSE COMING OFF MUD PUMP# 1 TO RIG STANDPIPE
02:00	03:45	1.75	8	Repair Rig	CHANGE OUT STAND PIPE VIBRATING HOSE
03:45	04:00	0.25	8	Repair Rig	TEST 2" INSIDE KILL VALVE TO 4000 PSI HIGH AND 250 PSI LOW FOR 5 MINUTES
04:00	05:15	1.25	94	P/U BHA	HOLD PJSM: P/U 2.38" CURVE MOTOR, M/U 9 7/8" ULTERRA CF613 BIT, FLOAT SUB, NMDC, UBHO, TOOL CARRIER, SCRIBE, INSTALL MWD, NMDC, FILTER SUB, X/O, TEST MWD.
05:15	06:00	0.75	6	Trip	TRIP IN THE HOLE F/ BHA T/ 1,020', HOLE GIVING BACK CORRECT DISPLACEMENT.

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
16:00	WBM	11,163.0	10.00	27	1.0	1.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
1	1	1	100.0	1	10.0	11.7
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
0.0	0.0	88.3	196,000	0.000		
Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
04:00	WBM	11,163.0	10.00	28	1.0	1.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
1	1	1	100.0	1	10.2	11.4
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
0.0	0.0	88.6	192,000	0.000		

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
10,761.00	1.23	298.38	10,707.78	-780.72	-272.82	-733.65	0.78	0.28	38.69
10,856.00	1.85	30.03	10,802.76	-780.34	-271.01	-733.78	2.37	0.65	96.47
10,950.00	8.21	91.66	10,896.39	-772.85	-269.89	-726.30	7.99	6.77	65.56
11,045.00	12.19	81.30	10,989.87	-756.44	-268.57	-709.60	4.60	4.19	-10.91
11,139.00	18.30	75.53	11,080.53	-731.83	-263.37	-685.47	6.69	6.50	-6.14

**Well Name: UL GENE PARMESAN A5 11UA**

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	11	3/20/2024	0	3/20/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 7.0	Depth Progress (ft) 603.00	Cum Time Log Sp (days) 6.21	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 97,618	Cum Field Est To Date (Cost) 1,243,337
Start Depth (ftKB) 11,162.0	End Depth (ftKB) 11,765.0	Start Depth (TVD) (ftKB) 11,102.2	End Depth (TVD) (ftKB) 11,472.5
Target Depth (ftKB) 22,384	Target Formation Wolfcamp		
Problem Time Hours (hr) 0.00	Cum Problem Time Hours (hr) 7.25	Percent Problem Time (%) 0.00	Cum Percent Problem Time (%) 4.75
Time Log - Problem Hours (hr) 24.00		Cum Up Time - Down Time (hr) 145.25	

Operations at Report Time  
TRIPPING OUT OF HOLE @ 7,258'.  
Operations Next Report Period  
FINISH TRIP OUT OF HOLE. RIG UP AND RUN 7 5/8" INTERMEDIATE CASING. BREAK CIRCULATION. LAY DOWN LANDING JOINT. INSTALL PACK OFF. NIPPLE DOWN. RELEASE RIG TO UL GENE PARMESAN A6 30BS. COMPLETE OFFLINE CEMENTING OPERATIONS WHILE WALKING RIG TO 30BS.

Operations Summary  
TEST MWD. SLIP AND CUT DRILL LINE. TRIP IN HOLE T/ 3,600'. HOLE WAS NOT DISPLACING PROPER FLUID. BREAK CIRCULATION. LOST RETURNS. PULL UP TO 2,000'. ESTABLISH RETURNS AND CIRCULATE BOTTOMS UP. TRIP IN HOLE STAGING OUT SLUG AND KILL MUD @ 3,800', 5,000' AND 6,200'. CONTINUED TO TRIP IN HOLE MONITORING DISPLACEMENT ON TRIP TANK T/ 11,023'. WASH AND REAM T/ 11,162'. DRILL 9 7/8" CURVE SECTION F/ 11,162' T/ 11,765'. CIRCULATE WELL BORE CLEAN. TRIP OUT OF THE CURVE SECTION T/ 10,840' WHILE PULLING WET, PUMP SLUG, TRIP OUT OF THE HOLE F/ 10,840' T/ 7,258'  
DAILY DRILLING SUMMARY:  
DRILL 9 7/8" INTERMEDIATE VERTICAL HOLE F/ 11,162' T/ 11,765' ( 603' IN 11.25 HRS @ 53.6 FPH )  
LAST SURVEY: MD- 11,765' TVD- 11,473' / INC: 69.50° / AZM: 72.40°.  
19 ABOVE / 15' RIGHT  
NOTIFIED TRRC OF INTENT TO RUN 7-5/8" INTERMEDIATE CASING AND CEMENT JOB. SPOKE TO CHRISTINA OPERATOR # 16

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	06:30	0.50	20	Directional	SURFACE TEST MWD TOOL. GOOD TEST.
06:30	07:30	1.00	9	Cut Drill Line	PJSM, SLIP AND CUT 10 WRAPS DRILL LINE.
07:30	08:30	1.00	6	Trip	TRIP IN HOLE T/ 3,622' . DISPLACEMENT FELL OFF TO NOTHING.
08:30	09:00	0.50	5	Circ/Cond	BREAK CIRCULATION, FULL RETURNS. STAGE PUMPS F/ 400 GPM T/ 500 GPM. LOST RETURNS.
09:00	09:30	0.50	6	Trip	TRIP OUT OF HOLE F/ 3,622' T/ 2,004'. PUMPING CALCULATED DISPLACEMENT
09:30	09:45	0.25	5	Circ/Cond	CIRCULATE BOTTOMS UP @ 900 GPM. ESTABLISHED RETURNS.
09:45	10:30	0.75	6	Trip	TRIP IN HOLE T/ 3,816'. HOLE NOT DISPLACING ANY FLUID.
10:30	10:45	0.25	5	Circ/Cond	ESTABLISH CIRCULATION AND CIRCULATE BOTTOMS UP @ 900 GPM. GOOD RETURNS.
10:45	14:00	3.25	6	Trip	TRIP IN HOLE T/ 5,050'. NO RETURNS. FILL PIPE AND BREAK CIRCULATION. CONTINUE TRIP IN HOLE T/ 6,192'. ESTABLISH CIRCULATION AND CONTINUE TRIPPING IN HOLE F/ 6,192' T/ 11,023'. HOLE STARTED DISPLACING PROPER FLUID 6,192' T/ 11,023'.
14:00	14:45	0.75	3	Reaming	WASH AND REAM F/ 11,023' T/ 11,162'. 20 RPM, 750 GPM.
14:45	02:00	11.25	2	Drilling	DRILL (SLIDE /ROTATE) 9 7/8" INTERMEDIATE F/ 11,162' T/ 11,765' ( 603' @ 53.6 FPH ) WOB- 35 K, GPM- 750, SPP- 2131, DIFF- 265, 67 % SLIDE / 33 % ROTATE.
02:00	03:00	1.00	5	Circ/Cond	CIRCULATE 2 HIGH VIS SWEEPS FROM WELLBORE. 10 % WASHOUT.
03:00	04:15	1.25	6	Trip	TRIP OUT OF OF CURVE SECTION MAINTAINING WET DISPLACEMENT F/ 11,750' T/ 10,840'.
04:15	04:30	0.25	5	Circ/Cond	FLOW CHECK. WELL STATIC. PUMP SLUG.
04:30	06:00	1.50	6	Trip	TRIP OUT OF HOLE MAINTAINING DRY DISPLACEMENT F/ 10,840" T/ 7,258'.

**Mud Checks**

Time 16:00	Type WBM	Depth (ftKB) 11,215.0	Density (lb/gal) 10.00	Funnel Viscosity (s/qt) 27	PV Calc (cP) 1.0	YP Calc (lbf/100ft²) 1.000
Gel 10 sec (lbf/100ft²) 1	Gel 10 min (lbf/100ft²) 1	Gel 30 min (lbf/100ft²) 1	Filtrate (mL/30min) 100.0	Filter Cake (1/32") 1	pH 10.3	Solids (%) 11.2
MBT (lb/bbl)	Percent Oil (%) 0.0	Percent Water (%) 88.8	Chlorides (mg/L) 189,000	Calcium (mg/L) 0.000	Potassium (mg/L)	Electric Stab (V)
Time 04:00	Type WBM	Depth (ftKB) 11,765.0	Density (lb/gal) 10.10	Funnel Viscosity (s/qt) 32	PV Calc (cP) 2.0	YP Calc (lbf/100ft²) 4.000
Gel 10 sec (lbf/100ft²) 1	Gel 10 min (lbf/100ft²) 2	Gel 30 min (lbf/100ft²) 2	Filtrate (mL/30min) 17.0	Filter Cake (1/32") 1	pH 10.5	Solids (%) 11.9
MBT (lb/bbl)	Percent Oil (%) 0.0	Percent Water (%) 88.1	Chlorides (mg/L) 190,000	Calcium (mg/L) 0.000	Potassium (mg/L)	Electric Stab (V)

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
11,327.00	38.66	80.62	11,245.73	-644.84	-248.92	-599.06	11.97	11.94	-1.60
11,422.00	48.73	78.53	11,314.33	-579.63	-236.95	-534.63	10.71	10.60	-2.20
11,516.00	57.86	75.55	11,370.46	-504.48	-219.96	-461.31	10.04	9.71	-3.17
11,611.00	64.23	73.01	11,416.44	-421.42	-197.40	-381.36	7.10	6.71	-2.67
11,692.00	69.48	72.38	11,448.26	-346.97	-175.24	-310.27	6.52	6.48	-0.78

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	13	3/21/2024	0	3/21/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 8.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 7.17	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 661,721	Cum Field Est To Date (Cost) 1,905,058		
Start Depth (ftKB) 11,765.0	End Depth (ftKB) 11,765.0	Start Depth (TVD) (ftKB) 11,472.5	End Depth (TVD) (ftKB) 11,472.5	Target Depth (ftKB) 22,384	Target Formation Wolfcamp
Problem Time Hours (hr) 0.25	Cum Problem Time Hours (hr) 7.50	Percent Problem Time (%) 1.09	Cum Percent Problem Time (%) 4.27	Time Log - Problem Hours (hr) 22.75	Cum Up Time - Down Time (hr) 168.00

Operations at Report Time RIG RELEASED T/ UL GENE PARMESAN 30BS	Operations Next Report Period RIG RELEASED TO GENE PARMESAN 30BS
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Operations Summary  
TRIP OUT OF HOLE F/ 7,258' / BHA. LAY OUT DIRECTIONAL BHA. PULL WEAR BUSHING. RIG UP AND RUN 7 5/8" INTERMEDIATE CASING TO 5907', CHANGE OUT CASING CREW UNIT , RUN 7-5/8" INTERMEDIATE CASING AND LAND OUT @ 11,749'. BREAK CIRCULATION. LAY OUT LANDING JOINT. SET PACK OFF AND TEST. NIPPLE DOWN BOPS AND FLOW LINES. PREPARE FOR RIG WALK. RELEASE RIG TO UL GENE PARMESAN 30BS @ 05:00 AM ON MARCH 22, 2024.

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	09:15	3.25	6	Trip	TRIP OUT OF HOLE F/ 7,258 T/ BHA MAINTAINING DRY DISPLACMENT FROM TRIP TANK.
09:15	10:30	1.25	95	L/D BHA	LAY DOWN X/OS, FILTER SUB AND NMDC. PULL MWD TOOL AND LAY OUT. LAY OUT TOOLCARRIER AND UBHO. PULL UP TO BIT, DRAIN MOTOR AND BREAK OFF BIT. LAY OUT BIT, FLOAT SUB, NMDC AND MOTOR.
10:30	10:45	0.25	23	Other	PULL WEAR BUSHING AND LAY OUT.
10:45	11:15	0.50	7	Service Rig	SERVICE RIG
11:15	11:30	0.25	34	Safety	PRE JOB SAFETY MEETING ON RIGGING UP AND RUNNING 7 5/8" CASING WITH SUPERIOR, BYRD, WEATHERFORD, NABORS AND CALLON.
11:30	12:45	1.25	12	CSG & CMT	RIG UP BYRD CASING EQUIPMENT AND SUPERIOR TORQUE TURN.
12:45	19:45	7.00	12	CSG & CMT	PICK UP SHOE TRACK, CHECK FLOATS ( GOOD ), RUN 7 5/8" INTERMEDIATE CASING FROM SURFACE T/ 5,907'.
19:45	20:00	0.25	23	Other	CHANGE OUT CASING UNIT DUE TO OVER HEATING ISSUES.
20:00	02:15	6.25	12	CSG & CMT	RUN 7 5/8" INTERMEDIATE CASING F/ 5,907" T/ 11,708'. PICK UP LANDING JOINT AND WASH DOWN AND LAND OUT @ 11,749'.
02:15	03:15	1.00	12	CSG & CMT	R/D DOWN CRT. NOTE: GRABBER WOULD NOT BREAK CONNECTION. HAD TO USE RIG TONGS.
03:15	03:45	0.50	12	CSG & CMT	LAY OUT LANDING JOINT. RIG OUT CASING ELEVATORS AND BAILS.
03:45	04:30	0.75	23	Other	INSTALL PACK OFF AND COMPLETE PRESSURE TEST T 5,000 PSI ON UPPER AND LOWER SEALS. SET LOCKING ASSEMBLY PULL TEST T/ 40,000 LBS. GOOD TEST.
04:30	05:00	0.50	14	RU/RD BOP	PJSM, NIPPLE DOWN BOPS AND FLOW LINE LIFT STACK AND TROLLEY OUT OF WAY. RELEASE RIG TO UL GENE PARMESAN 30 BS.
05:00	05:30	0.50	12	CSG & CMT	PREPARE FOR OFFLINE CEMENTING. INSTALL DOWNING OFFLINE CEMENTING TOOL AND CEMENT HEAD.
05:30	06:00	0.50	12	CSG & CMT	RIG UP CEMENT IRON TO CEMENT HEAD.

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft²)
16:00	WBM	11,765.0	10.10	31	2.0	3.000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
1	2	2	19.0	1	10.2	11.9
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	0.0	88.1	188,000	0.000		
Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft²)
04:00	WBM	11,765.0	10.10	30	3.0	2.000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
1	2	3	19.0	1	10.0	11.9
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	0.0	88.1	189,000	0.000		

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	14	3/21/2024	0	3/22/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 9.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 7.17	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 5,554	Cum Field Est To Date (Cost) 1,910,612		
Start Depth (ftKB) 11,765.0	End Depth (ftKB) 11,765.0	Start Depth (TVD) (ftKB) 11,472.5	End Depth (TVD) (ftKB) 11,472.5	Target Depth (ftKB) 22,384	Target Formation Wolfcamp
Problem Time Hours (hr) 0.00	Cum Problem Time Hours (hr) 7.50	Percent Problem Time (%) 0.00	Cum Percent Problem Time (%) 4.27	Time Log - Problem Hours (hr)	Cum Up Time - Down Time (hr) 168.00

Operations at Report Time RIG RELEASED TO UL GENE PARMEASN 30BS	Operations Next Report Period RIG RELEASED TO UL GENE PARMEASN 30BS
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Operations Summary  
 RUN 7 5/8" INTERMEDIATE CASING AND LAND OUT AT 10,851'. BREAK CIRCULATION. LAY OUT LANDING JOINT. SET PACK OFF AND TEST. NIPPLE DOWN BOPS AND FLOW LINES. PREPARE FOR RIG WALK. RELEASE RIG TO UL GENE PARMESAN 30BS @ XX:XX PM ON MARCH 27, 2024. RIG UP LINE TO CEMENT MANIFOLD, PJSM WITH HALLIBURTON AND RIG CREWS, PUMP 1ST & 2ND STAGE PER PROGRAM, ( OFFLINE ), INSTALL TA CAP & TEST WITH FIELD TECHNICIAN.

HSE Risk  
 NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	06:30	0.50	23	Other	RIG UP LINES TO CEMENT MANIFOLD WHILE WALKING RIG TO A POSITION TO INSTALL CEMENTING IRON.
06:30	07:00	0.50	34	Safety	PJSM AND RIG UP OFF LINE CEMENTING TOOL WITH DOWNING. RIG UP CEMENT HEAD WITH HALLIBURTON CEMENTERS AND TIE IN WITH CEMENT IRON TO CEMENT TRUCK.
07:00	08:15	1.25	12	CSG & CMT	CIRCULATE BOTTOMS UP WITH HALLIBURTON PUMP TRUCK
08:15	13:30	5.25	12	CSG & CMT	PJSM, FILL LINES AND PRESSURE TEST T/ 5000 PSI. GOOD TEST. PUMP 50 BBLS OF GEL SPACER @ 6 BPM, 460 PSI, FOLLOWED BY 324 BBLS OF 10.5 PPG LEAD CEMENT @ 600 PSI. PUMP 46 BBLS OF 14.5 PPG TAIL CEMENT @ 244 PSI. DROP WEATHERFORD PLUG AND DISPLACE WITH 536 2BBLS OF FRESH WATER. RATE SLOWED TO 4 BBLS MIN @ 37 BBLS AWAY. FINAL LIFT PRESSURE @ 1,460 PSI. BUMP T/ 2180 PSI. STAGE PRESSURE UP @ .5 BBLS A MIN T/ 3160 PSI. PACKER INFLATED. 145 PSI DROP IN PRESSURE BEFORE STABILIZING @ 3,015 PSI. PRESSURE BACK UP T/ 3,600 PSI TO PERFORM INTEGRITY TEST. GOOD TEST. BLEED OF T/2180 PSI. PACKER WAS INFLATED WITH 1/4 BBL. BLEED OFF WITH 4.0 BBLS BACK TO TANKS. DROP BOMB AND WAIT TO FALL FOR 30 MIN. PRESSURE UP ON BOMB T/ 680 PSI @ 3 BPM TO OPEN DV TOOL. CIRCULATE 20 BBLS OF FRESH WATER @ 5BBLS/MIN 580 PSI. PUMP 50 BBLS OF GEL SPACER @ 8 BPM, 613 PSI, FOLLOWED BY 333 BBLS OF 12.9 PPG PRIMARY CEMENT @ 7 BBLS/MIN 690 PSI. DROP WEATHERFORD CLOSING PLUG AND DISPLACE WITH 242 BBLS OF FRESH WATER. RATE SLOWED DOWN LAST 42 BBLS TO 4 BPM. FINAL LIFT @ 1,231 PSI. BUMPED TO 2,535 PSI. HOLD FOR 5 MIN. BLEED OFF WITH 3 BBLS BACK TO TANK. FULL RETURNS THROUGHOUT CEMENT JOB. CIRCULATED 100 BLS OF THE TOP OF THE DV TOOL ON THE FIRST STAGE. NO CEMENT TO SURFACE ON SECOND STAGE. FULL RETURNS ON SECOND STAGE. ESTIMATED TOC LEAD @ +/- 1,518'. RIG DOWN CEMENTING IRON AND CEMENT HEAD.
13:30	14:30	1.00	23	Other	PERFORM 30 MIN CASING TEST WITH CEMENTERS T/ 1,500 PSI. GOOD TEST. RIG DOWN CEMENTERS. REMOVE OFF LINE CEMENTING TOOL.
14:30	15:30	1.00	23	Other	INSTALL T/A CAP.

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	14	3/21/2024	1	3/22/2024	0

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 10.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 7.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 11,875	Cum Field Est To Date (Cost) 1,922,487
Start Depth (ftKB) 11,765.0	End Depth (ftKB) 11,765.0	Start Depth (TVD) (ftKB) 11,472.5	End Depth (TVD) (ftKB) 11,472.5
Target Depth (ftKB) 22,384	Target Formation Wolfcamp		
Problem Time Hours (hr) 0.00	Cum Problem Time Hours (hr) 7.50	Percent Problem Time (%) 0.00	Cum Percent Problem Time (%) 4.10
Time Log - Problem Hours (hr) 7.25		Cum Up Time - Down Time (hr) 175.25	

Operations at Report Time PICK UP AND MAKE UP DRILL OUT ASSEMBLY	Operations Next Report Period MAKE UP DUMMY IRON. TRIP IN HOLE AND DRILL OUT DV TOOL AND CONTINGENCY BAFFLE. PERFORM CASING TEST. TRIP OUT OF HOLE AND PICK UP RSS ASSEMBLY. TRIP IN HOLE. DRILL OUT SHOE TRACK. DRILL 6 3/4" CURVE SECTION. DRILL 6 3/4" LATERAL SECTION
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Operations Summary  
WALK RIG OVER TO UL GENE PARMESAN A5 11UA. NIPPLE UP BOPS. PRESSURE TEST CHOKE MANIFOLD AND BOPS. RIG UP FLOW LINE.

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
22:45	00:00	1.25	93	Skid	PJSM AND WALK RIG OVER F/ UL GENE PARMASEN A6 30 BS T/ UL GENE PARAMESAN A5 11UA
00:00	01:00	1.00	14	RU/RD BOP	NIPPLE UP BOPS.
01:00	06:00	5.00	15	Test BOP	PRESSURE TEST CHOKE MANIFOLD. UPPER AND LOWER PIPE RAMS, BLIND RAMS, HCR AND KILL LINE VALVES T/ 250 PSI LOW AND 5,000 PSI HIGH. TEST ANNULAR T/ 250 PSI LOW AND 3,500 PSI HIGH. 5 MIN PER TEST.

**Mud Checks**

Time 04:00	Type WBM	Depth (ftKB) 11,765.0	Density (lb/gal) 10.10	Funnel Viscosity (s/qt) 30	PV Calc (cP) 2.0	YP Calc (lbf/100ft²) 2.000
Gel 10 sec (lbf/100ft²) 1	Gel 10 min (lbf/100ft²) 2	Gel 30 min (lbf/100ft²) 2	Filtrate (mL/30min) 100.0	Filter Cake (1/32") 1	pH 10.0	Solids (%) 11.9
MBT (lb/bbl)	Percent Oil (%) 0.0	Percent Water (%) 88.1	Chlorides (mg/L) 188,000	Calcium (mg/L) 0.000	Potassium (mg/L)	Electric Stab (V)

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	17	3/28/2024	0	3/28/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, Bk 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 11.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 8.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 92,026	Cum Field Est To Date (Cost) 2,014,513
Start Depth (ftKB) 11,765.0	End Depth (ftKB) 11,765.0	Start Depth (TVD) (ftKB) 11,472.5	End Depth (TVD) (ftKB) 11,472.5
Target Depth (ftKB) 22,384	Target Formation Wolfcamp		
Problem Time Hours (hr) 2.25	Cum Problem Time Hours (hr) 9.75	Percent Problem Time (%) 9.38	Cum Percent Problem Time (%) 4.72
Time Log - Problem Hours (hr) 21.75		Cum Up Time - Down Time (hr) 197.00	

Operations at Report Time CHANGE OUT TOP DRIVE SWIVEL PACKING ON TOP DRIVE	Operations Next Report Period DRILL FLOAT COLLAR, CEMENT, FLOAT SHOE WHILE DISPLACING WELL BORE WITH 12.2 PPG OBM, DRILL AND LAND 6-3/4" CURVE SECTION, DRILL 6 3/4" LATERAL AS PER WELL PLAN 2
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Operations Summary  
INSTALL WEAR BUSHING, C/O SAVER TO XT54 TO 4-1/2" IF, TRIP IN THE HOLE 2800', FILL PIPE AND BREAK CIRCULATION, TRIP ION THE HOLE TO 5300', DRILL OUT DV TOOL, CEMENT & CONTINGENCY BAFFLE F/5,300 T/ 5,424', TEST 9-7/8" INTERMEDIATE CASING TO 1500 PSI FOR 30 MINUTES, , TRIP OUT OF THE HOLE F/5424' T/ SURFACE, PICK UP AND MAKE UP DIRECTIONAL RSS BHA,TRIP IN THE HOLE TO 10,340' REMOVE TRIP NIPPLE & INSTALL ROTATING HEAD ELEMENT, TRIP IN THE HOLE F/ 10,340' T/ 11,569', CUT & SLIP DRILL LINE, SERVICE RIG, CHANGE OUT TOP DRIVE SWIVEL PACKING.

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	06:15	0.25	23	Other	INSTALL WEAR BUSHING AND TRIP NIPPLE
06:15	06:45	0.50	23	Other	CHANGE OUT TOP DRIVE SAVER SUB FROM XT54 TO 4-1/2" IF, CHANGE OUT TOP DRIVE GRIPPER DIE BLOCK FOR 4-1/2" DRILL PIPE
06:45	07:00	0.25	94	P/U BHA	PICK UP MAKE UP DRILL OUT ASSEMBLY AS FOLLOWING: 6-3/4" HUGHES 405 & BIT SUB BORED FOR FLOAT.
07:00	10:45	3.75	6	Trip	TRIP IN THE HOLE T/ 5300', FILL PIPE AND BREAK CIRCULATION EVERY 30 STANDS.
10:45	13:15	2.50	3	Reaming	BREAK CIRCULATION AND DRILL OUT DV TOOL, CEMENT & CONTINGENCY BAFFLE F/5,300 T/ 5,424',
13:15	13:45	0.50	92	Testing	TEST 9-7/8" INTERMEDIATE CASING TO 1500 PSI FOR 30 MINUTES,
13:45	16:15	2.50	6	Trip	TRIP OUT OF THE HOLE F/5,424' T/ SURFACE,
16:15	16:30	0.25	95	L/D BHA	BREAK BIT, BIT SUB AND LAY DOWN SAME
16:30	18:30	2.00	94	P/U BHA	HOLD PJSM: P/U RSS BHA; 6 3/4" HUGHES DD405TS (5-12'S, TFA-0.5522), I-CRUISE CX RSS TOOL, UBHO, NMPC, GAP SUB, XO, TOMAX SUB, 5" BLUE FORCE MUD MOTOR (8.8, 6/7, STRAIGHT MOTOR W/ 6 5/8" NBS), XO, 3 JNTS 4 1/2" DP, DRILL REAM.
18:30	20:45	2.25	94	P/U BHA	ATTEMPTED TO TEST MWD WITH NO SUCCESS. ( NO PULSES) SWAPPED OUT MWD AND ATTEMPTED TO RE-TEST WITH NO SUCCESS. ( INCONSISTENT PULSE ) PULLED TO MULE SHOE AND INSPECT. SWAPPED OUT MULE SHOE, INSTALLED MWD. RE-TESTED ( GOOD TEST ) C/O MULE SHOE AND MWD.
20:45	21:45	1.00	94	P/U BHA	HOLD PJSM: P/U RSS BHA; 6 3/4" HUGHES DD405TS (5-12'S, TFA-0.5522), I-CRUISE CX RSS TOOL, UBHO, NMPC, GAP SUB, XO, TOMAX SUB, 5" BLUE FORCE MUD MOTOR (8.8, 6/7, STRAIGHT MOTOR W/ 6 5/8" NBS), XO, 3 JNTS 4 1/2" DP, DRILL REAM.
21:45	01:45	4.00	6	Trip	TRIP IN THE HOLE TO 10,340'
01:45	02:15	0.50	23	Other	REMOVE TRIP NIPPLE & INSTALL ROATING HEAD ELEMENT
02:15	02:45	0.50	6	Trip	TRIP IN THE HOLE F/ 10,340' T/ 11,569'
02:45	04:45	2.00	9	Cut Drill Line	SLIP AND CUT DRILL LINE
04:45	05:15	0.50	3	Reaming	SERVICE RIG
05:15	06:00	0.75	2	Drilling	CHANGE OUT TOP DRIVE SWIVEL PACKING ASSEMBLY

**Mud Checks**

Time 04:00	Type WBM	Depth (ftKB) 11,765.0	Density (lb/gal) 10.10	Funnel Viscosity (s/qt) 30	PV Calc (cP) 2.0	YP Calc (lbf/100ft²) 2,000
Gel 10 sec (lbf/100ft²) 1	Gel 10 min (lbf/100ft²) 2	Gel 30 min (lbf/100ft²) 2	Filtrate (mL/30min) 100.0	Filter Cake (1/32") 1	pH 10.0	Solids (%) 11.9
MBT (lb/bbl)	Percent Oil (%) 0.0	Percent Water (%) 88.1	Chlorides (mg/L) 188,000	Calcium (mg/L) 0.000	Potassium (mg/L)	Electric Stab (V)

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	19	3/29/2024	0	3/29/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 12.0	Depth Progress (ft) 2,402.00	Cum Time Log Sp (days) 9.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 89,370	Cum Field Est To Date (Cost) 2,103,883
Start Depth (ftKB) 11,765.0	End Depth (ftKB) 14,167.0	Start Depth (TVD) (ftKB) 11,472.5	End Depth (TVD) (ftKB) 11,528.9
Target Depth (ftKB) 22,384	Target Formation Wolfcamp		
Problem Time Hours (hr) 2.00	Cum Problem Time Hours (hr) 11.75	Percent Problem Time (%) 8.33	Cum Percent Problem Time (%) 5.09
Time Log - Problem Hours (hr) 22.00		Cum Up Time - Down Time (hr) 219.00	

Operations at Report Time DRILLING 6 3/4" PRODUCTION HOLE @ 14,167'.	Operations Next Report Period DRILL 6 3/4" PRODUCTION HOLE AS PER WELL PLAN #2.
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Operations Summary  
CHANGE OUT VIBRATOR HOSE AND SWIVEL PACKING, DRILL OUT FLOAT EQUIPMENT, CEMENT AND RAT HOLE F/ 11,700' T/ 11,765', DRILL 6 3/4" PRODUCTION HOLE F/ 11,765' T/ 14,167'.  
DAILY DRILLING SUMMARY:  
DRILL 6 3/4" PRODUCTION HOLE F/ 11,765' T/ 14,167' ( 2402' IN 17.5 HRS @ 139.24 FPH )  
LAST SURVEY: MD- 14,104' / TVD- 11,528' / INC: 89.57° / AZM: 73.15°.  
ABOVE / BELOW: 12' ABOVE  
LEFT / RIGHT: 4' LEFT

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	07:00	1.00	23	Other	CHANGE OUT SWIVEL PACKING ON TOP DRIVE.
07:00	09:00	2.00	8	Repair Rig	CHANGE OUT VIBRATOR HOSE DUE TO PIN HOLE.
09:00	10:30	1.50	3	Reaming	DRILL OUT FLOAT EQUIPMENT, CEMENT AND RAT HOLE F/ 11,700' T/ 11,765', WOB-13K, GPM-250, RPM- 30.
10:30	11:30	1.00	5	Circ/Cond	DOWNLINK RSS.
11:30	23:15	11.75	2	Drilling	DRILL 6 3/4" PRODUCTION HOLE F/ 11,765' T/ 13,368' ( 1,603' @ 136.42 FPH ) WOB- 20/30K, GPM-300, SPP- 4,975, DIFF- 850, RPM- 80, TRQ- 15K.
23:15	23:30	0.25	20	Directional	RECYCLE MUD PUMPS FOR MWD RE-SYNC
23:30	00:30	1.00	2	Drilling	DRILL 6 3/4" PRODUCTION HOLE F/ 13,368' T/ 13,481' ( 113' @ 113 FPH ) WOB- 20/30K, GPM- 300, SPP- 4,975, DIFF- 850, RPM- 80, TRQ- 15K.
00:30	00:45	0.25	20	Directional	RECYCLE MUD PUMPS FOR MWD RE-SYNC. INDECODER SENDING INCORRECT DATA TO RSS. CHANGE OVER TO
00:45	01:15	0.50	2	Drilling	DRILL 6 3/4" PRODUCTION HOLE F/ 13,481' T/ 13,545' ( 64' @ 128 FPH ) WOB- 20/30K, GPM- 300, SPP- 4,975, DIFF- 850, RPM- 80, TRQ- 15K.
01:15	01:30	0.25	20	Directional	RECYCLE MUD PUMPS FOR MWD RE-SYNC
01:30	02:15	0.75	2	Drilling	DRILL 6 3/4" PRODUCTION HOLE F/ 13,545' T/ 13,656' ( 111' @ 148 FPH ) WOB- 20/30K, GPM- 300, SPP- 4,975, DIFF- 850, RPM- 80, TRQ- 15K.
02:15	02:30	0.25	20	Directional	RECYCLE MUD PUMPS FOR MWD RE-SYNC
02:30	03:30	1.00	2	Drilling	DRILL 6 3/4" PRODUCTION HOLE F/ 13,656' T/ 13,791' ( 135' @ FPH ) WOB- 20/30K, GPM- 300, SPP- 4,975, DIFF- 850, RPM- 80, TRQ- 15K.
03:30	03:45	0.25	20	Directional	RECYCLE MUD PUMPS, MOTOR STALL & PRESSURE SPIKE @ WOB-25K GPM 310, SPP 4,770-5,836 ( 1066 DIFFIRENTAL PRESSURE )
03:45	06:00	2.25	2	Drilling	DRILL 6 3/4" PRODUCTION HOLE F/ 13,791' T/ 14,167' ( 376' @ 167 FPH ) WOB- 20/30K, GPM- 300, SPP- 4,975, DIFF- 850, RPM- 80, TRQ- 15K.

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft²)
16:00	AES VERT	12,376.0	12.20	74	21.0	9.000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
6	9	11				22.8
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	57.2	20.0				328.0
Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft²)
04:00	AES VERT	13,832.0	12.20	69	20.0	9.000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
6	8	12				23.0
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	57.2	19.8				351.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
13,786.00	88.81	73.29	11,523.94	1,736.35	426.70	1,684.28	0.67	0.60	0.29
13,881.00	88.90	73.22	11,525.84	1,831.33	454.07	1,775.23	0.12	0.09	-0.07
13,974.00	89.32	73.39	11,527.29	1,924.31	480.78	1,864.30	0.49	0.45	0.18
14,068.00	89.57	73.15	11,528.20	2,018.31	507.84	1,954.32	0.37	0.27	-0.26
14,163.00	89.57	72.96	11,528.91	2,113.30	535.53	2,045.19	0.20	0.00	-0.20

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	21	3/30/2024	0	3/30/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1K 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 13.0	Depth Progress (ft) 3,307.00	Cum Time Log Sp (days) 10.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 112,786	Cum Field Est To Date (Cost) 2,216,669
Start Depth (ftKB) 14,167.0	End Depth (ftKB) 17,474.0	Start Depth (TVD) (ftKB) 11,528.9	End Depth (TVD) (ftKB) 11,529.1
Target Depth (ftKB) 22,384	Target Formation Wolfcamp		
Problem Time Hours (hr) 1.00	Cum Problem Time Hours (hr) 12.75	Percent Problem Time (%) 4.17	Cum Percent Problem Time (%) 5.00
Time Log - Problem Hours (hr) 23.00		Cum Up Time - Down Time (hr) 242.00	

Operations at Report Time TRIP OUT OF THE HOLE @ 17,191'	Operations Next Report Period TRIP OUT OF THE HOLE,, LAY DOWN CURVE/LATERAL RSS BHA # 1, PI CK UP 6-3/4" LATERAL BHA # 2,TRIP IN THE HOLE, DRILL 6 3/4" PRODUCTION HOLE AS PER WELL PLAN #2.
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Operations Summary  
 DRILL 6 3/4" PRODUCTION HOLE F/ 14,167' T/ 14,889', MWD LOST SYNC, CHANGE OUT TRANSDUCER AND CHANGE DECODER PROGRAM, DRILL 6 3/4" PRODUCTION HOLE F/ 14,889' T/ 15,962', C/O WASHED 2" LOW TORQUE VALVE ON RIG FLOOR, DRILL 6-3/4" PRODUCTION HOLE F/ 15,962' T/ 17,321', DOWN LINK RSS TO ABSOLUTE 10 RIGHT, DRILL 6-3/4" PRODUCTION HOLE F/ 17,321' T/ 17,474', CIRCULATE BOTTOMS UP, FLOW CHECK WELL ( STATIC ), TRIP OUT OF THE HOLE F/ 17,474' T/ 17,191'

DAILY DRILLING SUMMARY:  
 DRILL 6 3/4" PRODUCTION HOLE F/ 14,167' T/ 17474' ( 3,307' IN 21.5HRS @ 153.81 FPH )  
 LAST SURVEY: MD- 17372' TVD- 11,528' / INC: 89.79° / AZM: 70.95°.

ABOVE / BELOW: 6' BELOW

LEFT / RIGHT: 12' LEFT

HSE Risk  
 NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	10:45	4.75	2	Drilling	DRILL 6 3/4" PRODUCTION HOLE F/ 14,167' T/ 14,889' ( 722' @ 152 FPH ) WOB- 25/30K, GPM- 300, SPP- 5,475, DIFF- 1,050, RPM- 80, TRQ- 15K.
10:45	11:15	0.50	5	Circ/Cond	MWD LOST SYNC, CHANGE OUT TRANSDUCER AND CHANGE DECODER PROGRAM.
11:15	17:30	6.25	2	Drilling	DRILL 6 3/4" PRODUCTION HOLE F/ 14,889' T/ 15,962 ( 1,073' @ 171 FPH ) WOB- 25/30K, GPM- 300, SPP- 5,475, DIFF- 1,050, RPM- 80, TRQ- 15K.
17:30	18:00	0.50	5	Circ/Cond	SWAP MUD PUMPS, WASHED DISCHARGE GASKET ON # 2 DISCHARGE MANIFOLD, C/O WASHED 2" LOW TORQUE VALVE ON RIG FLOOR
18:00	03:30	9.50	2	Drilling	DRILL 6 3/4" PRODUCTION HOLE F/ 15,962' T/ 17,321' ( 1359' @ 143 FPH ) WOB- 25/30K, GPM- 300, SPP- 5,475, DIFF- 1,050, RPM- 80, TRQ- 15K.
03:30	03:45	0.25	20	Directional	DIRECTIONAL DOWNLINK ,SET RSS IN ABSOLUTE 10 RIGHT ( NO SUCCESS IN BUILD )
03:45	04:45	1.00	2	Drilling	DRILL 6 3/4" PRODUCTION HOLE F/ 17,321' T/ 17,474' ( 153' @ 153 FPH ) WOB- 25/30K, GPM- 300, SPP- 5,475, DIFF- 1,050, RPM- 80, TRQ- 15K.
04:45	05:30	0.75	5	Circ/Cond	CIRCULATE BOTTOMS UP PRIOR TO TRIP DUE TO RSS UNABLE TO BUILD ANGLE
05:30	05:45	0.25	23	Other	FLOW CHECK WELL ( WELL STATIC )
05:45	06:00	0.25	6	Trip	TRIP OUT OF THE HOLE F/ 17474' T/ 17,191'

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft²)
16:00	AES VERT	15,735.0	12.30	64	23.0	10.000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
7	8	13				23.3
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	56.6	20.1				372.0
Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft²)
04:00	AES VERT	17,455.0	12.30	63	23.0	11.000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
7	9	14				23.5
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	56.8	19.7				352.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
16,994.00	90.54	73.85	11,528.59	4,944.17	1,324.03	4,764.03	0.30	-0.13	-0.27
17,088.00	89.87	72.76	11,528.25	5,038.16	1,351.04	4,854.07	1.36	-0.71	-1.16
17,183.00	89.98	71.42	11,528.38	5,133.12	1,380.25	4,944.46	1.42	0.12	-1.41
17,278.00	89.90	70.63	11,528.48	5,228.02	1,411.14	5,034.30	0.84	-0.08	-0.83
17,372.00	89.79	70.95	11,528.73	5,321.89	1,442.07	5,123.06	0.36	-0.12	0.34

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	23	3/31/2024	0	3/31/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 14.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 11.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 89,915	Cum Field Est To Date (Cost) 2,306,584		
Start Depth (ftKB) 17,474.0	End Depth (ftKB) 17,474.0	Start Depth (TVD) (ftKB) 11,529.1	End Depth (TVD) (ftKB) 11,529.1	Target Depth (ftKB) 22,384	Target Formation Wolfcamp
Problem Time Hours (hr) 22.75	Cum Problem Time Hours (hr) 35.50	Percent Problem Time (%) 94.79	Cum Percent Problem Time (%) 12.74	Time Log - Problem Hours (hr) 1.25	Cum Up Time - Down Time (hr) 243.25

Operations at Report Time  
RIG UP TOP DRIVE WITH NABORS TOP DRIVE TECHNICIAN

Operations Next Report Period  
RIG UP TOP DRIVE, FUNCTION TEST TOP DRIVE, PICK UP FISHING TOOLS, TIH TO TOP OF FISH,

Operations Summary  
TRIP OUT OF HOLE F/ 17,191'- 16,956', PULLED TIGHT @ 16,956', STRING PARTED WITH 45K OVER STRING WEIGHT FOR A TOTAL OF 370K, TROUBLE SHOOT TOP DRIVE DUE TO SHOCK IMPACT FROM PIPE PARTING, REPAIR TOP DRIVE HYDRAULIC AND COMMUNICATION ISSUES. PERFORM DERRICK INSPECTION, TRIP OUT OF THE HOLE 8.5 JOINTS OF 4 1/2 JOINTS DP. LAY DOWN TOP DRIVE, INSPECT TOP DRIVE LOADING BRACKET WITH NABORS ENGINEER, INSPECT LOADING EARS WITH THIRD PARTY INSPECTOR, CRADLE NEW TOP DRIVE ON TOP DRIVE TRACK, PICK UP AND PIN TOP DRIVE TO DERRICK, RIG UP TOP DRIVE WITH NABORS TOP DRIVE TECHNICIAN

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	07:15	1.25	6	Trip	TRIP OUT OF THE HOLE F/ 17,191' T/ 16,956'
07:15	07:30	0.25	23	Other	PULLED TIGHT @ 16,956', PULLED 45K OVER PICK UP WEIGHT @ 325K FOR A TOTAL OF 370K, DRILL STRING PARTED.
07:30	10:30	3.00	23	Other	TROUBLE SHOOT TOP DRIVE HYDRAULIC AND COMMUNICATION ISSUES
10:30	10:45	0.25	6	Trip	TRIP OUT OF THE HOLE WITH 8 & 1/2 JOINTS OF 4.5" DRILL PIPE
10:45	12:15	1.50	23	Other	PERFORM DERRICK INSPECTION, TOP DRIVE, BLOCK ASSEMBLY & CROWN SECTION
12:15	12:30	0.25	23	Other	PJSM WITH RIG CREWS, CALLON REPS, NABORS FIELD SUPERINTENDENT, RIG MANAGER, CRANE OPERATOR & RIGGERS,
12:30	20:30	8.00	23	Other	RIG DOWN TOP DRIVE & RIG UP THIRD PARTY CRANE AND UN PIN TOP DRIVE FROM DERRICK AND LAY OUT ON TOP DRIVE TRACK.
20:30	22:00	1.50	23	Other	PERFORM SECONDARY DERRICK INSPECTION,
22:00	23:30	1.50	23	Other	INSPECT TOP DRIVE CRADLE BRACKET WITH THIRD PARTY INSPECTOR ( BRACKET BENT)
23:30	00:30	1.00	23	Other	REPAIR TOP DRIVE CRADLE BRACKET WITH NABORS ENGINEER
00:30	01:30	1.00	23	Other	RE-INSPECT TOP DRIVE CRADLE BRACKET WITH THIRD PARTY INSPECTOR ( GOOD NO ISSUES PRESENT )
01:30	02:00	0.50	23	Other	WITH RIG CREWS, CALLON REPS, NABORS FIELD SUPERINTENDENT, RIG MANAGER, CRANE OPERATOR & RIGGERS, ( TOPIC DISCUSSED PINNING TOP DRIVE TO DERRICK AND RIG UP OPERATIONS
02:00	03:00	1.00	23	Other	UNLOAD NEW TOP DRIVE FROM TRUCK & CRADLE TO TOP DRIVE LOWER TRACK SECTION
03:00	04:30	1.50	23	Other	PIN TOP DRIVE TO DERRICK USING THIRD PARTY CRANE
04:30	06:00	1.50	23	Other	RIG UP TOP DRIVE WITH TOP DRIVE TECHNICAIN AND RIG CREWS

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	25	4/1/2024	0	4/1/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1K 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 15.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 12.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 81,886	Cum Field Est To Date (Cost) 2,388,471
Start Depth (ftKB) 17,474.0	End Depth (ftKB) 17,474.0	Start Depth (TVD) (ftKB) 11,529.1	End Depth (TVD) (ftKB) 11,529.1
Target Depth (ftKB) 22,384	Target Formation Wolfcamp		
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 59.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 19.65
Time Log - Problem Hours (hr) 0.00	Cum Up Time - Down Time (hr) 243.25		

Operations at Report Time  
HANG TOP DRIVE & BLOCK ASSEMBLY TO INSTALL DRILL LINE ON DEAD MAN CROWN SHEAVE

Operations Next Report Period  
INSTALL DRILL LINE OF DEAD MAN CROWN SHEAVE, TROUBLE SHOOT TOP DRIVE, TOH TO OBSERVE WHERE DRILL STRING PARTED,

Operations Summary  
INSTALL KELLY HOSE, WIRE IN SERVICE LOOP, INSTALL BAILS AND ELEVATORS, INSTALL IBOP AND SAVOR SUB, CLEAR RIG FLOOR, PULL ROTATING HEAD, INSTALL TRIP NIPPLE, M/U OVER SHOT, P/U SINGLES AND RUN IN THE HOLE T/ 814' ( TOF ), NOT ABLE TO LATCH STANDS OUT OF DERRICK DUE TO HIGH WINDS, FISH, LOST FISH WITH 290K STRING WEIGHT, TRIP OUT OF HOLE LAYING DOWN PIPE DUE TO HIGH WINDS, LD FISHING BHA, PU MILLING BHA, TIH, TAG TOP OF FISH, MILL 4.5" DRILL PIPE, TRIP OUT OF THE HOLE, LD DOWN MILLING ASSEMBLY, PICK UP FISHING BHA, TIH, TAG TOP OF FISH, WASH DOWN AND LATCH FISH, ATTEMPT TO TRIP OUT OF THE HOLE, DRILL STRING PARTED CAUSING DRILL LINE TO JUMP CROWN SHEEVE, HANG BLOCK ASSEMBLY AND INSTALL DRILL LINE ON DEAD MAN CROWN SHEAVE,

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	14:00	8.00	23	Other	INSTALL KELLY HOSE, WIRE IN SERVICE LOOP, INSTALL BAILS AND ELEVATORS, INSTALL IBOP AND SAVOR SUB.
14:00	15:00	1.00	23	Other	CLEAR RIG FLOOR, PULL ROTATING HEAD, INSTALL TRIP NIPPLE.
15:00	18:00	3.00	6	Trip	M/U OVER SHOT, P/U SINGLES AND RUN IN THE HOLE T/ 814' ( TOF ). NOTE: NOT ABLE TO LATCH STANDS OUT OF DERRICK DUE TO HIGH WINDS.
18:00	18:45	0.75	19	Fishing	TAG TOP OF FISH @ 814', ENGAGE PUMPS @ 210 GPM,400 PSI, SLIDE OVER TOP OF FISH PRESSURE RAISED TO 1180 PSI,STACKED 15K ON TOP OF FISH, ATTEMPT TO TRIP OUT OF THE HOLE WITH FISH AND GRAPPLE BROKE AT 290K - ( 30K UNDER DRY PULL STRING WEIGHT ) FISH FELL OFF.
18:45	19:45	1.00	6	Trip	TRIPPING OUT OF HOLE LAYING DOWN DRILL PIPE DUE TO HIGH WINDS ( NO FISH )
19:45	20:45	1.00	95	L/D BHA	PJSM, LD DOWN FISHING TOOLS, OBSERVED GRAPPLES MISSING ( NOT IN OVERSHOT )
20:45	21:00	0.25	94	P/U BHA	STRAP & CALIPER FISHING TOOLS, BURN SHOE, TOP SUB & XO
21:00	21:45	0.75	94	P/U BHA	PICK UP AND MAKE UP FISHING BHA # 2 CONSISTING OF BURTN SHOE, TOP SUB, XO,
21:45	22:15	0.50	6	Trip	TRIP IN THE HOLE WITH MILLING ASSEMBLY
22:15	00:45	2.50	19	Fishing	TAG TOP OF FISH @ 814', MILL DRILL PIPE F/ 814' T/818' WITH 300 GPM, 105 PSI, 60 RPM'S 2-4.5K TQ
00:45	01:15	0.50	6	Trip	TRIP OUT OF THE HOLE WITH MILLING ASSEMBLY
01:15	01:45	0.50	95	L/D BHA	BREAK AND LAY OUT MILLING ASSEMBLY, ( SIGNS THAT CUT RITE WAS MILING DP )_
01:45	02:45	1.00	94	P/U BHA	PICK UP AND MAKE UP 5-3/4" OVER SHOT DRESSED WITH 4.5" GRAPPLE, WELD XO AND SUB WITH THIRD PARTY WELDER
02:45	03:15	0.50	6	Trip	TRIP IN HOLE TO TOP OF FISH @ 814'
03:15	03:30	0.25	19	Fishing	TAG TOP OF FISH, ENGAGE MUD PUMPS @ 250 GPM WITH 217 PSI, SLACK OFF ON TOP OF FISH WITH 15K SLACK OFF WEIGHT, PRESSURE SPIKED TO 647, PICKED UP TO 75K AND SLACKED OFF TO 15K FOR A TOTAL OF THREE TIMES, ( CONFIRMED FISH )
03:30	03:45	0.25	6	Trip	ATTEMPT TO TRIP OUT OF THE HOLE WHILE SCREWED INTO TOP DRIVE, DRILL STRING PARTED AT 350K ( 30K OVER DRY PULL OF 320K )
03:45	04:15	0.50	23	Other	DRUM BACK LASHED WHEN PIPE PARTED CAUSING DRILL LINE TO JUMP CROWN SHEAVE, TROUBLE SHOOT HYDRAULIC LEAK ON TOP DRIVE ( FOUND TOP DRIVE VALVE BANK BLEW A SEAL )
04:15	06:00	1.75	23	Other	HANG TOP DRIVE AND BLOCK ASSEMBLY TO INSTALL DRILL LINE BACK ON DEAD MAN CROWN SHEAVE

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
16:00	AES VERT	17,474.0	12.25	72	25.0	10.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
6	8	13				23.2
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	56.9	19.9				329.0
Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
04:00	AES VERT	17,474.0	12.25	75	25.0	10.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
6	8	13				23.2
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	56.8	20.0				323.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	27	4/2/2024	0	4/2/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1K 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 16.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 13.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 153,673	Cum Field Est To Date (Cost) 2,542,143		
Start Depth (ftKB) 17,474.0	End Depth (ftKB) 17,474.0	Start Depth (TVD) (ftKB) 11,529.1	End Depth (TVD) (ftKB) 11,529.1	Target Depth (ftKB) 22,384	Target Formation Wolfcamp
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 83.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 25.55	Time Log - Problem Hours (hr) 0.00	Cum Up Time - Down Time (hr) 243.25

Operations at Report Time REMOVE TOP DRIVE F/ DERRICK.	Operations Next Report Period INSTALL AND DRESS OUT NEW TOP DRIVE, M/U OVER SHOT, TRIP IN THE HOLE T/ TOF.
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Operations Summary  
REPAIR HYD LEAK ON TOP DRIVE, BREAK SAVOR SUB FROM STUMP W/ RIG TONGS, P/U TOP DRIVE AND BLOCKS WITH CRANE AND HANG OFF ON DERRICK, INSTALL DRILL LINE BACK INTO CROWN SHEEVE, HANG TOP DRIVE BACK IN DERRICK, SLIP AND CUT DAMAGED DRILLING LINE, POOH, R/D AND TOP DRIVE.

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	19:00	13.00	23	Other	REPAIR HYD LEAK ON TOP DRIVE, BREAK SAVOR SUB FROM STUMP W/ RIG TONGS, P/U TOP DRIVE AND BLOCKS WITH CRANE AND HANG OFF ON DERRICK, INSTALL DRILL LINE BACK INTO CROWN SHEEVE, HANG TOP DRIVE BACK IN DERRICK,
19:00	00:15	5.25	9	Cut Drill Line	SLIP AND CUT 1,100' DRILL LINE ( NEW TOP DRIVE ON LOCATION ON 4-2-2024 @ 21:30 )
00:15	02:45	2.50	6	Trip	TRIP OUT OF THE HOLE WITH FISHING BHA USING MOUSE HOLE DUE TO HYDRAULIC ISSUES ( LEFT 4.5" SPIRAL GRAPPLE IN THE HOLE )
02:45	03:00	0.25	34	Safety	PJSM WITH RIG CREWS, RIG MANGER, TOP DRIVE TECHNICIANS, NABORS FIELD SUPERINTENDENT, APACHE SAFETY REP, APACHE COMPANY REP, CRANE OPERATOR & CREW MEMBERS.
03:00	06:00	3.00	23	Other	RIG DOWN AND MOVE OUT CATWALK, RIG DOWN TOP DRIVE SERVICE LOOP, & HYDRAULIC LINES, SET TOP DRIVE ON LOADING PINS, UNDOCK TOP DRIVE FROM DERRICK AND LAY OUT WITH THIRD PARTY CRANE

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft²)
16:00	AES VERT	17,474.0	12.25	76	26.0	9,000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
6	8	12				23.5
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	56.3	20.2				305.0
Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft²)
04:00	AES VERT	17,474.0	12.30	77	27.0	9,000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
6	8	12				23.4
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	56.4	20.2				311.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	28	4/2/2024	0	4/3/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 17.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 14.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 156,436	Cum Field Est To Date (Cost) 2,698,579		
Start Depth (ftKB) 17,474.0	End Depth (ftKB) 17,474.0	Start Depth (TVD) (ftKB) 11,529.1	End Depth (TVD) (ftKB) 11,529.1	Target Depth (ftKB) 22,384	Target Formation Wolfcamp
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 107.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 30.65	Time Log - Problem Hours (hr) 0.00	Cum Up Time - Down Time (hr) 243.25

Operations at Report Time PICK UP AND MAKE UP VES 2.69" OD JET CUTTER	Operations Next Report Period RIH WITH VES JET CUTTER, CUT PIPE AT 10,300' +-, TRIP OUT OF THE HOLE LAYING DOWN DP, PICK UP 4.5" DP & TRIP IN HOLE TO TOP OF FISH.
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Operations Summary  
R/D TOP DRIVE, HANG OFF IN DERRICK AND UNPIN BLOCKS F/ TOP DRIVE, REMOVE TOP DRIVE FROM DERRICK, INSTALL NEW TOP DRIVE AND DRESS OUT, M/U OVER SHOT, TIH TO TOF, LATCH ONTO FISH, R/U WIRE LINE, RUN IN THE HOLE T/ 10,840', POOH WITH WIRE LINE F/ 10,840' T/ SURFACE, RD DOWN VES TOOLS, RU VES JET CUTTER

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	20:45	14.75	23	Other	R/D TOP DRIVE, HANG OFF IN DERRICK AND UNPIN BLOCKS F/ TOP DRIVE, REMOVE TOP DRIVE FROM DERRICK, INSTALL NEW TOP DRIVE AND DRESS OUT.
20:45	21:00	0.25	34	Safety	PJSM WITH RIG CREWS, CALLON REPS, NABORS FIELD SUPERINTENDENT, RIG MANAGER, ON PICKING UP FISHING TOOLS
21:00	21:30	0.50	94	P/U BHA	PICK UP AND MAKE UP 5-3/4" OVER SHOT DRESSED WITH 4.5" GRAPPLE
21:30	21:45	0.25	6	Trip	TIH TO TOP @ 814'
21:45	22:15	0.50	7	Service Rig	CHANGE OUT TOP DRIVE SWIVEL PACKING
22:15	22:30	0.25	19	Fishing	TAG TOP OF FISH @ 814' ,
22:30	00:15	1.75	5	Circ/Cond	BREAK CIRCULATION & CIRCULATE VERTICAL SECTION CLEAN ( 200 BBLs 3700 STROKES )
00:15	00:30	0.25	34	Safety	PJSM WITH RIG CREWS, CALLON REPS, NABORS FIELD SUPERINTENDENT, RIG MANAGER, APACHE SAFETY REP, VES WIRELINE ( RIGGING UP WIRELINE TRUCK AND HANGING TOP SHEAVE ON CROWN SECTION
00:30	02:00	1.50	23	Other	RIG UP VES EQUIPMENT AND HANG TOP SHEAVE IN DERRICK
02:00	03:00	1.00	23	Other	BACK OUT 4-3/4" ACME PLUG ON TOP DRIVE & INSTALL VES PACK OFF ASSEMBLY
03:00	04:15	1.25	23	Other	RIH HOLE WITH VES SINKER BAR AND 2.30" GAUGE RING T/10,840' ( KOP )
04:15	05:45	1.50	23	Other	POOH WITH VES WIRELINE F/ 10,840' T/ SURFACE
05:45	06:00	0.25	23	Other	RD VES GAUGE RING & MU 2.69" JET CUTTER

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
16:00	AES VERT	17,474.0	12.30	77	26.0	10.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
6	8	12				23.5
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	56.3	20.3				307.0
04:00	AES VERT	17,474.0	12.30	76	26.0	8.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
6	8	12				23.4
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	56.3	20.3				322.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	31	4/4/2024	0	4/4/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 18.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 15.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 91,597	Cum Field Est To Date (Cost) 2,790,176
Start Depth (ftKB) 17,474.0	End Depth (ftKB) 17,474.0	Start Depth (TVD) (ftKB) 11,529.1	End Depth (TVD) (ftKB) 11,529.1
Target Depth (ftKB) 22,384	Target Formation Wolfcamp		
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 131.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 35.09
Time Log - Problem Hours (hr) 0.00		Cum Up Time - Down Time (hr) 243.25	

Operations at Report Time TRIP OUT OF THE HOLE WITH FISH @ 1,203'	Operations Next Report Period TRIP OUT OF THE HOLE, LD FISH, PU & MU SCREW IN SUB, TIH, FISH, TRIP OUT OF THE HOLE WITH FISH & LDDP
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Operations Summary  
R/D WIRE LINE, ATTEMPT TO PULL FISH OUT THE HOLE ( NO SUCCESS ), RELEASE GRAPPLE, POOH, REMOVE OVER SHOT, M/U ANOTHER OVER SHOT W/ NEW GRAPPLE AND WELD CONNECTIONS, TIH, R/U WIRE LINE, RIH WITH WIRELINE TO 1429'. ATTEMPT TO PUT LEFT HAND TORQUE INTO FISH, FISH BACKED OUT AT ORIGINAL BACK OFF @ 1,488', PULL TEST GAINED 10K EXTRA STRING WEIGHT, POOH WITH WIRELINE, RD WIRELINE UNIT AND EQUIPMENT, TRIP OUT OF HOLE WITH FISH

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	06:45	0.75	23	Other	RUN IN THE HOLE WITH WIRE LINE JET CUTTER AND CUT DRILL PIPE @ 10,310'.
06:45	08:15	1.50	23	Other	POOH W/ WIRE LINE AND R/D SAME.
08:15	09:00	0.75	23	Other	L/D 1 JOINT OF DRILL PIPE, CLEAN AND ORGANIZE FLOOR OF HAZARDS.
09:00	09:30	0.50	34	Safety	HOLD PJSM ON POTENTIAL HAZARDS ASSOCIATED WITH JOB TASK.
09:30	10:15	0.75	23	Other	ATTEMPT TO WORK PIPE FREE ( UNSUCCESSFUL ) PULLING UP TO 270K AND SLACKING OFF T/ 100K.
10:15	12:30	2.25	23	Other	RELEASE GRAPPLE FROM FISH AND HAD TO CHASE FISH 62' BACK DOWN TO BOTTOM.
12:30	13:00	0.50	6	Trip	TRIP OUT OF THE HOLE
13:00	13:30	0.50	95	L/D BHA	PJSM, LD DOWN FISHING TOOLS, ( NO FISH )
13:30	14:30	1.00	23	Other	CLEAN RIG FLOOR OF ALL TRIP HAZARDS,
14:30	15:00	0.50	7	Service Rig	SERVICE RIG
15:00	16:00	1.00	94	P/U BHA	PJSM, PICK UP AND MAKE UP 5-3/4" EXTENTION, 5-3/4" OVER SHOT DRESSED WITH 4.5" GRAPPLE , LAY DOWN TO WELD BREAKS WITH THIRD PARTY WELDER
16:00	16:30	0.50	35	Well Control	TRIP IN THRE HOLE TAG TOP OF FISH @ 814' , LATCH ONTO FISH
16:30	16:45	0.25	19	Fishing	PJSM WITH RIG CREWS, CALLON REPS, NABORS FIELD SUPERINTENDENT, RIG MANAGER, APACHE SAFETY REP, VES WIRELINE ( RIGGING UP WIRELINE TRUCK AND HANGING TOP SHEAVE ON CROWN SECTION
16:45	18:15	1.50	34	Safety	RIG UP VES EQUIPMENT AND HANG TOP SHEAVE IN DERRICK
18:15	18:45	0.50	23	Other	RIH HOLE WITH VES FREE POINT TO 1500'
18:45	19:15	0.50	23	Other	POOH WITH WIRELINE & FREE POINT TOOLS
19:15	20:15	1.00	23	Other	PJSM MAKE UP WITH VES AND MAKE UP STRING SHOT AND RIH TO BACK OFF DEPTH OF 1,488'
20:15	20:30	0.25	19	Fishing	WRAP LEFT HANDED TORQUE IN DRILL STRING AND BACK OFF DRILL STRING WITH VES WIRELINE UNIT @ 1,488'
20:30	21:00	0.50	23	Other	POOH WITH VES STRING SHOT WIRELINE TOOLS & LAY DOWN SAME
21:00	22:00	1.00	23	Other	PJSM, RIG DOWN VES WIRELINE SHEAVE
22:00	23:00	1.00	6	Trip	TRIP OUT OF THE HOLE FROM 814' ( NO FISH ) BACKED OUT OF GRAPPLES ON WIRELINE BACK OFF.
23:00	23:15	0.25	95	L/D BHA	LAY DOWN FISHING BHA
23:15	00:15	1.00	94	P/U BHA	PJSM, PICK UP AND MAKE UP 5-3/4" 3' EXTENSION, 5-3/4" OVER SHOT DRESSED WITH 4.5" GRAPPLE , LAY DOWN TO WELD BREAKS WITH THIRD PARTY WELDER
00:15	01:45	1.50	6	Trip	TRIP IN HOLE WITH FISHING BHA & 27 JOINTS OF 4.5" HWDP TO TOP OF FISH @ 814'
01:45	02:15	0.50	5	Circ/Cond	BREAK CIRCULATION & CIRCULATE BTMS UP @ 800'
02:15	02:45	0.50	19	Fishing	WORK OVER TOP OF FISH T/ 830' , LATCH FISH, SLACK OFF FROM 75K T/ 62K CONFIRM FISH & PULL UP T/ 100K
02:45	03:45	1.00	23	Other	PJSM WITH RIG CREWS, CALLON REPS, RIG MANAGER, APACHE SAFETY REP, VES WIRELINE ( RIGGING UP WIRELINE TRUCK AND HANGING TOP SHEAVE ON CROWN SECTION
03:45	04:00	0.25	23	Other	PJSM WITH VES AND MAKE UP STRING SHOT AND RIH TO BACK OFF DEPTH OF 1429'
04:00	04:30	0.50	19	Fishing	WRAP LEFT HANDED TORQUE IN DRILL STRING @ 1,429' ( WIRELINE DEPTH ) UNABLE TO TRAP LEFT HAND TORQUE DRILL STRING BACKED OFF @ 1,488' ( ORIGINAL BACK OFF DEPTH )
04:30	04:45	0.25	23	Other	POOH WITH VES WIRELINE AND L;AYDOWN TOOL
04:45	05:45	1.00	23	Other	PJSM, RIG DOWN VES WIRELINE SHEAVE
05:45	06:00	0.25	6	Trip	TRIP OUT OF THE HOLE FROM 1,488' T/ 1,203'

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
16:00	AES VERT	17,474.0	12.30	77	28.0	8.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
6	8	12				23.4
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	56.4	20.3				310.0
Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
04:00	AES VERT	17,474.0	12.20	82	29.0	9.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
6	8	12				23.0
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	56.8	20.2				304.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50

**Well Name: UL GENE PARMESAN A5 11UA**

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	33	4/5/2024	0	4/5/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 19.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 16.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 91,815	Cum Field Est To Date (Cost) 2,881,991
Start Depth (ftKB) 17,474.0	End Depth (ftKB) 17,474.0	Start Depth (TVD) (ftKB) 11,529.1	End Depth (TVD) (ftKB) 11,529.1
Target Depth (ftKB) 22,384	Target Formation Wolfcamp		
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 155.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 39.00
Time Log - Problem Hours (hr) 0.00		Cum Up Time - Down Time (hr) 243.25	

Operations at Report Time TRIP OUT OF THE HOLE LAYING DOWN DRILL PIPE @ 6,638'	Operations Next Report Period TRIP OUT OF THE HOLE LAYING DOWN DRILL PIPE, MAKE UP FISHING BHA, TRIP IN THE HOLE TO TOP OF FISH @ 10,310', LATCH FISH, TRIP OUT OF THE HOLE WITH FISH.
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Operations Summary  
M/U SCREW IN SUB AND JARS, TIH T/ TOF @ 1,488', SCREW INTO FISH, ESTABLISH CIRCULATION, BACK REAM OUT THE HOLE F/ 10,310' T/7,583', TRIP OUT OF THE HOLE LAYING DOWN DRILL PIPE F/ 7583' T/

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	06:15	0.25	6	Trip	HOLD PJSM: M/U SCREW IN SUB AND JARS.
06:15	10:15	4.00	6	Trip	TRIP IN THE HOLE T/ TOF @ 1,488'.
10:15	11:00	0.75	23	Other	PULL TRIP NIPPLE AND INSTALL ROTATING HEAD.
11:00	11:15	0.25	19	Fishing	SCREW INTO FISH AND ESTABLISH CIRCULATION.
11:15	22:30	11.25	3	Reaming	BACK REAM OUT THE HOLE F/ 10,310' T/ 8,822 WORKING THROUGH TIGHT SPOTS AS NEEDED, RPM- 60, TRQ- 10/20K, GPM- 150/325, P/U- 270K, R/W- 220K, S/O- 150K.
22:30	22:45	0.25	95	L/D BHA	LAY DOWN FISHING JARS & SCREW IN SUB
22:45	04:45	6.00	3	Reaming	BACK REAM OUT THE HOLE F/ 8,832' T/ 7,583' WORKING THROUGH TIGHT SPOTS AS NEEDED, RPM- 60, TRQ- 10/23K, GPM- 150/325, P/U- 270K, R/W- 220K, S/O- 150K. WHILE BACK REAMING @ 7583' STRING WEIGHT DROPPED F/ 220K T/ 160K, WITH A PUMP PRESSURE DROP F/ 450 T/ 325 PSI.
04:45	06:00	1.25	6	Trip	TRIP OUT OF THE HOLE ON ELEVATORS LAYING DOWN DRILL PIPE F/ 7583' T/ 6,638'

**Mud Checks**

Time 17:00	Type AES VERT	Depth (ftKB) 17,474.0	Density (lb/gal) 12.40	Funnel Viscosity (s/qt) 81	PV Calc (cP) 25.0	YP Calc (lbf/100ft²) 7.000
Gel 10 sec (lbf/100ft²) 5	Gel 10 min (lbf/100ft²) 7	Gel 30 min (lbf/100ft²) 12	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 23.8
MBT (lb/bbl)	Percent Oil (%) 56.2	Percent Water (%) 20.0	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V) 321.0
Time 04:00	Type AES VERT	Depth (ftKB) 17,474.0	Density (lb/gal) 12.30	Funnel Viscosity (s/qt) 79	PV Calc (cP) 23.0	YP Calc (lbf/100ft²) 8.000
Gel 10 sec (lbf/100ft²) 5	Gel 10 min (lbf/100ft²) 7	Gel 30 min (lbf/100ft²) 11	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 23.5
MBT (lb/bbl)	Percent Oil (%) 56.5	Percent Water (%) 20.0	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V) 301.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	35	4/6/2024	0	4/6/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 20.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 17.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 89,812	Cum Field Est To Date (Cost) 2,971,803		
Start Depth (ftKB) 17,474.0	End Depth (ftKB) 17,474.0	Start Depth (TVD) (ftKB) 11,529.1	End Depth (TVD) (ftKB) 11,529.1	Target Depth (ftKB) 22,384	Target Formation Wolfcamp
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 179.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 42.46	Time Log - Problem Hours (hr) 0.00	Cum Up Time - Down Time (hr) 243.25

Operations at Report Time TRIP IN THE HOLE PICKING UP SINGLES @ 6,043'	Operations Next Report Period TRIP IN HOLE T/ TOP OF FISH, PERFORM MILLING OPERATIONS,
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Operations Summary  
LAY DOWN 4.5" DRILL PIPE F/ 6,638' T/ SURFACE, PERFORM DROPS INSPECTION ON DERRICK, HOLD PJSM: LAY DOWN DRILL PIPE OUT OF THE MOUSE HOLE, PICK UP 4.5" DP & RACK IN DERRICK, PICK UP AND MAKE UP FISHING TOOLS CONSISTING OF 6-5/8" MILL, 2- PIPE BASKETS, XO, FLOAT SUB, STRING MAGNET, XO, 1 JNT OF 4.5" DP, TIH PICKING UP SINGLES T/ 6,043'

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	14:30	8.50	6	Trip	LAY DOWN 4.5" DRILL PIPE F/ 6,638' T/ SURFACE, HOLE TAKING PROPER DISPLACEMENT. NOTE: RECOVERED 281 FULL JOINTS AND 10' OF THE CUT JOINT OF DRILL PIPE BELOW SCREW IN SUB.
14:30	15:00	0.50	23	Other	CLEAN AND ORGANIZE RIG FLOOR.
15:00	15:30	0.50	7	Service Rig	SERVICE RIG.
15:30	16:00	0.50	34	Safety	PERFORM DROPS INSPECTION ON DERRICK.
16:00	19:30	3.50	23	Other	HOLD PJSM: LAY DOWN DRILL PIPE OUT OF THE MOUSEHOLE.
19:30	20:45	1.25	34	Safety	HOLD, PJSM PICK UP 4.5" DP & RACK BACK IN DERRICK
20:45	22:00	1.25	94	P/U BHA	PJSM, PICK UP AND MAKE UP 6-5/8" MILL BHA (MILL, 2- JUNK BASKETS, BIT SUB, FLOAT SUB, STRING MAGNET, JARS, XO, 1- 4.5" DP
22:00	22:45	0.75	6	Trip	TRIP IN THE HOLE F/ 78.15' T/ 1,020'
22:45	06:00	7.25	6	Trip	TRIP IN THE HOLE ( PICKING 4.5" DRILL PIPE OFF PIPE RACK ) F/ 1,020' T/ 6,043'

**Mud Checks**

Time 14:00	Type AES VERT	Depth (ftKB) 17,474.0	Density (lb/gal) 12.40	Funnel Viscosity (s/qt) 85	PV Calc (cP) 30.0	YP Calc (lb/100ft²) 9.000
Gel 10 sec (lb/100ft²) 7	Gel 10 min (lb/100ft²) 9	Gel 30 min (lb/100ft²) 12	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 24.0
MBT (lb/bbl)	Percent Oil (%) 55.0	Percent Water (%) 21.0	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V) 299.0
Time 04:00	Type AES VERT	Depth (ftKB) 17,474.0	Density (lb/gal) 12.30	Funnel Viscosity (s/qt) 87	PV Calc (cP) 29.0	YP Calc (lb/100ft²) 9.000
Gel 10 sec (lb/100ft²) 7	Gel 10 min (lb/100ft²) 9	Gel 30 min (lb/100ft²) 12	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 23.5
MBT (lb/bbl)	Percent Oil (%) 55.5	Percent Water (%) 21.0	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V) 304.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	37	4/7/2024	0	4/7/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 21.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 18.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 315,402	Cum Field Est To Date (Cost) 3,287,205
Start Depth (ftKB) 17,474.0	End Depth (ftKB) 17,474.0	Start Depth (TVD) (ftKB) 11,529.1	End Depth (TVD) (ftKB) 11,529.1
Target Depth (ftKB) 22,384	Target Formation Wolfcamp		
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 203.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 45.55
Time Log - Problem Hours (hr) 0.00		Cum Up Time - Down Time (hr) 243.25	

Operations at Report Time TRIPPING IN THE HOLE WITH OVERSHOT FISHING ASSEMBLY @ 3,365	Operations Next Report Period TRIP IN THE HOLE WITH FISHING ASSEMBLY, LATCH FISH, RU VES WIRE LINE, RIH WITH WIRE LINE MAGNETS, POOH WITH WIRE LINE MAGNETS, RIH WITH WIRE LINE BACK OFF ASSEMBLY, BACK OFF FISH, POOH WITH WIRE LINE, TRIP OUT OF THE HOLE, PICK UP FISHING SCREW IN SUB, TRIP IN HOLE,
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Operations Summary  
P/U DRILL PIPE AND RUN IN THE HOLE F/ 6,043' T/ 9,505', TAGGED UP @ 9,505', PUSH FISH TO BOTTOM WITH 10/20K, P/U DRILL PIPE AND RUN IN THE HOLE F/ 9,505' T/ 10,377', MILL ON FISH F/ 10,377' T/10,383. MADE 6' IN 8.5 HRS @ 0.70 FPH, TRIP OUT OF THE HOLE TO PICK UP OVER SHOT F/ 10,383' TO MILLING ASSEMBLY, LAY DOWN MILLING ASSEMBLY, PICK UP AND MAKE UP OVER SHOT FISHING ASSEMBLY, TRIP IN THE HOLE TO TOP OF FISH

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	12:30	6.50	6	Trip	P/U DRILL PIPE AND RUN IN THE HOLE F/ 6,043' T/ 9,505'. NOTE: TAGGED UP @ 9,505', PUSH FISH TO BOTTOM WITH 10/20K.
12:30	13:30	1.00	6	Trip	P/U DRILL PIPE AND RUN IN THE HOLE F/ 9,505' T/ 10,377'.
13:30	22:00	8.50	3	Reaming	MILL ON FISH F/ 10,377' T/ 10,384', WOB- 3-5K, GPM- 220, SPP- 660-1174, RPM- 45, OFF BTM TRQ- 6,500, ON BTM TRQ- 6100-8,000. P/U- 240K R/W- 180K S/O- 160K
22:00	00:30	2.50	6	Trip	TRIP OUT OF THE HOLE F/ 10384' T/ 2,938'
00:30	01:00	0.50	23	Other	REMOVE ROTATING HEAD ELEMENT & INSTALL TRIP NIPPLE
01:00	02:00	1.00	6	Trip	TRIP OUT OF THE HOLE F/ 2,938' T/ MILLING BHA
02:00	03:00	1.00	95	L/D BHA	PJSM, BREAK OUT AND LAY DOWN MILL ASSEMBLY
03:00	04:00	1.00	94	P/U BHA	PJSM, PICK UP AND MAKE UP OVER SHOT FISHING ASSEMBLY CONSISTING OF - CUT LIP SHOE DRESSED WITH INTERNAL CUT RITE, EXTENSION, BOWL DRESSED WITH 4.5" GRAPPLES, EXTENSION, XO, DP
04:00	06:00	2.00	6	Trip	TRIP IN THE HOLE WITH OVERSHOT FISHING ASSEMBLY F/ SURFACE T/ 3,365'

**Mud Checks**

Time 17:00	Type AES VERT	Depth (ftKB) 17,474.0	Density (lb/gal) 12.30	Funnel Viscosity (s/qt) 85	PV Calc (cP) 30.0	YP Calc (lb/100ft²) 9,000
Gel 10 sec (lb/100ft²) 7	Gel 10 min (lb/100ft²) 10	Gel 30 min (lb/100ft²) 12	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 23.8
MBT (lb/bbl)	Percent Oil (%) 55.8	Percent Water (%) 20.5	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V) 310.0
Time 04:00	Type AES VERT	Depth (ftKB) 17,474.0	Density (lb/gal) 12.20	Funnel Viscosity (s/qt) 87	PV Calc (cP) 29.0	YP Calc (lb/100ft²) 9,000
Gel 10 sec (lb/100ft²) 7	Gel 10 min (lb/100ft²) 9	Gel 30 min (lb/100ft²) 12	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 23.3
MBT (lb/bbl)	Percent Oil (%) 55.8	Percent Water (%) 21.0	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V) 298.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	39	4/8/2024	0	4/8/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 22.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 19.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 111,318	Cum Field Est To Date (Cost) 3,398,524		
Start Depth (ftKB) 17,474.0	End Depth (ftKB) 17,474.0	Start Depth (TVD) (ftKB) 11,529.1	End Depth (TVD) (ftKB) 11,529.1	Target Depth (ftKB) 22,384	Target Formation Wolfcamp
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 227.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 48.33	Time Log - Problem Hours (hr) 0.00	Cum Up Time - Down Time (hr) 243.25

Operations at Report Time TRIPPING OUT THE HOLE @ 13,720'.	Operations Next Report Period POOH WORKING TIGHT HOLE.
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Operations Summary  
TRIP IN THE HOLE F/ 3,365' T/ 10,384', LATCH ONTO FISH WITH OVER SHOT AND GRAPPLE @ 10,384', TRIP OUT THE HOLE F/ 17,474' T/ 13,720', WORKING TIGHT HOLE 380K UP AND 160K DOWN.

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	13:00	7.00	6	Trip	TRIP IN THE HOLE F/ 3,365' T/ 10,384', HOLE GIVING BACK PROPER DISPLACEMENT.
13:00	13:30	0.50	19	Fishing	LATCH ONTO FISH WITH OVER SHOT AND GRAPPLE @ 10,384'.
13:30	06:00	16.50	6	Trip	TRIP OUT THE HOLE F/ 17,474' T/ 13,720', WORKING TIGHT HOLE 380K UP AND 160K DOWN.

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft²)
17:00	AES VERT	17,474.0	12.20	90	28.0	9.000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
7	9	12				23.3
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	56.0	20.8				307.0
04:00	AES VERT	17,474.0	12.20	91	28.0	8.000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
7	9	12				23.3
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	55.8	21.0				314.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	39	4/8/2024	0	4/9/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 23.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 20.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 91,982	Cum Field Est To Date (Cost) 3,490,506		
Start Depth (ftKB) 17,474.0	End Depth (ftKB) 17,474.0	Start Depth (TVD) (ftKB) 11,529.1	End Depth (TVD) (ftKB) 11,529.1	Target Depth (ftKB) 22,384	Target Formation Wolfcamp
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 251.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 50.83	Time Log - Problem Hours (hr) 0.00	Cum Up Time - Down Time (hr) 243.25

Operations at Report Time  
MOVE NEW DRILL PIPE F/ DRILLER SIDE TO OFF DRILLER SIDE OF DERRICK.

Operations Next Report Period  
MAKE UP 6 3/4" MILL TOOTH BIT AND DRILL N REAM, TRIP IN THE HOLE AND PERFORM CLEAN UP CYCLE, POOH TO P/U RSS BHA.

**Operations Summary**

TRIP OUT THE HOLE F/ 13,720' T/12,150', WORKING TIGHT HOLE 380K UP AND 160K DOWN, CIRCULATE AND WORK STUCK PIPE F/ 12,134' T/ 12,180' 380K UP AND 120K DOWN WHILE PUMPING @ 300 GPM\_ 2,000 PSI. NO SUCCESS, RIG UP VAUGHN ENERGY SERVICES AND RUN IN HOLE WITH 2.25" MAGNET. COULD NOT GET MAGNET PASSED OBSTRUCTION @ 5,121' ATTEMPT #3 HAD MINIMAL DEBRIS, RIG UP AND RUN 1.66" OD SINKER BAR AND ATTEMPT TO RUN IN HOLE ON WIRELINE. SINKER BAR HIT OBSTRUCTION @ 5,123. PULL OUT OF HOLE WITH SINKER BAR, RIG UP AND RUN IN HOLE WITH 2.25" MAGNET ON WIRELINE, RIG UP AND RUN 1" OD SINKER BAR AND ATTEMPT TO RUN IN HOLE ON WIRELINE. SINKER BAR HIT OBSTRUCTION @ 5,123'. PULL OUT OF HOLE WITH SINKER BAR, L/D OLD DRILL PIPE AND HWDP OUT OF THE DERRICK USING MOUSEHOLE, MOVE NEW DRILL PIPE F/ DRILLER SIDE TO OFF DRILLER SIDE OF DERRICK.

**HSE Risk**

NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	15:30	9.50	6	Trip	TRIP OUT THE HOLE F/ 13,720' T/ 12,150', WORKING TIGHT HOLE 380K UP AND 160K DOWN. AT THIS TIME NO FURTHER PROGRESS WAS MADE.
15:30	16:00	0.50	5	Circ/Cond	CIRCULATE AND WORK STUCK PIPE F/12,134' T/ 12,180' 380K UP AND 120K DOWN WHILE PUMPING @ 300 GPM_ 2,000 PSI. NO SUCCESS.
16:00	16:15	0.25	23	Other	LAY OUT SINGLE AND STAGE TOOL JOINT @ RIG FLOOR. CLEAN RIG FLOOR.
16:15	16:30	0.25	34	Safety	SAFETY MEETING ON RIGGING UP WIRELINE WITH VES, APPACHE COMPAMY REP, APACHE SAFETY HAND AND NABORS DRILLING.
16:30	19:00	2.50	19	Fishing	RIG UP VAUGHN ENERGY SERVICES AND RUN IN HOLE WITH 2.25" MAGNET. COULD NOT GET MAGNET PASSED OBSTRUCTION @ 5,121' ON 3 ATTEMPTS. RETREIVED DEBRIS ON MAGNET ON RUN 1 AND 2 WITH MINIMAL DEBRIS ON ATTEMPT # 3.
19:00	20:00	1.00	19	Fishing	RIG UP AND RUN 1.66" OD SINKER BAR AND ATTEMPT TO RUN IN HOLE ON WIRELINE. SINKER BAR HIT OBSTRUCTION @ 5,123. PULL OUT OF HOLE WITH SINKER BAR.
20:00	21:30	1.50	19	Fishing	RIG UP AND RUN IN HOLE WITH 2.25" MAGNET ON WIRELINE.
21:30	00:00	2.50	19	Fishing	RIG UP AND RUN 1" OD SINKER BAR AND ATTEMPT TO RUN IN HOLE ON WIRELINE. SINKER BAR HIT OBSTRUCTION @ 5,123'. PULL OUT OF HOLE WITH SINKER BAR.
00:00	06:00	6.00	23	Other	L/D OLD DRILL PIPE AND HWDP OUT OF THE DERRICK USING MOUSEHOLE, MOVE NEW DRILL PIPE F/ DRILLER SIDE TO OFF DRILLER SIDE OF DERRICK.

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft²)
16:00	AES VERT	17,474.0	12.20	99	28.0	9.000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
7	9	12				23.5
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	56.0	20.5				299.0
04:00	AES VERT	17,474.0	12.20	100	29.0	8.000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
7	9	12				23.5
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	56.3	20.3				303.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	41	4/10/2024	0	4/10/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1K 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 24.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 21.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 88,612	Cum Field Est To Date (Cost) 3,579,117		
Start Depth (ftKB) 17,474.0	End Depth (ftKB) 17,474.0	Start Depth (TVD) (ftKB) 11,529.1	End Depth (TVD) (ftKB) 11,529.1	Target Depth (ftKB) 22,384	Target Formation Wolfcamp
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 275.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 53.11	Time Log - Problem Hours (hr) 0.00	Cum Up Time - Down Time (hr) 243.25

Operations at Report Time WASHING 2.25" OD MILL IN THE HOLE @ 11,100'.	Operations Next Report Period PULL COIL TUBING OUT THE HOLE AND R/D, R/U AND RUN IN THE HOLE WITH WIRE LINE FREE POINT TOOL, BACK OUT PIPE, POOH T/ OVER SHOT, L/D OLD DRILL PIPE, M/U SCREW IN SUB AND JARS , TIH T/ TOP OF FISH AND GET SCREWED IN.
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Operations Summary  
SLIP AND CUT DRILL LINE, R/D CATWALK AND MOVE OUT OF THE WAY, WAIT ON COIL TUBING TRUCK TO ARRIVE ON LOCATION, SPOT AND R/U CRANE AND COIL TUBING TRUCK / BOP, RUN IN THE HOLE WASHING DOWN WITH COIL TUBING, MOTOR AND 2.25" OD MILL, STAGE PRESSURE UP ON BACK SIDE EVERY 850' IN 100 PSI INCREMENTS T/ TOP OF FISH @ 5,123' WITH A FINALE PRESSURE OF 600 PSI ON THE BACK SIDE ( NOT TAGGING ANYTHING SOLID ), CONTINUE WASHING 2.25" OD MILL IN THE HOLE @ 11,100', ( SLICK )

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	07:15	1.25	9	Cut Drill Line	HOLD PJSM: SLIP AND CUT DRILL LINE.
07:15	08:15	1.00	23	Other	R/D CATWALK AND MOVE OUT OF PLACE.
08:15	14:00	5.75	23	Other	RIG UP OPEN TOP AND CHOKE MANIFOLD. RIG UP X/O'S BACK TO 7 1/6" 10 K FLANGE. PERFORM MAINTENANCE ON TM-100 WHILE WAITING ON COIL TUBING SERVICES TO ARRIVE ON LOCATION.
14:00	14:30	0.50	23	Other	SURVEY WORK AREA LOCATION WITH CRANE COMPANY AND COIL TUBING COMPANY TO IDENTIFY BEST LOCATION FOR EACH TO RIG UP.
14:30	01:00	10.50	23	Other	PJSM. MOVE IN AND SPOT CRANE, COIL TUBING TRUCK AND PUMP TRUCK, R/U CRANE T/ BOP AND FUNCTION TEST RAMS ( GOOD TEST ), INSTALL BOP ON RIG FLOOR, FILL LINES, M/U 2.25" OD MILL AND MUD MOTOR, INSTALL INJECTOR ON BOP, TEST BREAK T/ 250 PSI LOW. NO LEAKS DURING LOW PRESSURE TEST. ON HIGH PRESSURE TEST A PIN HOSE DEVELOPED IN HIGH PRESSURE HOSE. CHANGED OUT HIGH PRESSURE HOSE. PRESSURED BACK UP AND A LEAK DEVELOPED ON 8 RND LTC CONNECTION. RETORQUED CONNECTION. COMPLETED A 250 PSI LOW AND 3,000 PSI HIGH TEST AT 5 MIN/EACH. GOOD TEST.
01:00	02:30	1.50	23	Other	RUN IN THE HOLE WASHING DOWN WITH COIL TUBING, MOTOR AND 2.25" OD MILL, STAGE PRESSURE UP ON BACK SIDE EVERY 850' IN 100 PSI INCREMENTS T/ TOP OF FISH @ 5,123' WITH A FINALE PRESSURE OF 600 PSI ON THE BACK SIDE.
02:30	06:00	3.50	23	Other	WASH IN HOLE F/ 5,123' T/ 11,100'. 0.5 BPM, 4,200 PSI. NOTE: NOTHING SOLID WAS ENCOUNTERED AT TOP OF FISH.

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
17:00	AES VERT	17,474.0	12.20	101	29.0	9.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
7	10	12				23.5
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	56.0	20.5				301.0
04:00	AES VERT	17,474.0	12.20	101	28.0	9.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
6	9	12				23.5
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	56.3	20.3				292.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	41	4/10/2024	0	4/11/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 25.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 22.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 104,106	Cum Field Est To Date (Cost) 3,683,224		
Start Depth (ftKB) 17,474.0	End Depth (ftKB) 17,474.0	Start Depth (TVD) (ftKB) 11,529.1	End Depth (TVD) (ftKB) 11,529.1	Target Depth (ftKB) 22,384	Target Formation Wolfcamp
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 299.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 55.18	Time Log - Problem Hours (hr) 0.00	Cum Up Time - Down Time (hr) 243.25

Operations at Report Time  
LAYING DOWN DRILL PIPE @ 6,600'.  
Operations Next Report Period  
L/D OLD DRILL PIPE, L/D RSS BHA, M/U MILL TOOTH BIT AND TRIP IN THE HOLE TO MAKE A CLEAN OUT RUN.

**Operations Summary**

POOH W/ COIL TUBING, FLUSH COIL TUBING LINES AND CHOKE W/ FRESH WATER, R/D COIL TUBING TRUCK AND CRANE, CIRCULATE BRINE WATER OUT OF PIPE AND WELL BORE, SET AND R/U CATWALK, R/U WIRE LINE EQUIPMENT, MAKE UP FREE POINT DOG TOOL, RUN IN THE HOLE AND TAGGED UP @ 5,371', CHECK FREE POINT @ 5,330'- 0% FREE, 5,260'- 25% FREE, 5,190'- 50% FREE, PULL BACK UP TO 1,090'- 100% FREE, RUN BACK IN THE HOLE AND CHECKED @ 5,130'- 50% FREE, PULL OUT THE HOLE W/ WIRE LINE, ATTEMPT TO SLACK OFF T/ 120K TO BE ABLE TO GET THE BACK OFF AND STRING KEPT WORKING FREE, TRIP IN THE HOLE F/ 12,152' T/ 12,460'. S/O- 120K/170K, R/D WIRE LINE EQUIPMENT, TRIP OUT THE HOLE F/ 12,460' T/ 12,134', WORKING TIGHT HOLE. 390K UP AND 120K DOWN, POOH F/ 12,134' T/ 6,962', L/D OLD DRILL PIPE F/ 6,962' T/ 6,600'.

**HSE Risk**

NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	08:30	2.50	23	Other	PULL OUT THE HOLE W/ COIL TUBING MAINTAINING 600 PSI ON THE BACK SIDE.
08:30	09:15	0.75	23	Other	FLUSH OUT COIL TUBING AND CHOKE MANIFOLD W/ FRESH WATER
09:15	10:00	0.75	23	Other	BREAK CONNECTION @ BOPS. LAY OUT BHA PRIOR TO BLOWING OUT COIL TUBING WITH NITROGEN. RECONNECT TO TOP OF BOPS AND BLOW OUT COIL WITH NITROGEN.
10:00	13:15	3.25	23	Other	HOLD PJSM: DISCONNECT INJECTOR AND LAY OUT. NIPPLE DOWN BOPS AND LAY OUT.
13:15	15:30	2.25	5	Circ/Cond	COMPLETE SURFACE TO SURFACE CIRCULATION FROM TOP OF FISH @ 5,123' TO REMOVE BRINE FROM INSIDE OF DRILL STRING 250 GPM, 800 PSI STAGING DOWN ANNULUS PRESSURE F/ 300 PSI T/ 0 PSI. NOTE: CONTINUE TO PREP CRANE AND COIL UNIT FOR MOBILIZATION WHILE CIRCULATING.
15:30	17:00	1.50	23	Other	SPOT CATWALK AND RIG UP TO PREP FOR HANDLING WIRELINE OPERATIONS.
17:00	20:00	3.00	23	Other	PJSM WITH RIG CREWS, CALLON REPS, RIG MANAGER, APACHE SAFETY REP, VES WIRELINE. RIG UP WIRELINE TRUCK AND HANGING TOP SHEAVE ON CROWN SECTION.
20:00	22:00	2.00	23	Other	WAIT ON NEW WIRE LINE SHEAVE DUE TO GETTING HUNG UP ON TOP DRIVE AND DAMAGING SHEAVE.
22:00	00:45	2.75	23	Other	MAKE UP FREE POINT DOG TOOL, RUN IN THE HOLE AND TAGGED UP @ 5,371', CHECK FREE POINT @ 5,330'- 0% FREE, 5,260'- 25% FREE, 5,190'- 50% FREE, PULL BACK UP TO 1,090'- 100% FREE, RUN BACK IN THE HOLE AND CHECKED @ 5,130'- 50% FREE, PULL OUT THE HOLE W/ WIRE LINE.
00:45	02:00	1.25	6	Trip	ATTEMPT TO SLACK OFF T/ 120K TO BE ABLE TO GET THE BACK OFF AND STRING KEPT WORKING FREE, TRIP IN THE HOLE F/ 12,152' T/ 12,460'. S/O- 120K/170K.
02:00	02:30	0.50	23	Other	R/D WIRE LINE EQUIPMENT.
02:30	02:45	0.25	6	Trip	HOLD PJSM: TRIP OUT THE HOLE F/ 12,460' T/ 12,134', WORKING TIGHT HOLE. 390K UP AND 120K DOWN.
02:45	05:30	2.75	6	Trip	POOH F/ 12,134' T/ 6,962', L/D OVER SHOT, HOLE TAKING PROPER DISPLACEMENT.
05:30	06:00	0.50	6	Trip	L/D OLD DRILL PIPE F/ 6,962' T/ 6,600'.

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
17:00	AES VERT	17,474.0	12.10	95	31.0	10.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
7	11	14				23.0
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	54.0	23.0				284.0
Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
04:00	AES VERT	17,474.0	12.20	96	30.0	10.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
7	10	14				23.3
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	54.3	22.5				291.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	43	4/12/2024	0	4/12/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 26.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 23.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 715,639	Cum Field Est To Date (Cost) 4,398,863		
Start Depth (ftKB) 17,474.0	End Depth (ftKB) 17,474.0	Start Depth (TVD) (ftKB) 11,529.1	End Depth (TVD) (ftKB) 11,529.1	Target Depth (ftKB) 22,384	Target Formation Wolfcamp
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 323.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 57.08	Time Log - Problem Hours (hr) 0.00	Cum Up Time - Down Time (hr) 243.25

Operations at Report Time: WASH AND REAM TIGHT HOLE F/ 12,030' T/ 12,100'. Operations Next Report Period: CONTINUE REAMING TO BOTTOM. CIRCULATE BOTTOMS UP TRIP OUT OF HOLE.

Operations Summary: TRIP OUT OF HOLE LAYING DOWN OLD DRILL STRING F/ 6,600' T/ 114'. LAY OUT DIRECTIONAL BHA. CLEAN RIG FLOOR AND LAY OUT ALL DIRECTIONAL SUBS. MAKE UP 6 3/4" DUMMY IRON BHA WITH 6 3/4" MILL TOOTH BIT AND 6 1/4" STRING STABILIZER AND TRIP IN HOLE T/ 5,000'. WASH AND REAM F/ 5,000' T/ 5,500', TIH T/ 11,650'. WASH AND REAM F/ 11,650' T/ 12,030', WASH AND REAM TIGHT HOLE F/ 12,030' T/ 12,100'.

HSE Risk: NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	13:00	7.00	6	Trip	PJSM, AND CONTINUE TO TRIP OUT OF HOLE LAYING DOWN DRILL PIPE F/ 6,600' T/ DRILL-N-REAM @ 217'. LAY OUT DRILL-N-REAM. LAY OUT LAST STAND OF DRILL PIPE.
13:00	15:45	2.75	95	L/D BHA	LAY OUT X/O, MOTOR, RIPSTICK, FILTER SUB AND X/O AND GAP SUB. PULL MWD TOOL AND LAY OUT. LAY OUT GAP SUB, NM PONY COLLAR, UBHO, ICRUISE RSS AND BIT.
15:45	16:45	1.00	23	Other	CLEAN RIG FLOOR AND LAY OUT DIRECTIONAL X/OS AND SUBS. INSTALL CAP AND SNAP RING ON TOP OF GOOSE NECK.
16:45	17:30	0.75	94	P/U BHA	PJSM, MAKE UP DUMMY IRON BHA CONSISTING OF 6 3/4" MILL TOOTH BIT, BIT SUB (FLOAT), ONE JT 4.5" DRILL PIPE, X/O, 6 1/4" STRING STABILIZER AND X/O.
17:30	21:30	4.00	6	Trip	TRIP IN HOLE F/ BHA T/ 5,000'.
21:30	22:30	1.00	3	Reaming	WASH AND REAM F/ 5,000' T/ 5,500', GPM- 275, RPM- 45, TRQ- 2,800.
22:30	02:15	3.75	6	Trip	TRIP IN HOLE F/ 5,500 T/ 11,650'.
02:15	03:15	1.00	3	Reaming	WASH AND REAM F/ 11,650' T/ 12,030', GPM- 250, SPP- 900, RPM- 45, TRQ- 3/12K.
03:15	06:00	2.75	3	Reaming	WASH AND REAM TIGHT HOLE F/ 12,030' T/ 12,100', GPM- 250, SPP- 900, RPM- 50, TRQ- 3K/16K. NOTE: STALLING OUT AND PACKING OFF.

**Mud Checks**

Time 17:00	Type AES VERT	Depth (ftKB) 17,474.0	Density (lb/gal) 12.10	Funnel Viscosity (s/qt) 77	PV Calc (cP) 29.0	YP Calc (lb/100ft²) 10.000
Gel 10 sec (lb/100ft²) 7	Gel 10 min (lb/100ft²) 10	Gel 30 min (lb/100ft²) 14	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 23.0
MBT (lb/bbl)	Percent Oil (%) 54.0	Percent Water (%) 23.0	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V) 289.0
Time 04:00	Type AES VERT	Depth (ftKB) 17,474.0	Density (lb/gal) 12.24	Funnel Viscosity (s/qt) 65	PV Calc (cP) 27.0	YP Calc (lb/100ft²) 8.000
Gel 10 sec (lb/100ft²) 6	Gel 10 min (lb/100ft²) 8	Gel 30 min (lb/100ft²) 11	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 23.5
MBT (lb/bbl)	Percent Oil (%) 53.5	Percent Water (%) 23.0	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V) 303.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	43	4/12/2024	0	4/13/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 27.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 24.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 84,032	Cum Field Est To Date (Cost) 4,482,895		
Start Depth (ftKB) 17,474.0	End Depth (ftKB) 17,474.0	Start Depth (TVD) (ftKB) 11,529.1	End Depth (TVD) (ftKB) 11,529.1	Target Depth (ftKB) 22,384	Target Formation Wolfcamp
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 347.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 58.82	Time Log - Problem Hours (hr) 0.00	Cum Up Time - Down Time (hr) 243.25

Operations at Report Time  
WASH AND REAM IN THE HOLE @ 14,660'.  
Operations Next Report Period  
CONTINUE REAMING AND WASHING TO 17,474. CIRCULATE HOLE CLEAN. TRIP OUT OF HOLE FOR RSS ASSEMBLY. TRIP IN HOLE.

Operations Summary  
WASH AND REAM TIGHT HOLE F/ 12,120' T/ 12,305'. BACK REAM F/ 12,305' T/ 11,639 TO TRY AND ESTABLISH HIGHER FLOW RATES. WELL WAS PACKING OFF AND STALLING STRING INSIDE OF CASING. WORK PIPE AND CIRCULATE CUTTINGS FROM WELLBORE. WASH AND REAM F/ 11,639' T/ 14,660'.

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	11:30	5.50	3	Reaming	WASH AND REAM TIGHT HOLE F/ 12,100' T/ 12,305', GPM- 150 - 250, SPP- 900, RPM- 50 - 70, TRQ- 7K / 16K. NOTE: STALLING OUT AND PACKING OFF.
11:30	13:00	1.50	3	Reaming	BACK REAM F/ 12,305' T/11,630'. NOTE PACK OFF AND STALL CONDITIONS INSIDE OF CASING. WORK STRING AND STAGE FLOW RATE UP F/ 150 GPM T/ 350 GPM. CIRCULATE HIGH VIS SWEEP FROM WELLBORE.
13:00	06:00	17.00	3	Reaming	WASH AND REAM TIGHT HOLE F/ 12,630' T/ 14,660', GPM - 275 - 350, SPP- 800 - 1,500, RPM- 80, TRQ- 8K/16K. NOTE: STALLING OUT AND PACKING OFF.

**Mud Checks**

Time 16:00	Type AES VERT	Depth (ftKB) 17,474.0	Density (lb/gal) 12.64	Funnel Viscosity (s/qt) 74	PV Calc (cP) 28.0	YP Calc (lbf/100ft²) 8.000
Gel 10 sec (lbf/100ft²) 6	Gel 10 min (lbf/100ft²) 8	Gel 30 min (lbf/100ft²) 12	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 25.5
MBT (lb/bbl)	Percent Oil (%) 54.5	Percent Water (%) 20.0	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V) 285.0
Time 04:00	Type AES VERT	Depth (ftKB) 17,474.0	Density (lb/gal) 12.60	Funnel Viscosity (s/qt) 71	PV Calc (cP) 27.0	YP Calc (lbf/100ft²) 8.000
Gel 10 sec (lbf/100ft²) 6	Gel 10 min (lbf/100ft²) 8	Gel 30 min (lbf/100ft²) 11	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 25.3
MBT (lb/bbl)	Percent Oil (%) 54.8	Percent Water (%) 20.0	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V) 297.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	45	4/14/2024	0	4/14/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 28.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 25.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 155,990	Cum Field Est To Date (Cost) 4,638,884		
Start Depth (ftKB) 17,474.0	End Depth (ftKB) 17,474.0	Start Depth (TVD) (ftKB) 11,529.1	End Depth (TVD) (ftKB) 11,529.1	Target Depth (ftKB) 22,384	Target Formation Wolfcamp
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 371.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 60.43	Time Log - Problem Hours (hr) 0.00	Cum Up Time - Down Time (hr) 243.25

Operations at Report Time  
BACK REAMING OUT T/17,100'.  
Operations Next Report Period  
REAM T/17,474. CLEAN UP CYCLE. TRIP OUT OF HOLE. MAKE UP RSS ASSEMBLY AND TRIP BACK IN HOLE T/ SHOE. SLIP AND CUT DRILL LINE. TRIP IN HOLE.

Operations Summary  
WASH AND REAM TIGHT HOLE F/ 14,660' T/ 17,200', HOLE PACKING OFF AND STALLING STRING, BACK REAM OUT THE HOLE F/ 17,200' T/ 16,046', ESTABLISH CIRCULATION, CIRCULATE BOTTOMS UP @ 205 GPM, AFTER BOTTOMS UP STAGE PUMP RATE UP TO 300 GPM, PUMP AND CIRCULATE HIGH VIS WEIGHTED SWEEP AROUND, WASH AND REAM F/ 16,046' T/ 17,330', BACK REAM BACK T/ 17,100 DUE TO PACKING OFF AND STALLING.

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING. HAZARD HUNT ON IMMEDIATE WORK AREAS AND HAND TOOLS. SAFETY STAND DOWN ON INCIDENT ON H&P 534.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	18:30	12.50	3	Reaming	WASH AND REAM TIGHT HOLE F/ 14,660' T/ 17,200', GPM - 200 - 350, SPP- 800 - 1,800, RPM- 80-90, TRQ- 8K/16K. NOTE: STALLING OUT AND PACKING OFF.
18:30	00:45	6.25	3	Reaming	HOLE PACKING OFF AND STALLING STRING, BACK REAM OUT THE HOLE F/ 17,200' T/ 16,046', GPM- 0/120, RPM- 80, TRQ- 9/17K. NOTE: HELD SAFETY STAND DOWN ON DROPPED OBJECTS AND PERFORMED DERRICK AND TOP DRIVE DROPS INSPECTION.
00:45	03:30	2.75	5	Circ/Cond	ESTABLISH CIRCULATION, CIRCULATE BOTTOMS UP @ 205 GPM, SPP- 1,800, AFTER BOTTOMS UP STAGE PUMP RATE UP TO 340 GPM, SPP- 3,250, PUMP AND CIRCULATE HIGH VIS WEIGHTED SWEEP AROUND.
03:30	05:00	1.50	3	Reaming	WASH AND REAM F/ 16,046' T/ 17,330', GPM- 340, SPP- 3,650, RPM- 80, TRQ- 10/12K. NOTE: STALLING OUT AND PACKING OFF.
05:00	06:00	1.00	3	Reaming	BACK REAM OUT THE HOLE F/ 17,330' T/17,100', RPM- 80, TRQ- 9/17K.

**Mud Checks**

Time 16:00	Type AES VERT	Depth (ftKB) 17,474.0	Density (lb/gal) 12.64	Funnel Viscosity (s/qt) 78	PV Calc (cP) 32.0	YP Calc (lbf/100ft²) 10.000
Gel 10 sec (lbf/100ft²) 7	Gel 10 min (lbf/100ft²) 9	Gel 30 min (lbf/100ft²) 12	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 25.0
MBT (lb/bbl)	Percent Oil (%) 55.0	Percent Water (%) 20.0	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V) 295.0
Time 04:00	Type AES VERT	Depth (ftKB) 17,474.0	Density (lb/gal) 12.60	Funnel Viscosity (s/qt) 79	PV Calc (cP) 32.0	YP Calc (lbf/100ft²) 8.000
Gel 10 sec (lbf/100ft²) 6	Gel 10 min (lbf/100ft²) 8	Gel 30 min (lbf/100ft²) 11	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 25.0
MBT (lb/bbl)	Percent Oil (%) 54.5	Percent Water (%) 20.5	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V) 301.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	47	4/15/2024	0	4/15/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1K 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 29.0	Depth Progress (ft) 5.00	Cum Time Log Sp (days) 26.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 114,762	Cum Field Est To Date (Cost) 4,753,646
Start Depth (ftKB) 17,474.0	End Depth (ftKB) 17,479.0	Start Depth (TVD) (ftKB) 11,529.1	End Depth (TVD) (ftKB) 11,529.1
Target Depth (ftKB) 22,384	Target Formation Wolfcamp		
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 395.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 61.92
Time Log - Problem Hours (hr) 0.00		Cum Up Time - Down Time (hr) 243.25	

Operations at Report Time STRIPPING OUT THE HOLE @ 16,000'.	Operations Next Report Period POOH, WASH AND REAM EOC T/ SHOE, CIRCULATE BOTTOMS UP, POOH, L/D CLEAN OUT BHA, TEST BOP, M/U RSS BHA, TIH.
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Operations Summary  
RIG SERVICE AND CHANGE OUT GRABBER DIE BLOCKS ON TOP DRIVE. REAM F/ 17,068' T/ 17,165'. CHANGE OUT SWIVEL PACKING ON TOP DRIVE. CONTINUE TO REAM F/ 17,165' T/ 17,474'. DRILL 6 3/4" HOLE F/ 17,474' T/ 17,479'. CIRCULATE WELLBORE CLEAN. STRIP OUT THE HOLE F/ 17,479' T/ 16,000'.

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	06:30	0.50	7	Service Rig	RIG SERVICE. CHANGE DIE BLOCKS ON TOP DRIVE GRABBER LEG.
06:30	09:45	3.25	3	Reaming	WASH AND REAM F/ 17,068' T/ 17,208', GPM- 320, SPP- 3,650, RPM- 80, TRQ- 10/12K. NOTE: STALLING OUT AND PACKING OFF.
09:45	11:15	1.50	23	Other	CHANGE OUT SWIVEL PACKING ON TOP DRIVE.
11:15	18:00	6.75	3	Reaming	WASH AND REAM F/ 17,208' T/ 17,384, GPM- 200 - 325, SPP- 1,750 - 3,400, RPM- 80, TRQ- 10/18K. NOTE: STALLING OUT AND PACKING OFF.
18:00	18:30	0.50	5	Circ/Cond	CIRCULATE HOLE CLEAN STAGING PUMP RATE UP TO 325 GPM.
18:30	01:15	6.75	3	Reaming	WASH AND REAM F/ 17,384' T/ 17,474, GPM- 200/325, SPP- 1,750 - 3,250, RPM- 80, TRQ- 10/18K. NOTE: STALLING OUT AND PACKING OFF THE LAST 16' F/ 17,458' T/ 17,474'.
01:15	01:30	0.25	2	Drilling	DRILL 6 3/4" LATERAL SECTION F/ 17,474' T/ 17,479'. WOB- 10K, GPM- 210, SPP- 1,975, RPM - 80, TRQ - 14/15K.
01:30	04:30	3.00	5	Circ/Cond	PUMP SWEEP AND CIRCULATE HOLE CLEAN, GPM- 283, SPP- 2,900, RPM- 80, TRQ- 8/11K.
04:30	06:00	1.50	6	Trip	STRIP OUT THE HOLE HOLDING 400 PSI ON THE BACKSIDE F/ 17,479' T/ 16,000'.

**Mud Checks**

Time 16:00	Type AES VERT	Depth (ftKB) 17,474.0	Density (lb/gal) 12.54	Funnel Viscosity (s/qt) 70	PV Calc (cP) 31.0	YP Calc (lb/100ft²) 9.000
Gel 10 sec (lb/100ft²) 7	Gel 10 min (lb/100ft²) 9	Gel 30 min (lb/100ft²) 12	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 25.3
MBT (lb/bbl)	Percent Oil (%) 55.8	Percent Water (%) 19.0	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V) 315.0
Time 04:00	Type AES VERT	Depth (ftKB) 17,474.0	Density (lb/gal) 12.75	Funnel Viscosity (s/qt) 72	PV Calc (cP) 30.0	YP Calc (lb/100ft²) 9.000
Gel 10 sec (lb/100ft²) 7	Gel 10 min (lb/100ft²) 9	Gel 30 min (lb/100ft²) 12	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 26.0
MBT (lb/bbl)	Percent Oil (%) 54.5	Percent Water (%) 19.5	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V) 311.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
17,479.00	89.79	70.95	11,529.12	5,428.77	1,476.99	5,224.20	0.00	0.00	0.00

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	49	4/16/2024	0	4/16/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 30.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 27.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 182,202	Cum Field Est To Date (Cost) 4,935,849		
Start Depth (ftKB) 17,479.0	End Depth (ftKB) 17,479.0	Start Depth (TVD) (ftKB) 11,529.1	End Depth (TVD) (ftKB) 11,529.1	Target Depth (ftKB) 22,384	Target Formation Wolfcamp
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 419.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 63.30	Time Log - Problem Hours (hr) 0.00	Cum Up Time - Down Time (hr) 243.25

Operations at Report Time SLIP AND CUT DRILL LINE.	Operations Next Report Period TRIP IN THE HOLE T/ 17,479', DRILL 6 3/4" PRODUCTION HOLE AS PER WELL PLAN #2.
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**Operations Summary**

TRIP OUT OF HOLE F/ 16,000' T/ 12,350'. RIG SERVICE AND CHANGE OUT GRABBER DIE BLOCKS ON TOP DRIVE. BACK REAM F/ 12,350' T/ 11,750'. CIRCULATE BOTTOMS UP AND PUMP SLUG. TRIP OUT OF HOLE F/ 11,350' T/ DUMMY IRON BHA. LAY OUT BHA. PULL WEAR BUSHING AND INSTALL TEST PLUG. PRESSURE TEST BOP. PULL TEST PLUG AND INSTALL WEAR BUSHING. PREPARE RIG FLOOR TO P/U BHA. MAKE UP 6 3/4" RSS BHA AND TRIP IN HOLE T/ 11,477'. SLIP AND CUT DRILL LINE.

**HSE Risk**

NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	07:45	1.75	6	Trip	PJSM, TRIP OUT OF HOLE F/ 16,000' T/ 12,350'. MAINTAINING PROPER DISPLACMENT FROM SYSTEM MUD FROM TRIP TANK.
07:45	08:15	0.50	7	Service Rig	RIG SERVICE AND CHANGE OUT DIES AND DIE BLOCKS ON TOP DRIVE BACK UP WRENCH.
08:15	09:00	0.75	3	Reaming	BACK REAM F/ 12,350' T/ 11,750'. GPM 275, RPM 70. SPP 2,700.
09:00	09:45	0.75	5	Circ/Cond	CIRULATE BOTTOMS UP TO ENSURE HOLE IS CLEAN. 350 GPM, RPM - 70.
09:45	10:00	0.25	23	Other	FLOW CHECK. WELL STATIC.
10:00	10:15	0.25	23	Other	BREAK CIRCULATION AND PUMP 3 PPG OVER SLUG.
10:15	14:45	4.50	6	Trip	TRIP OUT OF HOLE F/ 11,750' T/ BHA.
14:45	15:30	0.75	94	P/U BHA	LAY DOWN STABILIZER, 2 CROSSOVERS AND BIT SUB.
15:30	16:30	1.00	23	Other	CLEAN RIG FLOOR, LAY OUT CROSSOVERS, PULL WEAR BUSHING AND SET TEST PLUG.
16:30	18:45	2.25	15	Test BOP	PRESSURE TEST CHOKE MANIFOLD, UPPER AND LOWER PIPE RAMS, BLIND RAMS, HCR AND KILL LINE VALVES T/ 250 PSI LOW AND 5,000 PSI HIGH. TEST ANNULAR T/ 250 PSI LOW AND 3,500 PSI HIGH. 5 MIN PER TEST.
18:45	20:15	1.50	23	Other	PULL TEST PLUG AND INSTALL WEAR BUSHING. LAY OUT JOINT OF D.P. CHANGE OUT ELEVATORS AND CLEAN AND ORGANIZE RIG FLOOR.
20:15	22:00	1.75	94	P/U BHA	HOLD PJSM: P/U RSS BHA; 6 3/4" HUGHES DD405TS (1-11 & 4 14'S, TFA-0.69), I-CRUISE CX RSS TOOL, UBHO, NMPC, GAP SUB, XO, RIP STICK, INSTALL MWD.
22:00	23:30	1.50	23	Other	TEST MWD, RECYCLE MULTIPLE TIMES, CHANGE OUT TRANSDUCER
23:30	00:00	0.50	94	P/U BHA	P/U 5" BLUE FORCE MUD MOTOR (8.8, 6/7, STRAIGHT MOTOR W/ 6 5/8" NBS), XO, 3 JNTS 4 1/2" DP, DRILL REAM. BHA LENGTH 220.68'.
00:00	05:30	5.50	6	Trip	TRIP IN HOLE F/ 220' T/ 11,477'. FILL PIPE EVERY 30 STANDS. HOLE DISPLACING PROPER FLUID, PULL TRIP NIPPLE AND INSTALL ROTATING HEAD.
05:30	06:00	0.50	9	Cut Drill Line	HOLD PJSM: SLIP AND CUT 64' OF DRILL LINE.

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft²)
14:00	AES VERT	17,479.0	12.90	82	30.0	10.000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
7	9	12				26.5
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	54.5	19.0				305.0
Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft²)
04:00	AES VERT	17,479.0	12.90	85	29.0	11.000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
7	9	13				26.4
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	54.4	19.2				317.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
17,479.00	89.79	70.95	11,529.12	5,428.77	1,476.99	5,224.20	0.00	0.00	0.00

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	51	4/17/2024	0	4/17/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 31.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 28.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 150,394	Cum Field Est To Date (Cost) 5,086,243		
Start Depth (ftKB) 17,479.0	End Depth (ftKB) 17,479.0	Start Depth (TVD) (ftKB) 11,529.1	End Depth (TVD) (ftKB) 11,529.1	Target Depth (ftKB) 22,384	Target Formation Wolfcamp
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 443.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 64.58	Time Log - Problem Hours (hr) 0.00	Cum Up Time - Down Time (hr) 243.25

Operations at Report Time LAYING DOWN BHA.	Operations Next Report Period WAIT ON ORDERS.
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**Operations Summary**

SLIP AND CUT DRILL LINE, TRIP IN THE HOLE F/ 11,477' T/ 16,918', NOTE: CHECK SHOT SURVEYS @ 11,842', 15,143', 16,918', WASH AND REAM IN THE HOLE F/ 16,918' T/ 17,464', WHILE REAMING IN THE HOLE @ 17,464' PUMP PRESSURE INCREASED IMMEDIATELY FROM 4,500 PSI TO 5,700 PSI AND TRQ INCREASED FROM 11K TO 20K IMMEDIATELY, WORK STUCK PIPE, 380K UP AND 140K DOWN, TRQ- 17K, CIRCULATE AT A SLOWER RATE DUE TO HIGH PUMP PRESSURE, PULLED UP TO 375K WITH 17K TRQ TRAPPED IN PIPE AND CIRCULATING AT 150 GPM WITH 3,550 PSI AND SAT THERE THEN HOOKLOAD STARTED FALLING OFF AND PIPE CAME FREE, BACK REAMED STAND ALL THE WAY UP T/ 17,393' AND ESTABLISHED CIRCULATION T/ 300 GPM WITH 4,500 PSI, CIRCULATE DIESEL SWEEP OUT THE HOLE, CYCLE PUMPS TO COMIRM COMMUNICATION TO MWD AND RSS, GETTING COMMUNICATION TO MWD BUT NOT RSS, TRIP OUT THE HOLE F/ 17,393' T/ BHA, L/D RSS BHA, NOTE: RSS MISSING ALL 3 PADS.

**HSE Risk**

NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	06:30	0.50	9	Cut Drill Line	HOLD PJSM: SLIP AND CUT 64' OF DRILL LINE.
06:30	10:30	4.00	6	Trip	TRIP IN THE HOLE F/ 11,477' T/ 16,918', HOLE GIVING BACK PROPER DISPLACEMENT, FILL PIPE EVERY 30 STANDS. NOTE: CHECK SHOT SURVEYS @ 11,842', 15,143', 16,918'.
10:30	12:30	2.00	3	Reaming	WASH AND REAM IN THE HOLE F/ 16,918' T/ 17,464', GPM- 300, SPP- 5,500, RPM- 80, TRQ- 12/14K.
12:30	18:45	6.25	23	Other	WHILE REAMING IN THE HOLE @ 17,464' PUMP PRESSURE INCREASED IMMEDIATELY FROM 4,500 PSI TO 5,700 PSI AND TRQ INCREASED FROM 11K TO 20K IMMEDIATELY, WORK STUCK PIPE, 380K UP AND 140K DOWN, TRQ- 17K, CIRCULATE AT A SLOWER RATE DUE TO HIGH PUMP PRESSURE, PULLED UP TO 375K WITH 17K TRQ TRAPPED IN PIPE AND CIRCULATING AT 150 GPM WITH 3,550 PSI AND SAT THERE THEN HOOKLOAD STARTED FALLING OFF AND PIPE CAME FREE, BACK REAMED STAND ALL THE WAY UP T/ 17,393' AND ESTABLISHED CIRCULATION T/ 300 GPM WITH 4,500 PSI.
18:45	19:30	0.75	5	Circ/Cond	CIRCULATE DIESEL SWEEP OUT THE HOLE @ 300 GPM, SPP- 4,550, RPM- 80, TRQ- 10K.
19:30	20:15	0.75	5	Circ/Cond	CYCLE PUMPS TO COMIRM COMMUNICATION TO MWD AND RSS, GETTING COMMUNICATION TO MWD BUT NOT RSS.
20:15	04:00	7.75	6	Trip	TRIP OUT THE HOLE F/ 17,393' T/ BHA, HOLE TAKING PROPER DISPLACEMENT ON TRIP TANK.
04:00	06:00	2.00	95	L/D BHA	PJSM, LAY OUT 6 3/4" RSS ASSEMBLY. LAY OUT DRILL AND REAM, RACK BACK A STAND OF DRILL PIPE, X/O, FLOAT SUB, MUD MOTOR, FLOAT SUB AND X/O. NOTE: RSS MISSING ALL 3 PADS.

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
16:00	AES VERT	17,479.0	12.90	78	30.0	9.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
8	9	13				26.3
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	55.0	18.7				328.0
Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
04:00	AES VERT	17,479.0	12.90	80	31.0	10.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
7	9	12				26.4
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	55.1	18.5				313.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
17,479.00	89.79	70.95	11,529.12	5,428.77	1,476.99	5,224.20	0.00	0.00	0.00

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	53	4/18/2024	0	4/18/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 32.0	Depth Progress (ft) 10.00	Cum Time Log Sp (days) 29.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 103,620	Cum Field Est To Date (Cost) 5,189,863
Start Depth (ftKB) 11,944.0	End Depth (ftKB) 11,954.0	Start Depth (TVD) (ftKB) 11,512.1	End Depth (TVD) (ftKB) 11,513.0
Target Depth (ftKB) 22,384	Target Formation Wolfcamp		
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 467.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 65.78
Time Log - Problem Hours (hr) 0.00		Cum Up Time - Down Time (hr) 243.25	

Operations at Report Time  
**DRILLING SIDE TRACK @ 11,954'.**

Operations Next Report Period  
**SIDE TRACK AND DRILL 6 3/4" LATERAL HOLE AS PER WELL PLAN #3.**

Operations Summary  
WAITING ON ORDERS AND TOOLS TO ARRIVE. MAKE UP 6 3/4" SIDE TRACK BHA. TRIP IN HOLE T/ 11,909'. BUILD TROUGH @ TF- 170°R F/ 11,909' T/ 11,944'. TIME DRILL SIDE TRACK F/ 11,944' T/ 11,954'.

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	11:15	5.25	23	Other	WAIT ON ORDERS AND TOOLS TO BEGIN MAKING UP DIRECTIONAL BHA FOR SIDE TRACK. NOTE: WHILE WAITING ON ORDERS AND TOOLS. CLEANED RIG FLOOR AND INSPECTED HANDLING EQUIPMENT. COMPLETE A DROPS INSPECTION. GREASE CROWN TOP DRIVE, DRWKS, ST-80 AND RIG TONGS. PREPARE BHA FOR SIDE TRACK ASSMBLY.
11:15	12:45	1.50	94	P/U BHA	PJSM, P/U AND M/U 6/7 8.8 1.83° FBH MOTOR, FLOAT SUB, NMDC PONY, AND UBHO. SCRIBE TO UBHO AND SET MULE SHOE. SCRIBE AND MULE SHOE SETTING CONFIRMED BY WSL. INSTALL BIT. AND MAKE UP NMDC. INSTALL MWD. TEST MWD TOOL @ 250 GPM. GOOD TEST. P/U AMD MAKE UP NMDC. PICK UP FILTER SUB, X/O AND FLOAT SUB. BHA LENGTH @ 90.54.
12:45	17:45	5.00	6	Trip	TRIP IN HOLE F/ 90' T/ 11,909'. HOLE DISPLACING PROPER FLUID BACK TO TRIP TANK.
17:45	22:45	5.00	3	Reaming	BUILD TROUGH AS PER NABORS GUIDELINES F/ 11,909' T/ 11,944'. GPM - 298, SPP- 3100, TF- 170°R.
22:45	06:00	7.25	2	Drilling	TIME DRILL SIDE TRACK F/ 11,944' T/ 11,954', ( 10' @ 1.4 FPH ) WOB- 2/7K, GPM- 300, SPP- 3,200, DIFF- 50/75, TF- 170°R.

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
16:00	AES VERT	17,479.0	12.90	82	31.0	9.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
7	9	13				26.4
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	55.0	18.6				307.0
Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
04:00	AES VERT	11,952.0	12.80	78	30.0	10.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
7	8	12				26.0
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	55.6	18.4				319.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
11,949.00	84.57	73.22	11,512.59	-99.28	-95.07	-75.65	9.18	7.64	5.13

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	55	4/19/2024	0	4/19/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1K 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 33.0	Depth Progress (ft) 1,373.00	Cum Time Log Sp (days) 30.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 117,786	Cum Field Est To Date (Cost) 5,307,649
Start Depth (ftKB) 11,954.0	End Depth (ftKB) 13,327.0	Start Depth (TVD) (ftKB) 11,513.0	End Depth (TVD) (ftKB) 11,526.8
Target Depth (ftKB) 22,384	Target Formation Wolfcamp		
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 491.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 66.89
Time Log - Problem Hours (hr) 0.00		Cum Up Time - Down Time (hr) 243.25	

Operations at Report Time CIRCULATE HOLE CLEAN PRIOR TO TRIP OUT FOR RSS ASSEMBLY @ 13,327' MD	Operations Next Report Period TRIP OUT OF THE HOLE, BACK REAM THROUGH SIDE TRACK, TRIP OUT OF THE HOLE, LAY DOWN CONVENTIONAL BHA, PICK UP RSS LATERAL ASSEMBLY, TRIP IN THE HOLE, SLIP & CUT DRILL LINE AT CASING SHOE, TRIP IN THE HOLE, DRILL 6-3/4" SIDE TRACK # 1 PRODUCTION LATERAL SECTION
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**Operations Summary**

CONTINUE TO KICK OFF AS PER NABORS SIDE TRACK PROCEDURES F/ 11,954' T/ 11,969', CONTROL DRILL 6 3/4" PRODUCTION HOLE ( ST1) F/ 11,969 T/12,021'. DRILL 6 3/4" PRODUCTION HOLE (ST1) 12,021' T/ 13,327', CIRCULATE HOLE CLEAN PRIOR TO TRIP OUT TO PICK UP RSS  
 DAILY DRILLING SUMMARY:  
 DRILL 6 3/4" PRODUCTION HOLE F/ 11,954' T/ 13,327' ( 1,373' IN 22.75 HRS @ 60.35 FPH )  
 LAST SURVEY: MD- 13,270' TVD- 11,527' / INC: 90.51° / AZM: 74.46°.  
 ABOVE / BELOW: 7' ABOVE  
 LEFT / RIGHT: 32' LEFT

**HSE Risk**

NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	12:00	6.00	20	Directional	CONTINUE TO KICK OFF AS PER NABORS SIDE TRACK PROCEDURES F/ 11,954' T/ 11,969', ( 15' @ 2.5 FPH ) WOB- 2/6K, GPM- 300, SPP- 3,200, DIFF- 50/100, TF- F/170°R T/ HS
12:00	14:15	2.25	2	Drilling	CONTROL DRILL 6 3/4" PRODUCTION HOLE F/ 11,969 T/12,021', ( 52' @ 23.11 FPH ) WOB- 13/20K, GPM- 300, SPP- 3,300', DIFF- 180,
14:15	04:45	14.50	2	Drilling	DRILL 6 3/4" SIDE TRACK # 1 PRODUCTION HOLE F/ 12,021' T/ 13,327' ( 1,306' @ 90.06 FPH ) WOB- 20-25, GPM- 300, SPP- 4342, DIFF- 828, RPM- 70, TRQ- 13.8K.
04:45	06:00	1.25	5	Circ/Cond	PUMP 2 SWEEPS AND CIRCULATE HOLE CLEAN PRIOR TO TRIP OUT OF THE HOLE TO PICK UP RSS ASSEMBLY

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
16:00	AES VERT	12,090.0	12.80	75	28.0	9.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
7	8	11				25.8
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	55.6	18.6				330.0
Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
04:00	AES VERT	13,265.0	12.80	73	28.0	10.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
7	9	13				25.7
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	55.5	18.8				346.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
12,986.00	88.61	63.93	11,521.28	934.83	182.00	920.74	5.55	-1.36	-5.38
13,081.00	88.13	66.80	11,523.99	1,028.78	221.58	1,007.05	3.06	-0.51	3.02
13,175.00	88.89	73.17	11,526.43	1,122.50	253.73	1,095.30	6.82	0.81	6.78
13,270.00	90.51	74.46	11,526.93	1,217.49	280.20	1,186.53	2.18	1.71	1.36
13,324.00	89.83	70.20	11,526.77	1,271.46	296.59	1,237.97	7.99	-1.26	-7.89

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	57	4/20/2024	0	4/20/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 34.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 31.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 116,897	Cum Field Est To Date (Cost) 5,424,547		
Start Depth (ftKB) 13,327.0	End Depth (ftKB) 13,327.0	Start Depth (TVD) (ftKB) 11,526.8	End Depth (TVD) (ftKB) 11,526.8	Target Depth (ftKB) 22,384	Target Formation Wolfcamp
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 515.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 67.94	Time Log - Problem Hours (hr) 0.00	Cum Up Time - Down Time (hr) 243.25

Operations at Report Time TRIP IN THE HOLE WITH 6-3/4" RSS LATERAL ASSEMBLY AT 11,944' MD	Operations Next Report Period DRILL 6-3/4" SIDE TRACK # 1 PRODUCTION LATERAL SECTION
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Operations Summary  
CIRCULATE TO THE HOLE CLEAN, SERVICE RIG, TRIP OUT OF THE HOLE WET TO SIDE TRACK DEPTH, BACK REAM THROUGH SIDE TRACK F/ 11,969' T/ 11,944', TRIP OUT OF THE HOLE ON ELEVATORS F/ 11,912 T/ 11,705', FLOW CHECK WELL ( STATIC ), SPOT PILL & PUMP SLUG, TRIP OUT OF THE HOLE F/ 11,705' T/ BHA, LD CONVENTIONAL BHA, PICK UP RSS LATERAL ASSEMBLY, TIH, INSTALL ROTATING HEAD, SLIP & CUT DRILL LINE, TIH

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	07:00	1.00	5	Circ/Cond	PUMP 2 SWEEPS AND CIRCULATE HOLE CLEAN PRIOR TO TRIP OUT OF THE HOLE TO PICK UP RSS ASSEMBLY
07:00	07:30	0.50	7	Service Rig	SERVICE RIG
07:30	08:00	0.50	6	Trip	TRIP OUT OF THE HOLE F/ 13327' T/ 12,006' WITH NO ISSUES
08:00	09:30	1.50	3	Reaming	BACK REAM THROUGH SIDE TRACK FROM 12,006' T/ 11,912' ( HAD A HARD STALL AND PRESSURE UP AT 11,930' ) WORK FREE FROM 11,930'- 12,100'
09:30	09:45	0.25	6	Trip	TRIP OUT OF THE HOLE ON ELVATORS F/ 12,100' T/ 11,705'
09:45	10:15	0.50	23	Other	FLOW CHECK WELL ( NO FLOW STATIC ) PUMP SLUG
10:15	16:15	6.00	6	Trip	TRIP OUT OF THE HOLE F/ 11,705' T/ BHA WHILE MAINTAINING PROPER DISPLACEMENT. NOTE: F/ 3,855' TO SURFACE TM 100 WOULD NOT BREAK CONNECTIONS. USED MANUAL TONGS AND SPINNER ON TM-100. PULLED WET FROM 1,100' T/URFACE.
16:15	18:30	2.25	95	L/D BHA	LAY DOWN X/OS, FILTER SUB AND NMDC. PULL MWD TOOL AND LAY OUT. LAY OUT TOOLCARRIER AND UBHO. PULL UP TO BIT, DRAIN MOTOR AND BREAK OFF BIT. LAY OUT BIT, FLOAT SUB, NMDC AND MOTOR.
18:30	18:45	0.25	23	Other	CLEAN RIG FLOOR AND PREPARE FOR RSS ASSEMBLY.
18:45	22:30	3.75	94	P/U BHA	HOLD PJSM: P/U RSS BHA; 6 3/4" HUGHES DD405TS (5-12'S, TFA-0.5522), I-CRUISE CX RSS TOOL, UBHO, NMPC, GAP SUB, XO, TOMAX SUB, 5" BLUE FORCE MUD MOTOR (8.8, 6/7, STRAIGHT MOTOR W/ 6 5/8" NBS), XO, 3 JNTS 4 1/2" DP, DRILL N REAM. NOTE: 1.25 HOURS TROUBLE SHOOTING AND TESTING MWD TOOL. NOTE: PICK UP MAKE UP BHA UTILIZING RIG TONGS DUE TO TM 100 DOWN. ( NABORS TECHNICIAN ON LOCATION TO REPAIR TM 100 )
22:30	03:45	5.25	6	Trip	TRIP IN THE HOLE FILLING PIPE EVERY 30 STANDS F/ 222' T/ 11,476' ULITILIZING RIG TONGS
03:45	04:00	0.25	23	Other	REMOVE TRIP NIPPLE & INSTALL ROTATING HEAD ELEMENT
04:00	05:30	1.50	9	Cut Drill Line	SLIP & CUT 110' DRILL LINE
05:30	06:00	0.50	6	Trip	TRIP IN THE HOLE FILLING EVERY 30 STANDS F/ 11,476' T/ 11,944'

**Mud Checks**

Time 16:00	Type AES VERT	Depth (ftKB) 13,328.0	Density (lb/gal) 12.80	Funnel Viscosity (s/qt) 75	PV Calc (cP) 29.0	YP Calc (lbf/100ft²) 9.000
Gel 10 sec (lbf/100ft²) 7	Gel 10 min (lbf/100ft²) 9	Gel 30 min (lbf/100ft²) 13	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 25.8
MBT (lb/bbl)	Percent Oil (%) 55.5	Percent Water (%) 18.7	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V) 328.0
Time 04:00	Type AES VERT	Depth (ftKB) 13,328.0	Density (lb/gal) 12.85	Funnel Viscosity (s/qt) 77	PV Calc (cP) 29.0	YP Calc (lbf/100ft²) 11.000
Gel 10 sec (lbf/100ft²) 7	Gel 10 min (lbf/100ft²) 9	Gel 30 min (lbf/100ft²) 13	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 26.0
MBT (lb/bbl)	Percent Oil (%) 55.4	Percent Water (%) 18.6	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V) 341.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	59	4/21/2024	0	4/21/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1k 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 35.0	Depth Progress (ft) 1,783.00	Cum Time Log Sp (days) 32.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 114,590	Cum Field Est To Date (Cost) 5,539,137
Start Depth (ftKB) 13,327.0	End Depth (ftKB) 15,110.0	Start Depth (TVD) (ftKB) 11,526.8	End Depth (TVD) (ftKB) 11,540.0
Target Depth (ftKB) 22,384	Target Formation Wolfcamp		
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 539.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 68.92
Time Log - Problem Hours (hr) 0.00		Cum Up Time - Down Time (hr) 243.25	

Operations at Report Time DRILL 6-3/4" SIDE TRACK # 1 PRODUCTION LATERAL SECTION AT 15,110' MD	Operations Next Report Period DRILL 6-3/4" SIDE TRACK # 1 PRODUCTION LATERAL SECTION
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**Operations Summary**

WASH AND REAM F/ 11851' T/ 12,039'. CHECKSHOT SURVEY TO ENSURE WE ARE IN SIDE TRACK. WASH AND REAM F/ 12,039' T/ 13,327'. NOTE: REAMED THROUGH TROUGH AND SIDE TRACK TWICE WITH REAMER. NO ISSUES. DRILL 6 3/4" LATERAL SECTION W/RSS ASSEMBLY F/ 13,327' T/ 15,110.  
 DAILY DRILLING SUMMARY:  
 DRILL 6 3/4" PRODUCTION HOLE F/ 13,327' T/ 15,110' ( 1,783' IN 17.25 HRS @ 103.36 FPH )  
 LAST SURVEY: MD- 15,047' TVD- 11,539' / INC: 89.72° / AZM: 73.15°.  
 ABOVE / BELOW: 3' ABOVE  
 LEFT / RIGHT: OTL

HSE Risk  
 NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	06:30	0.50	3	Reaming	WASH AND REAM F/ 11,851' T/ 12,039', GPM- 200, SPP- 2,600, RPM- 50, TRQ- 8 / 10K.
06:30	06:45	0.25	20	Directional	COMPLETE A CHECK SHOT SURVEY TO ENSURE WE HAD ENTERED SIDE TRACK. OK.
06:45	11:30	4.75	3	Reaming	WASH AND REAM F/ 12,039' T/13,327', GPM- 300, SPP- 5,400, RPM- 80, TRQ- 10 / 12K. NOTE: WORK THROUGH TROUGH AND SIDE TRACK (2 TIMES) WITH DRILL N REAM F/ 11,909' T/12,002'.
11:30	19:00	7.50	2	Drilling	DRILL 6 3/4" SIDE TRACK # 1 PRODUCTION HOLE F/ 13,327' T/ 14,004' ( 677' @ 90.26 FPH ) WOB-20, GPM- 300, SPP- 4,784, DIFF- 372, RPM- 100, TRQ- 13,170.
19:00	19:30	0.50	7	Service Rig	SERVICE RIG ( C/O 2" LOW TORQUE VALVE ON RIG FLOOR STAND PIPE )
19:30	19:45	0.25	8	Repair Rig	LOST POWER TO HPU, TROUBLE SHOOT ( FOUND BAD ELECTRICAL PLUG )
19:45	20:00	0.25	2	Drilling	DRILL 6 3/4" SIDE TRACK # 1 PRODUCTION HOLE F/ 14,004' T/ 14,021' ( 17' @ 68 FPH ) WOB-30, GPM- 300, SPP- 5435, DIFF- 621, RPM- 100, TRQ- 16,200. FT/LBS
20:00	20:30	0.50	8	Repair Rig	LOST POWER TO HPU, TROUBLE SHOOT ( FOUND 2- BAD ELECTRICAL PLUGS )
20:30	06:00	9.50	2	Drilling	DRILL 6 3/4" SIDE TRACK # 1 PRODUCTION HOLE F/ 14,021' T/ 15,110' ( 1,089' @ 115 FPH ) WOB-30, GPM- 300, SPP- 5820, DIFF- 834, RPM- 100, TRQ- 16,500. FT/LBS

**Mud Checks**

Time 16:00	Type AES VERT	Depth (ftKB) 13,731.0	Density (lb/gal) 12.85	Funnel Viscosity (s/qt) 75	PV Calc (cP) 30.0	YP Calc (lb/100ft²) 12.000
Gel 10 sec (lb/100ft²) 7	Gel 10 min (lb/100ft²) 10	Gel 30 min (lb/100ft²) 14	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 25.9
MBT (lb/bbl)	Percent Oil (%) 56.1	Percent Water (%) 18.0	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V) 366.0
Time 04:00	Type AES VERT	Depth (ftKB) 14,903.0	Density (lb/gal) 12.85	Funnel Viscosity (s/qt) 74	PV Calc (cP) 30.0	YP Calc (lb/100ft²) 11.000
Gel 10 sec (lb/100ft²) 8	Gel 10 min (lb/100ft²) 10	Gel 30 min (lb/100ft²) 14	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 25.8
MBT (lb/bbl)	Percent Oil (%) 56.4	Percent Water (%) 17.8	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V) 384.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
14,730.00	89.32	73.38	11,536.12	2,672.29	634.86	2,598.53	0.34	0.32	0.11
14,823.00	89.60	73.28	11,537.00	2,765.28	661.53	2,687.62	0.32	0.30	-0.11
14,917.00	89.13	72.76	11,538.04	2,859.27	688.98	2,777.51	0.75	-0.50	-0.55
15,011.00	89.72	73.15	11,538.99	2,953.25	716.54	2,867.38	0.75	0.63	0.41
15,105.00	89.10	72.48	11,539.95	3,047.24	744.31	2,957.18	0.97	-0.66	-0.71

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	61	4/22/2024	0	4/22/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, B1K 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 36.0	Depth Progress (ft) 1,159.00	Cum Time Log Sp (days) 33.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 124,019	Cum Field Est To Date (Cost) 5,663,156		
Start Depth (ftKB) 15,110.0	End Depth (ftKB) 16,269.0	Start Depth (TVD) (ftKB) 11,540.0	End Depth (TVD) (ftKB) 11,546.2	Target Depth (ftKB) 22,384	Target Formation Wolfcamp
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 563.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 69.85	Time Log - Problem Hours (hr) 0.00	Cum Up Time - Down Time (hr) 243.25

Operations at Report Time  
TRIP OUT OF THE HOLE DUE TO RSS NOT RESPONDING TO HOLD AZIMUTH AT 12,006' MD

Operations Next Report Period  
TRIP OUT OF THE HOLE, LD RSS ASSEMBLY, PICK UP NEW RSS ASSEMBLY, TRIP IN THE HOLE, WASH & REAM TO BOTTOM AS NEEDED, DRILL 6-3/4" SIDE TRACK # 1 PRODUCTION LATERAL SECTION TO PLAN 3

Operations Summary  
DRILL 6 3/4" LATERAL SECTION W/RSS ASSEMBLY F/ 15,110' T/ 16,269', CIRCULATE HOLE CLEAN, BACK REAM OUT OF HOLE F/ 16269 T/ 14657' RIG SERVICE, BACK REAM F/14657 T/13609 , FLOW CHECK & PUMP SLUG, TRIP OUT OF THE HOLE ON ELEVATORS F/13609 T/ 12006'  
DAILY DRILLING SUMMARY:  
DRILL 6 3/4" PRODUCTION HOLE F/ 15,110' T/ 16,269' ( 1,159' IN 16.5 HRS @ 70.24 FPH )  
LAST SURVEY: MD- 16,234' TVD- 11,546' / INC: 90.22° / AZM: 66.51°.  
ABOVE / BELOW: 3' BELOW  
LEFT / RIGHT: 26' LEFT

HSE Risk  
NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	22:30	16.50	2	Drilling	DRILL 6 3/4" SIDE TRACK # 1 PRODUCTION HOLE F/ 15,110' T/ 16,269' ( 1,159' @ 70.24 FPH ) WOB-30, GPM- 300, SPP- 5820, DIFF- 834, RPM- 100, TRQ- 16,500. FT/LBS. ( WELL WALKING 2° LEFT PER/100' @ 70 RIGHT DOWNLINK TO 84 RIGHT WITH NO SUCCESS HOLDING AZIMUTH TO PLAN )  DOWNLINK 100 % MANUALFROM 30 RIGHT TO 70 RIGHT DOWNLINE 100% MANUAL FROM 70 RIGHT TO 84 RIGHT
22:30	23:15	0.75	5	Circ/Cond	CIRCULATE BOTTOMS UP PRIOR TO TRIP DUE TO RSS UNABLE TO BUILD AND HOLD AZIMUTH
23:15	02:45	3.50	3	Reaming	BACK REAM OUT OF THE HOLE F/ 16,269' T/ 14,657', 100 RPM, 300 GPM, 5290 SPP, 5800 FT/LBS TQ, RT WT 225K
02:45	03:15	0.50	7	Service Rig	RIG SERVICE ( CHANGE OUT TOP DRIVE GRIPPER DIES )
03:15	04:30	1.25	6	Trip	BACK REAM OUT OF THE HOLE F/ 14,657' T/ 13,609', 100 RPM, 300 GPM, 5290 SPP, 5800 FT/LBS TQ, RT WT 225K
04:30	05:00	0.50	23	Other	FLOW CHECK ( NO FLOW ) PUMP SLUG
05:00	06:00	1.00	6	Trip	TRIP OUT OF THE HOLE ON ELEVATOR F/ 13,609' T/12,006' WITH NO ISSUES

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
16:00	AES VERT	15,988.0	12.85	72	30.0	13.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
8	10	15				25.9
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	56.6	17.5				367.0
Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)
04:00	AES VERT	16,270.0	12.85	71	31.0	12.000
Gel 10 sec (lb/100ft²)	Gel 10 min (lb/100ft²)	Gel 30 min (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
8	10	14				26.0
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	56.8	17.2				391.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
15,859.00	90.22	74.04	11,545.41	3,801.19	954.48	3,681.25	0.27	0.27	-0.03
15,951.00	89.77	72.18	11,545.42	3,893.18	981.21	3,769.27	2.08	-0.49	-2.02
16,046.00	89.77	70.31	11,545.80	3,988.09	1,011.75	3,859.23	1.97	0.00	-1.97
16,139.00	89.83	66.92	11,546.13	4,080.71	1,045.66	3,945.81	3.65	0.06	-3.65
16,234.00	90.22	66.51	11,546.08	4,175.00	1,083.21	4,033.07	0.60	0.41	-0.43

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	63	4/23/2024	0	4/23/2024	1

**Well Name: UL GENE PARMESAN A5 11UA**

API Number 42475387370000	Surface Legal Location Sec. 21, BIK 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 37.0	Depth Progress (ft) 328.00	Cum Time Log Sp (days) 34.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

**Daily Cost Summary**

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4,583,041	Daily Field Est Total (Cost) 118,895	Cum Field Est To Date (Cost) 5,782,051
Start Depth (ftKB) 16,269.0	End Depth (ftKB) 16,597.0	Start Depth (TVD) (ftKB) 11,546.2	End Depth (TVD) (ftKB) 11,536.6
Target Depth (ftKB) 22,384	Target Formation Wolfcamp		
Problem Time Hours (hr) 24.00	Cum Problem Time Hours (hr) 587.50	Percent Problem Time (%) 100.00	Cum Percent Problem Time (%) 70.72
Time Log - Problem Hours (hr) 0.00		Cum Up Time - Down Time (hr) 243.25	

Operations at Report Time DRILL 6-3/4" SIDE TRACK # 1 PRODUCTION LATERAL SECTION AT 16,597' MD	Operations Next Report Period DRILL 6-3/4" SIDE TRACK # 1 PRODUCTION LATERAL SECTION
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**Operations Summary**

TRIP OUT OF HOLE F/ 12,006' T/ BHA. CHANGE OUT MOTOR, RIPSTICK, MWD, RSS AND BIT. TRIP IN HOLE T/12,631'. TAKE CHECK SHOT TO CONFIRM SUCCESSFUL ENTRY INTO SIDE TRACK # 1. CONTINUE TO TRIP IN HOLE T/ 16,064'. WASH AND REAM T/ 16,269'. DRILL 6 3/4" PRODUCTION LATERAL F/16,269' T/ 16,597' WHILE PERFORMING SEVERAL DOWNLINK FROM 90RIGHT TO CRUISE 1.5° @ 93.40 INC & 80.63 AZM @ 16,416'

DAILY DRILLING SUMMARY:  
DRILL 6 3/4" PRODUCTION HOLE F/ 16,269' T/ 16,597' ( 328' IN 5 HRS @ 65.6 FPH )  
LAST SURVEY: MD-16514' TVD- 11,541.' / INC: 93.14° / AZM: 79.94°.  
ABOVE / BELOW: 2' BELOW  
LEFT / RIGHT: 14 LEFT

**HSE Risk**

NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

**Time Log**

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	10:45	4.75	6	Trip	TRIP OUT OF HOLE F/ 12,006' T/ 800' MAINTAINING DRY DISPLACMENT WITH 12.9 PPG SYSTEM MUD FROM TRIP TANK. FLOW CHECK. WELL STATIC. PULL ROTATING HEAD AND INSTALL TRIP NIPPLE. CONTINUE TO TRIP OUT OF HOLE T/ BHA @ 218'. NOTE RACK DRILL N REAM IN DERRICK ON THE BOTTOM OF LAST STAND.
10:45	12:15	1.50	95	L/D BHA	PJSM, LAY DOWN MOTOR RIG TO AND TEST RSS. SURFACE TEST DID NOT SHOW ANY SIGN OF ISSUES WITH RSS. BREAK OFF BIT AND LAY OUT. LAY OUT RIP STICK. PULL MWD AND LAY OUT.
12:15	14:15	2.00	94	P/U BHA	HOLD PJSM: P/U RSS BHA; NEW 6 3/4" HUGHES DD405TS (5-12'S, TFA-0.5522), NEW I-CRUISE CX RSS TOOL, UBHO, NMPC, GAP SUB, XO, NEW RIPSTICK, NEW 5" BLUE FORCE MUD MOTOR (8.8, 6/7, STRAIGHT MOTOR W/ 6 5/8" NBS), XO, 3 JNTS 4 1/2" DP, DRILL N REAM.
14:15	18:00	3.75	6	Trip	TRIP IN THE HOLE FILLING PIPE EVERY 30 STANDS F/ 218' T/ 9,200'. PULL TRIP NIPPLE AND INSTALL ROTAING HEAD. TRIP IN HOLE T/ 12,631'. HOLE DISPLACING PROPER FLUID.
18:00	18:30	0.50	7	Service Rig	RIG SERVICE ( SERVICE HPU OVER HEATING ISSUES )
18:30	20:45	2.25	6	Trip	TRIP IN THE HOLE FILLING PIPE EVERY 30 STANDS F/ 9,600' T/ 11,380'. PULL TRIP NIPPLE AND INSTALL ROTAING HEAD. TRIP IN HOLE T/ 12,631'. HOLE DISPLACING PROPER FLUID.
20:45	21:15	0.50	20	Directional	PERFORM CHECK SHOT @ 12,631" TO ENSURE WE ARE IN SIDE TRACK # 1. SUCCESSFUL ENTRY INTO SIDE TRACK.
21:15	23:00	1.75	6	Trip	TRIP IN THE HOLE FILLING PIPE EVERY 30 STANDS F/ 12,631' T/ 16,064'. HOLE DISPLACING PROPER FLUID. WASH & REAM AS NEEDED ( 12,631 - 12,778; 12,872 - 13,156'; 13,812 - 14,094' )
23:00	23:30	0.50	3	Reaming	WASH AND REAM F/ 16,064' T/ 16,269'. WHILE DOWN LINKING RSS TO 100 % MANUAL 90 RIGHT
23:30	00:00	0.50	5	Circ/Cond	TROUBLE SHOOT COMMUNICATIONS WITH MWD & RSS SYSTEM, MWD IS NOT TALKING TO I-CRUISE. INCLINATION AND AZIMUTH WORKING BUT WORKING 38' BACK FROM BIT, NO NEAR BIT DATA BEING PROVIDED.
00:00	00:30	0.50	2	Drilling	DRILL 6 3/4" SIDE TRACK # 1 PRODUCTION HOLE F/ 16,269' T/ 16,276' ( 40' @ 80 FPH ) WOB-30, GPM- 300, SPP- 5721, DIFF- 336, RPM - 100, TQ- 11,700 FT/LB DOWNLINK TO RESET RSS, DOWNLINK TO 100% MANUAL 90RIGHT, NO COMMUNICATION FROM MWD TO I-CRUISE RSS,
00:30	00:45	0.25	20	Directional	RECYCLE MUD PUMPS & PERFORM DOWNLINK
00:45	01:45	1.00	2	Drilling	DRILL 6 3/4" SIDE TRACK # 1 PRODUCTION HOLE F/ 16,276' T/ 16,324' ( 48' @ 48 FPH ) WOB-30, GPM- 300, SPP- 5721, DIFF- 336, RPM - 100, TRQ- 11,700 FT/LB DOWNLINK TO RESET RSS, DOWNLINK TO 100% MANUAL 90RIGHT, NO COMMUNICATION FROM MWD TO I-CRUISE RSS, ** AT 16,288' MD I-CRUISE AND MWD COMMUNICATING 100% ****
01:45	02:30	0.75	20	Directional	RECYCLE MUD PUMPS & PERFORM DOWNLINK 100% MANUAL. CONTROL REST DUE TO COMMUNICATION ERROR, DOWNLINK TO 66 RIGHT AT 100%
02:30	06:00	3.50	2	Drilling	DRILL 6 3/4" SIDE TRACK # 1 PRODUCTION HOLE F/ 16,324' T/ 16,597' ( 273' @ 78 FPH ) WOB-30, GPM- 300, SPP- 5721, DIFF- 336, RPM - 100, TRQ- 11,700 FT/LB DOWNLINK TO 36 RIGHT AT 100% @ 16,362'; DOWNLINK AND SET CRUISE 1.5° @ 93.40 INBC & 80.63 AZM @ 16,416'

**Mud Checks**

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft²)
16:00	AES VERT	16,270.0	12.85	74	32.0	12.000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
8	10	13				26.1
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	56.8	17.1				375.0
Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft²)
04:00	AES VERT	16,459.0	12.80	73	32.0	11.000
Gel 10 sec (lbf/100ft²)	Gel 10 min (lbf/100ft²)	Gel 30 min (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
7	10	15				25.8
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	57.1	17.1				389.0

**Mud Pumps**

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
16,326.00	88.40	73.29	11,547.19	4,266.73	1,114.81	4,119.41	7.63	-1.98	7.37
16,419.00	92.88	81.26	11,546.15	4,359.45	1,135.27	4,210.02	9.83	4.82	8.57
16,514.00	93.13	79.94	11,541.17	4,453.63	1,150.76	4,303.61	1.41	0.26	-1.39
16,597.00	93.13	79.94	11,536.64	4,536.02	1,165.24	4,385.22	0.00	0.00	0.00

**Well Name: UL GENE PARMESAN A5 11UA**

**Casing Strings**

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

**Safety Check Summary**

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	65	4/24/2024	0	4/24/2024	1



Daily Partner Report

Report End Date: 4/27/2024
Report #: 40.0, DFS: 37.47

Well Name: UL GENE PARMESAN A5 11UA

Table with 6 columns: API Number, Surface Legal Location, Permit #, State, Field Name, County. Includes data for 42475387370000, Sec. 21, Blk 18, UL, A-U100, 896472, TX, OUTLAW, WARD.

Table with 6 columns: Job Category, Primary Job Type, Report Number, Depth Progress (ft), Cum Time Log Sp (days). Includes data for Drilling, Original, 40.0, 590.00, 37.47.

Table with 6 columns: Spud Date, Rig Release Date, Original KB Elevation (ft), KB-Ground Distance (ft), Rig. Includes data for 3/6/2024, 2,824.67, 33.50, Nabors Industries Ltd., X-23.

Daily Cost Summary table with 4 columns: AFE Number, Total AFE + Supp Amount (Cost), Daily Field Est Total (Cost), Cum Field Est To Date (Cost). Includes data for DC231029, 4583041, 90,608, 6,189,217.

Operations at Report Time: BACK REAM OUT OF THE HOLE AT 600 FPH AT 18,900' MD. Operations Next Report Period: BACK REAM OUT OF THE HOLE, TRIP OUT OF THE HOLE ON ELEVATORS TO BHA, LAY DOWN DIRECTIONAL BHA, REMOVE WEAR BUSHING, PJSM RIG UP CASING CREW AND RUN 5 1/2" PRODUCTION CASING AND LAND OUT @ 21,980'.

Operations Summary: DRILL 6 3/4" PRODUCTION LATERAL F/21,409' T/ 21,999' MD. CIRCULATE HOLE PUMPING HIGH VIS SWEEPS FROM WELLBORE. ATTEMPT TO TRIP OUT OF HOLE. BACK REAM OUT OF HOLE F/ 21,999' T/ 18,900'. RAISE MUD WEIGHT FROM 13.1PPG TO 13.4 PPG.

Time Log table with 6 columns: Start Time, End Time, Dur (hr), Code 1, Code 2, Com. Includes entries for Drilling, Circ/Cond, and Reaming activities.

Mud Checks table with 8 columns: Time, Type, Depth (ftKB), Density (lb/gal), Funnel Viscosity (s/qt), PV Calc (cP), YP Calc (lb/100ft²). Includes data for 16:00 and 04:00.

Mud Pumps table with 6 columns: Pump #, Make, Model, SN, Liner Size (in), Stroke (in). Includes data for 3 Cameron pumps.

Survey Data table with 10 columns: MD (ftKB), Incl (°), Azm (°), TVD (ftKB), VS (ft), NS (ft), EW (ft), DLS (°/100ft), Build (°/100ft), Turn (°/100ft). Includes data for various depths.

Casing Strings table with 10 columns: Csg Des, Run Date, Set Depth (ftKB), Set Depth (TVD) (ftKB), OD (in), ID Nom Min (in), Wt/Len (lb/ft), Grade, Len (ft). Includes data for Conductor, Surface, and Intermediate strings.

Safety Check Summary table with 6 columns: Type, # Occur, Last Date, Days Last Chk (days), Next Date, Days Until Next Check (days). Includes data for Safety Meeting.



Daily Partner Report

Report End Date: 4/28/2024
Report #: 41.0, DFS: 38.47

Well Name: UL GENE PARMESAN A5 11UA

Table with 6 columns: API Number, Surface Legal Location, Permit #, State, Field Name, County. Includes Job Category, Primary Job Type, Report Number, Depth Progress, Cum Time Log Sp. Includes Spud Date, Rig Release Date, Original KB Elevation, KB-Ground Distance, Rig name.

Daily Cost Summary

Table with 6 columns: AFE Number, Total AFE + Supp Amount (Cost), Daily Field Est Total (Cost), Cum Field Est To Date (Cost), Start Depth (ftKB), End Depth (ftKB), Start Depth (TVD) (ftKB), End Depth (TVD) (ftKB), Target Depth (ftKB), Target Formation, Problem Time Hours (hr), Cum Problem Time Hours (hr), Percent Problem Time (%), Cum Percent Problem Time (%), Time Log - Problem Hours (hr), Cum Up Time - Down Time (hr).

Operations at Report Time: RIGGING UP BYRDS CASING TOOLS & EQUIPMENT. Operations Next Report Period: RUN 5 1/2" PRODUCTION CASING AND LAND OUT @ 21,980'. CIRCULATE 1.1 TIMES CASING CAPACITY. BEGIN CEMENTING 5 1/2" PRODUCTION CASING

Operations Summary: BACK REAM OUT OF HOLE F/ 18,900' T/ 16,277'. PULL 5 STANDS ON ELEVATORS T/ 15,700'. CIRCULATE BOTTOMS UP. FLOW CHECK. WELL STATIC. PUMP SLUG. TRIP OUT OF HOLE ON ELEVATORS F/ 16,277' T/ BHA. LAY OUT BHA. CLEAN RIG FLOOR. RIG UP CASING CREW AND EQUIPMENT, REPAIR CAT WALK, CONTINUE RIGGING UP CASING TOOLS AND EQUIPMENT

HSE Risk: NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

Time Log table with columns: Start Time, End Time, Dur (hr), Code 1, Code 2, Com. Contains detailed activity logs from 06:00 to 05:30.

Mud Checks table with columns: Time, Type, Depth (ftKB), Density (lb/gal), Funnel Viscosity (s/qt), PV Calc (cP), YP Calc (lb/100ft²), Gel 10 sec (lb/100ft²), Gel 10 min (lb/100ft²), Gel 30 min (lb/100ft²), Filtrate (mL/30min), Filter Cake (1/32"), pH, Solids (%), MBT (lb/bbl), Percent Oil (%), Percent Water (%), Chlorides (mg/L), Calcium (mg/L), Potassium (mg/L), Electric Stab (V).

Mud Pumps table with columns: Pump #, Make, Model, SN, Liner Size (in), Stroke (in). Lists pumps 1, 2, and 3.

Survey Data table with columns: MD (ftKB), Incl (°), Azm (°), TVD (ftKB), VS (ft), NS (ft), EW (ft), DLS (°/100ft), Build (°/100ft), Turn (°/100ft).

Casing Strings table with columns: Csg Des, Run Date, Set Depth (ftKB), Set Depth (TVD) (ftKB), OD (in), ID Nom Min (in), Wt/Len (lb/ft), Grade, Len (ft). Lists Conductor, Surface, and Intermediate strings.

Safety Check Summary table with columns: Type, # Occur, Last Date, Days Last Chk (days), Next Date, Days Until Next Check (days). Shows a Safety Meeting on 4/28/2024.



# Daily Partner Report

Report End Date: 4/29/2024

Report #: 42.0, DFS: 39.47

Well Name: UL GENE PARMESAN A5 11UA

API Number 42475387370000	Surface Legal Location Sec. 21, Blk 18, UL, A-U100	Permit # 896472	State TX	Field Name OUTLAW	County WARD
Job Category Drilling	Primary Job Type Original	Report Number 42.0	Depth Progress (ft) 0.00	Cum Time Log Sp (days) 39.47	
Spud Date 3/6/2024	Rig Release Date	Original KB Elevation (ft) 2,824.67	KB-Ground Distance (ft) 33.50	Rig Nabors Industries Ltd., X-23	

### Daily Cost Summary

AFE Number DC231029	Total AFE + Supp Amount (Cost) 4583041	Daily Field Est Total (Cost) 81,380	Cum Field Est To Date (Cost) 7,125,322		
Start Depth (ftKB) 21,999.0	End Depth (ftKB) 21,999.0	Start Depth (TVD) (ftKB) 11,471.5	End Depth (TVD) (ftKB) 11,471.5	Target Depth (ftKB) 22,384	Target Formation Wolfcamp
Problem Time Hours (hr) 0.75	Cum Problem Time Hours (hr) 596.00	Percent Problem Time (%) 3.13	Cum Percent Problem Time (%) 62.69	Time Log - Problem Hours (hr) 23.25	Cum Up Time - Down Time (hr) 354.75

Operations at Report Time RUN IN HOLE WITH 5-1/2" PRODUCTION CASING AT 20,490' MD	Operations Next Report Period RUN IN HOLE WITH 5-1/2" PRODUCTION CASING & LAND OUT @ 21,980, CIRCULATE 1.1 TIMES CASING CAPACITY. CEMENT CASING ON LINE AS PER CEMENTING PROGRAM. NIPPLE DOWN BOP, INSTALL TA CAP & RELEASE RIG
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Operations Summary  
 PJSM. MAKE UP SHOE TRACK AND TEST SAME. RUN IN HOLE WITH 5.5" PRODUCTION CASING/ 3,200' BREAK CIRCULATION AND CIRCULATE BOTTOMS UP. CONTINUE RUNNING IN HOLE WITH 5.5" PRODUCTION CASING T/ 11,670'. BREAK CIRCULATION. CONTINUE RUNNING IN HOLE WITH PRODUCTION CASING BREAKING CIRCULATION EVERY 2,500' IN THE LATERAL. LAND OUT @ 21,980'. RIG OUT CASING CREW AND CIRCULATE 1.1 TIMES CASING CAPACITY.

HSE Risk  
 NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

### Time Log

Start Time	End Time	Dur (hr)	Code 1	Code 2	Com
06:00	11:00	5.00	12	CSG & CMT	PJSM. MAKE UP 5.5" CASING SHOE TRACK AND RUN IN HOLE. PUMP THROUGH SHOE TRACK AND CONFIRM CIRCULATION. GOOD TEST. CONTINUE RUNNING IN HOLE WITH 5.5" PRODUCTION CASING TO 3,244'.
11:00	11:15	0.25	5	Circ/Cond	BREAK CIRCULATION AND CIRCULATE BOTTOMS UP TO STAGE SLUG FROM WELL BORE.
11:15	12:00	0.75	23	Other	TROUBLESHOOT ISSUE WITH CRT NOT DISENGAGING. BLEED OFF ALL AIR AND CRT TOOL DISENGAGED.
12:00	06:00	18.00	12	CSG & CMT	CONTINUE RUNNING IN HOLE WITH 5.5" PRODUCTION CASING T/ 20,490'. BREAK CIRCULATION PRIOR TO LEAVING CASING. CONTINUE TO RUN IN HOLE WITH 5.5" PRODUCTION CASING AND LAND OUT AT 21,980'. NOTE; BREAK CIRCULATION EVERY 2,500' TO ENSURE SHOE TRACK NOT PACKED OFF.

### Mud Checks

Time	Type	Depth (ftKB)	Density (lb/gal)	Funnel Viscosity (s/qt)	PV Calc (cP)	YP Calc (lb/100ft <sup>2</sup> )
16:00	AES VERT	21,999.0	13.20	85	33.0	13,000
Gel 10 sec (lb/100ft <sup>2</sup> )	Gel 10 min (lb/100ft <sup>2</sup> )	Gel 30 min (lb/100ft <sup>2</sup> )	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
7	12	16				27.6
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	58.0	14.4				321.0
04:00	AES VERT	21,999.0	13.30	84	35.0	13,000
Gel 10 sec (lb/100ft <sup>2</sup> )	Gel 10 min (lb/100ft <sup>2</sup> )	Gel 30 min (lb/100ft <sup>2</sup> )	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)
7	12	15				27.9
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)
	57.7	14.4				331.0

### Mud Pumps

Pump #	Make	Model	SN	Liner Size (in)	Stroke (in)
1	Cameron	1600		4 3/4	12.00
2	Cameron	1600		4 3/4	12.00
3	Cameron	1600		4 3/4	12.00

### Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
21,999.00	89.95	71.62	11,471.52	9,932.63	2,717.23	9,554.00	0.00	0.00	0.00

### Casing Strings

Csg Des	Run Date	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	OD (in)	ID Nom Min (in)	Wt/Len (lb/ft)	Grade	Len (ft)
Conductor	2/14/2024	119.0	119.0	20	19	106.50	J-55	85.50
Surface	3/6/2024	1,257.0	1,257.0	10 3/4	9.95	45.50	J-55	1,227.56
Intermediate	3/21/2024	11,749.0	11,467.4	7 5/8	6 7/8	29.70	HCL-80	11,714.13

### Safety Check Summary

Type	# Occur	Last Date	Days Last Chk (days)	Next Date	Days Until Next Check (days)
Safety Meeting	75	4/29/2024	0	4/29/2024	1



Daily Partner Report

Report End Date: 4/30/2024
Report #: 43.0, DFS: 40.09

Well Name: UL GENE PARMESAN A5 11UA

Table with 6 columns: API Number, Surface Legal Location, Permit #, State, Field Name, County. Includes data for 42475387370000, Sec. 21, Blk 18, UL, A-U100, 896472, TX, OUTLAW, WARD.

Daily Cost Summary

Table with 6 columns: AFE Number, Total AFE + Supp Amount (Cost), Daily Field Est Total (Cost), Cum Field Est To Date (Cost), Start Depth (ftKB), End Depth (ftKB), Start Depth (TVD) (ftKB), End Depth (TVD) (ftKB), Target Depth (ftKB), Target Formation, Problem Time Hours (hr), Cum Problem Time Hours (hr), Percent Problem Time (%), Cum Percent Problem Time (%), Time Log - Problem Hours (hr), Cum Up Time - Down Time (hr).

Operations at Report Time: RELEASED RIG TO THE UL GENE PARMESAN A4 29 BS. Operations Next Report Period: RELEASED RIG TO THE UL GENE PARMESAN A4 29 BS.

Operations Summary: RUN 5.5" PRODUCTION CASING T/ 21,980', CIRCULATE CASING, R/U CRT AND R/U CEMENT HEAD AND IRON, PUMP CEMENT AS PER PLAN, R/U CEMENTERS, L/D LANDING JOINT, INSTALL PACK OFF, NIPPLE DOWN BOP. INSTALL BPV, NU TA CAP

HSE Risk: NO INCIDENT REPORTED LAST 24 HRS. HSE RISKS: FORKLIFT OPERATIONS, MAN LIFT OPERATIONS, GOOD COMMUNICATION, PINCH POINTS, HAND AND FINGER PLACEMENT, INSPECT TOOLS AND EQUIPMENT PRIOR TO USE, STOP WORK AUTHORITY, BUFFER ZONES, HOUSE KEEPING.

Time Log table with 6 columns: Start Time, End Time, Dur (hr), Code 1, Code 2, Com. Includes entries for 06:00-08:15, 08:15-11:00, 11:00-11:30, 11:30-16:00, 16:00-18:30, 18:30-20:00, 20:00-21:00.

Mud Pumps table with 6 columns: Pump #, Make, Model, SN, Liner Size (in), Stroke (in). Includes 3 pumps from Cameron with model 1600.

Survey Data table with 10 columns: MD (ftKB), Incl (°), Azm (°), TVD (ftKB), VS (ft), NS (ft), EW (ft), DLS (°/100ft), Build (°/100ft), Turn (°/100ft).

Casing Strings table with 9 columns: Csg Des, Run Date, Set Depth (ftKB), Set Depth (TVD) (ftKB), OD (in), ID Nom Min (in), Wt/Len (lb/ft), Grade, Len (ft). Includes Conductor, Surface, Intermediate, and Production strings.

Safety Check Summary table with 6 columns: Type, # Occur, Last Date, Days Last Chk (days), Next Date, Days Until Next Check (days). Includes Safety Meeting on 4/29/2024.