



Daily Partner Report

9/13/2016 00:30 - 9/13/2016 06:00

Well Name: UNIVERSITY 7-0213 N 03SC

Report# 1

DFS 0.0

Well Info

API 42-317-40523	Surface Legal Location S13-7 , U L SVY, U19	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	

Job Summary

Job Category DRILLING	Last Casing String	JOB AFE AMOUNT (Cost) 2,380,100.00	Cum Field Est To Date (Cost) 60,736.01
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Daily Ops Summary

RIG UNIT 103	Wellbore Name Original Hole	End Depth (ft, KB) 105.0	Progress (ft) 0	Daily Field Est Total (Cost) 60,736.01
Weather Clear	Hole Condition Good	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum Time Log Days (days) 0.23

Operations at Report Time
PICKING UP BHA

Operations Summary
SKID RIG FROM UL 7-0213N 02SA, RIG UP AND PREP RIG TO SPUD, PICK UP BHA

Operations Next Report Period
DRILL SURFACE, TRIP OUT FOR CASING, RUN 13 3/8 CASING, CEMENT, WELD ON WELL HEAD AND NIPPLE UP BOP

Time Log

Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
00:30	05:00	4.50	MOVE RIG	LOC	3		105.0	105.0	PJSM, SKID RIG FROM THE UL 7-0213N - SKID RIG 25' AND CENTER OVER HOLE, RU CELLAR PUMP, MUD LINES, CATWALK, MISC. RIG UP AFTER SKID, TEST LINES TO 2000 PSI
05:00	06:00	1.00	PU/LD BHA	TRP	1		105.0		PU BIT, BS, 1 STAND WITH 17" STAB AND TAG BOTTOM AT 105'

Head Count / Man Hours

Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR PRODUCTION CASING INTERMEDIATE CASING SURFACE CASING	13 3/8	533.0	-5.6			54.50		



Daily Partner Report

9/13/2016 06:00 - 9/14/2016 06:00

Well Name: UNIVERSITY 7-0213 N 03SC

Report# 2

DFS 1.0

Well Info									
API 42-317-40523		Surface Legal Location S13-7 , U L SVY, U19		Division PERMIAN BASIN DIVISION		Field Name SPRABERRY		Spud Date	
County MARTIN		State TEXAS		Ground Elevation (ft) 2,911		Original KB Elevation (ft) 2,936			
Job Summary									
Job Category DRILLING		Last Casing String SURFACE CASING, 533.0ft, KB		JOB AFE AMOUNT (Cost) 2,380,100.00		Cum Field Est To Date (Cost) 174,321.84			
Daily Ops Summary									
RIG UNIT 103		Wellbore Name Original Hole		End Depth (ft, KB) 533.0		Progress (ft) 428		Daily Field Est Total (Cost) 112,685.83	
Weather CLEAR		Hole Condition Good		Drilling Hours (hr) 3.50		Avg ROP (ft/hr) 122.3		Cum Time Log Days (days) 1.23	
Operations at Report Time DRILLING SHOE TRACK									
Operations Summary DRILL SURFACE, TRIP OUT OF HOLE RUN CASING, AND CEMENT, NIPPLE UP BOP AND TEST, MAKE UP BHA AND DRILL SHOE TRACK									
Operations Next Report Period DRILL AHEAD IN INTERMEDIATE HOLE									
Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	06:30	0.50	PU/LD BHA	TRP	1		105.0	105.0	MAKE UP IBS AND TAG BOTTOM AND FILL HOLE
06:30	10:00	3.50	ROTARY DRILL	DRL	1		105.0	533.0	ROT DRILL FROM 105-533' WOB 25K ROT 90RPM,
10:00	10:30	0.50	CIRCULATE/C ONDITION	CIRC	1		533.0	533.0	CIRCULATE HOLE CLEAN
10:30	11:30	1.00	TRIP	TRP	2		533.0	533.0	TRIP OUT OF HOLE TO RUN SURFACE CASING,LD BHA TOOLS
11:30	12:00	0.50	SAFETY MEETING	RIG	7		533.0	533.0	HELD PJSM WITH CASING CREW
12:00	14:00	2.00	RUN CASING	CSG	2		533.0	533.0	RIG UP CASING EQUIPMENT,MAKE UP SHOE TRACK & RUN 13 JOINTS OF13 3/8" SURFACE CASING,WASH LAST JT TO BTM
14:00	14:30	0.50	CIRCULATE/C ONDITION	CIRC	1		533.0	533.0	CIRC CASING
14:30	16:00	1.50	CEMENTING	CMT	2		533.0	533.0	HELD PJSM,RU CEMENTERS ,CEMENT SURFACE CASING, BUMP PLUG, FLOATS HELD, 50 BBL CMT TO SURFACE
16:00	16:30	0.50	RIG UP/DOWN CEMENTERS	CMT	1		533.0	533.0	R/D CEMENTERS
16:30	17:00	0.50	MISCELLANE OUS	OTH			533.0	533.0	CLEAN CELLAR & CENTER CASING
17:00	18:30	1.50	NU/ND BOP	BOP	1		533.0	533.0	CUT CASING, INSTALL AND WELD WELL HEAD AND TEST SAME
18:30	21:30	3.00	NU/ND BOP	BOP	1		533.0	533.0	PJSM - NU BOP AND CHOKE LINES, TESTED CHOKE MANIFOLD ,TOP DRIVE ,FLOOR VALVES WHILE FINISH NU BOP TO 250 PSI AND 5000 PSI. TEST MUD LINE TO 4000 PSI
21:30	00:00	2.50	TEST BOP	BOP	2		533.0	533.0	FINISH TESTING BOP.TEST DART VALVE,TOP & BOTTOM RAMS,BLIND RAMS,KILL LINE & CHECK VALVE,HCR & MANUAL VALVE TO 5000 & 250 PSI.TEST ANNULAR TO 3500 & 250 PSI.
00:00	00:30	0.50	PRESSURE TEST CASING	EQT	1		533.0	533.0	TEST CASING TO 500 PSI FOR 30 MINUTES
00:30	01:00	0.50	MISCELLANE OUS	OTH			533.0	533.0	SET WEAR BUSHING
01:00	02:30	1.50	MISCELLANE OUS	OTH			533.0	533.0	INSTALL CELLAR COVERS, ADD 10" EXTENSION SPOOL TO FLOWLINE, LEVEL RIG AND CENTER
02:30	05:30	3.00	PU/LD BHA	TRP	1		533.0	533.0	PU MUD MOTOR AND SCRIBE, PU MWD PROBE AND TEST MWD AND MM, PU BIT AND 11 3/4" NON MAG IBS AND TIH TO



Well Name: UNIVERSITY 7-0213 N 03SC

Report# 2

DFS 1.0

Time Log

Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
05:30	06:00	0.50	DRILL CEMENT/EQUIPMENT	DRL	4		533.0	533.0	DRILL FLOAT EQUIP

Head Count / Man Hours

Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR								
PRODUCTION CASING	13 3/8	533.0	-5.6	9/13/2016		54.50		
SURFACE CASING		8,139.0						
INTERMEDIATE CASING								



Daily Partner Report

9/14/2016 06:00 - 9/15/2016 06:00

Well Name: UNIVERSITY 7-0213 N 03SC

Report# 3

DFS 2.0

Well Info

API 42-317-40523	Surface Legal Location S13-7, U L SVY, U19	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 9/13/2016
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	

Job Summary

Job Category	Last Casing String	JOB AFE AMOUNT (Cost)	Cum Field Est To Date (Cost)
DRILLING	SURFACE CASING, 533.0ft, KB	2,380,100.00	213,321.42

Daily Ops Summary

RIG	Wellbore Name	End Depth (ft, KB)	Progress (ft)	Daily Field Est Total (Cost)
UNIT 103	Original Hole	533.0	0	39,801.86
Weather	Hole Condition	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum Time Log Days (days)
CLEAR	Good			2.23

Operations at Report Time

ROTATE DRILL INTERMEDIATE HOLE SECTION AT 140 FPH

Operations Summary

ROTATE & SLIDE DRILL FROM 533' TO 3800, SURVEYS AND CONNECTIONS

Operations Next Report Period

DRILL AHEAD IN INTERMEDIATE HOLE

Time Log

Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	11:00	5.00	DIRECTIONAL DRILL	DRL	2		533.0	1,725.0	DIRECTIONAL DRILL FROM 533'-1725 =1192' @ 243 FPH, WOB 40K, RPM 65, 800 GPM BUILD NUDGE TO 3 DEGREES AND HOLD TO 1500' THEN BUILD NUDGE TO 6 DEGREES
11:00	13:00	2.00	SURVEY	SUR	1		1,725.0	1,725.0	SURVEY AND CONNECTIONS
13:00	13:30	0.50	RIG SERVICE	RIG	1		1,725.0	1,725.0	RIG SERVICE AND TOP DRIVE INSPECTION
13:30	16:30	3.00	DIRECTIONAL DRILL	DRL	2		1,725.0	2,197.0	DIRECTIONAL DRILL FROM 1725'- 2197'=472' @ 157 FPH, WOB 40K, RPM 65, 800 GPM BUILD NUDGE TO 6 DEGREES AND HOLD
16:30	18:00	1.50	SURVEY	SUR	1		2,197.0	2,197.0	SURVEY AND CONNECTIONS
18:00	23:30	5.50	DIRECTIONAL DRILL	DRL	2		2,197.0	3,331.0	DIRECTIONAL DRILL FROM 2197' TO 3331' =1134' @ 206 FPH, WOB 40K, RPM 65, 800 GPM SLIDE AS NEEDED TO MAINTAIN HOLD
23:30	01:30	2.00	SURVEY	SUR	1		3,331.0	3,331.0	SURVEY AND CONNECTIONS
01:30	02:00	0.50	RIG SERVICE	RIG	1		3,331.0	3,331.0	RIG SERVICE AND TOP DRIVE INSPECTION
02:00	05:00	3.00	DIRECTIONAL DRILL	DRL	2		3,331.0	3,800.0	DIRECTIONAL DRILL FROM 3331' TO 3800' =469' @ 156 FPH, WOB 40K, RPM 65, 800 GPM SLIDE AS NEEDED TO MAINTAIN HOLD
05:00	06:00	1.00	SURVEY	SUR	1		3,800.0	3,800.0	SURVEY AND CONNECTIONS

Head Count / Man Hours

Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING								
CONDUCTOR	20	105.0	25.0	8/4/2016	18.54	133.00		
SURFACE CASING	13 3/8	533.0	-5.6	9/13/2016		54.50		
INTERMEDIATE CASING		8,139.0						



Daily Partner Report

9/15/2016 06:00 - 9/16/2016 06:00

Well Name: UNIVERSITY 7-0213 N 03SC

Report# 4

DFS 3.0

Well Info									
API 42-317-40523		Surface Legal Location S13-7 , U L SVY, U19		Division PERMIAN BASIN DIVISION		Field Name SPRABERRY		Spud Date 9/13/2016	
County MARTIN		State TEXAS		Ground Elevation (ft) 2,911		Original KB Elevation (ft) 2,936			
Job Summary									
Job Category DRILLING		Last Casing String SURFACE CASING, 533.0ft, KB		JOB AFE AMOUNT (Cost) 2,380,100.00		Cum Field Est To Date (Cost) 258,641.16			
Daily Ops Summary									
RIG UNIT 103		Wellbore Name Original Hole		End Depth (ft, KB) 4,800.0		Progress (ft) 1000		Daily Field Est Total (Cost) 43,736.14	
Weather CLEAR		Hole Condition Good		Drilling Hours (hr) 10.50		Avg ROP (ft/hr) 95.2		Cum Time Log Days (days) 3.23	
Operations at Report Time ROTATE DRILL WITH REDUCED PARAMETERS									
Operations Summary ROTATE & SLIDE DRILL FROM 3800' TO 4484', RIG REPAIR - RESOLVER CABLE ON TOP DRIVE, DRILL TO 4800', SURVEYS AND CONNECTIONS									
Operations Next Report Period DRILL AHEAD IN INTERMEDIATE HOLE									
Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	12:00	6.00	DIRECTIONAL DRILL	DRL	2		3,800.0	4,484.0	DIRECTIONAL DRILL FROM 3800' TO 4484' =684' @ 117 FPH, WOB 40K, RPM 65, 800 GPM SLIDE AS NEEDED TO MAINTAIN HOLD
12:00	13:00	1.00	SURVEY	SUR	1		4,484.0	4,484.0	SURVEY AND CONNECTIONS
13:00	00:30	11.50	RIG REPAIR	RIG	2	Rig Repairs	4,484.0	4,484.0	TOP DRIVE STOPPED ROT, WHEN TRYING TO ROT WAS READING MAX TORQUE, CHANGED OUT T CABLE, AND STARTED WORKING, ROUTE CABLE THRU SERVICE LOOP SOCK AND RETEST, WENT BACK TO DRILL AND TD MOTOR KICKED OUT, WAIT ON SERVICE TECH (2.5 HRS), DIAGNOSED BAD RECIEVER CABLE AND CHAGED SAME.
00:30	03:30	3.00	DIRECTIONAL DRILL	DRL	2		4,484.0	4,656.0	DIRECTIONAL DRILL FROM 4484 ' TO 4656' =172' @ 57 FPH, WOB 38K, RPM 50, 680 GPM SLIDE AS NEEDED TO MAINTAIN HOLD
03:30	04:00	0.50	RIG SERVICE	RIG	1		4,656.0	4,656.0	RIG SERVICE
04:00	05:30	1.50	DIRECTIONAL DRILL	DRL	2		4,656.0	4,800.0	DIRECTIONAL DRILL FROM 4656' TO 4800' =144' @ 96 FPH, WOB 38K, RPM 50, 680 GPM SLIDE AS NEEDED TO MAINTAIN HOLD
05:30	06:00	0.50	SURVEY	SUR	1		4,800.0	4,800.0	SURVEYS AND CONNECTIONS
Head Count / Man Hours									
Company		Type		Employee Type		Count	Reg Work Time (hr)	Tot Work Time (hr)	
Casing Strings									
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)	
PRODUCTION CASING CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00			
SURFACE CASING	13 3/8	533.0	-5.6	9/13/2016		54.50			
INTERMEDIATE CASING		8,139.0							



Daily Partner Report

9/16/2016 06:00 - 9/17/2016 06:00

Well Name: UNIVERSITY 7-0213 N 03SC

Report# 5

DFS 4.0

Well Info

API 42-317-40523	Surface Legal Location S13-7 , U L SVY, U19	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 9/13/2016
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	

Job Summary

Job Category DRILLING	Last Casing String SURFACE CASING, 533.0ft, KB	JOB AFE AMOUNT (Cost) 2,380,100.00	Cum Field Est To Date (Cost) 301,948.64
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Daily Ops Summary

RIG UNIT 103	Wellbore Name Original Hole	End Depth (ft, KB) 6,705.0	Progress (ft) 1905	Daily Field Est Total (Cost) 43,157.48
Weather THUNDERSTORMS - MUDDY	Hole Condition Good	Drilling Hours (hr) 20.00	Avg ROP (ft/hr) 95.3	Cum Time Log Days (days) 4.23

Operations at Report Time
ROTATE DRILL WITH REDUCED PARAMETERS
Operations Summary
ROTATE & SLIDE DRILL FROM 4800' TO 6705', SURVEYS AND CONNECTIONS
Operations Next Report Period
DRILL AHEAD IN INTERMEDIATE HOLE

Time Log

Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	15:00	9.00	DIRECTIONAL DRILL	DRL	2		4,800.0	5,602.0	DIRECTIONAL DRILL FROM 4800' TO 5602' =144' @ 96 FPH, WOB 38K, RPM 50, 680 GPM RAISED DRILLING PERIMETERS AT 5150 TO 750 GPM, 40 WOB AND 60 RPM SLIDE AS NEEDED TO DROP BACK TO VERTICAL
15:00	16:00	1.00	SURVEY	SUR	1		5,602.0	5,602.0	SURVEY AND CONNECTIONS
16:00	16:30	0.50	RIG SERVICE	RIG	1		5,602.0	5,602.0	RIG SERVICE AND TOP DRIVE INSPECTION
16:30	17:30	1.00	DIRECTIONAL DRILL	DRL	2		5,602.0	5,696.0	DIRECTIONAL DRILL FROM 5602' TO 5696' =94' @ 94 FPH, WOB 40K, RPM 60, 750 GPM SLIDE AS NEEDED TO DROP TO VERTICAL
17:30	18:00	0.50	SURVEY	SUR	1		5,696.0	5,696.0	SURVEY AND CONNECTIONS
18:00	01:00	7.00	DIRECTIONAL DRILL	DRL	2		5,996.0	6,546.0	DIRECTIONAL DRILL FROM 5696' TO 6546' =850' @ 121 FPH, WOB 40K, RPM 60, 750 GPM (REDUCE TO 50 RPM AND 680 GPM AT 6500') SLIDE AS NEEDED TO DROP TO VERTICAL THEN MAINTAIN VERTICAL
01:00	02:00	1.00	SURVEY	SUR	1		6,546.0	6,546.0	SURVEY AND CONNECTIONS
02:00	02:30	0.50	RIG SERVICE	RIG	1		6,546.0	6,546.0	RIG SERVICE AND TOP DRIVE INSPECTION
02:30	05:30	3.00	DIRECTIONAL DRILL	DRL	2		6,546.0	6,705.0	DIRECTIONAL DRILL FROM 6546' TO 6705' =159' @ 53 FPH, WOB 40K, RPM 50, 680 GPM SLIDE AS NEEDED TO MAINTAIN VERTICAL
05:30	06:00	0.50	SURVEY	SUR	1		6,705.0	6,705.0	SURVEY AND CONNECTIONS

Head Count / Man Hours

Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING								
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	533.0	-5.6	9/13/2016		54.50		
INTERMEDIATE CASING	9 5/8	8,152.0	-7.5	9/18/2016		40.00		



Daily Partner Report

9/17/2016 06:00 - 9/18/2016 06:00

Well Name: UNIVERSITY 7-0213 N 03SC

Report# 6

DFS 5.0

Well Info					
API 42-317-40523		Surface Legal Location S13-7 , U L SVY, U19		Division PERMIAN BASIN DIVISION	
				Field Name SPRABERRY	
County MARTIN		State TEXAS		Spud Date 9/13/2016	
				Ground Elevation (ft) 2,911	
				Original KB Elevation (ft) 2,936	
Job Summary					
Job Category DRILLING		Last Casing String SURFACE CASING, 533.0ft, KB		JOB AFE AMOUNT (Cost) 2,380,100.00	
				Cum Field Est To Date (Cost) 347,640.83	
Daily Ops Summary					
RIG UNIT 103		Wellbore Name Original Hole		End Depth (ft, KB) 8,172.0	
Weather CLEAR		Hole Condition Good		Progress (ft) 1467	
				Daily Field Est Total (Cost) 45,692.19	
				Avg ROP (ft/hr) 71.6	
				Cum Time Log Days (days) 5.23	
Operations at Report Time CIRC SWEEP AND CASING POINT FOR WIPER TRIP TO 4500'					
Operations Summary ROTATE & SLIDE DRILL FROM 6705' TO 8172', SURVEYS AND CONNECTIONS					
Operations Next Report Period SWEEP AND CBU, WIPER TRIP TO 4500', SWEEP AND CBU, TOH AND RACK BACK BHA, RU CASERS AND RUN 9 5/8" CASING TO 8152', CIRC AND CEMENT 1ST STAGE					

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	15:30	9.50	DIRECTIONAL DRILL	DRL	2		6,705.0	7,402.0	DIRECTIONAL DRILL FROM 6705' TO 7402' =697' @ 73 FPH, WOB 40K, RPM 50, 680 GPM SLIDE AS NEEDED TO MAINTAIN VERTICAL
15:30	16:30	1.00	SURVEY	SUR	1		7,402.0	7,402.0	SURVEY AND CONNECTIONS
16:30	17:00	0.50	RIG SERVICE	RIG	1		7,402.0	7,402.0	RIG SERVICE AND TOP DRIVE INSPECTION
17:00	23:00	6.00	DIRECTIONAL DRILL	DRL	2		7,402.0	7,818.0	DIRECTIONAL DRILL FROM 7402' TO 7818' =416' @ 69 FPH, WOB 40K, RPM 60, 720 GPM SLIDE AS NEEDED TO MAINTAIN VERTICAL
23:00	23:30	0.50	SURVEY	SUR	1		7,818.0	7,818.0	SURVEY AND CONNECTIONS
23:30	00:00	0.50	MISCELLANEOUS	OTH			7,818.0	7,818.0	WORK ON #2 PUMP - PULL VALVE CAPS AND REMOVE PLASTIC CAP WEDGED UNDER VALVE
00:00	03:30	3.50	DIRECTIONAL DRILL	DRL	2		7,818.0	8,067.0	DIRECTIONAL DRILL FROM 7818' TO 8067' =249' @ 71 FPH, WOB 40K, RPM 60, 720 GPM SLIDE AS NEEDED TO MAINTAIN VERTICAL
03:30	04:00	0.50	RIG SERVICE	RIG	1		8,067.0	8,067.0	RIG SERVICE AND TOP DRIVE INSPECTION
04:00	05:30	1.50	DIRECTIONAL DRILL	DRL	2		8,067.0	8,172.0	DIRECTIONAL DRILL FROM 8067' TO 8172' (TD)=105' @ 70 FPH, WOB 40K, RPM 60, 720 GPM SLIDE AS NEEDED TO MAINTAIN VERTICAL
05:30	06:00	0.50	SURVEY	SUR	1		8,172.0	8,172.0	SURVEY AND CONNECTIONS

Head Count / Man Hours					
Company		Type		Employee Type	Count

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	533.0	-5.6	9/13/2016		54.50		
INTERMEDIATE CASING	9 5/8	8,152.0	-7.5	9/18/2016		40.00		



Daily Partner Report

9/18/2016 06:00 - 9/19/2016 06:00

Well Name: UNIVERSITY 7-0213 N 03SC

Report# 7
DFS 6.0

Well Info

API 42-317-40523	Surface Legal Location S13-7 , U L SVY, U19	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 9/13/2016
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	

Job Summary

Job Category DRILLING	Last Casing String INTERMEDIATE CASING, 8,152.0ft, KB	JOB AFE AMOUNT (Cost) 2,380,100.00	Cum Field Est To Date (Cost) 580,496.84
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Daily Ops Summary

RIG UNIT 103	Wellbore Name Original Hole	End Depth (ft, KB) 8,172.0	Progress (ft) 0	Daily Field Est Total (Cost) 232,856.01
Weather CLEAR	Hole Condition Good	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum Time Log Days (days) 6.23

Operations at Report Time CIRCULATING CASING ON BOTTOM
Operations Summary SHORT TRIP TO 4500' TRIP OUT OF HOLE AND LD DIRECTIONAL TOOLS, RIG UP CASING CREW AND RUN 9 5/8 CASING, CIRCULATE CASING ON BOTTOM AND RIG UP CEMENTERS
Operations Next Report Period CEMENT WITH ALLIED, SET PACK OFF, AND PREP RIG TO SKID

Time Log

Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	07:00	1.00	CIRCULATE/C ONDITION	CIRC	1		8,172.0	8,172.0	PUMP 40 BBL HIGH VIS SWEEP AND CIRCULATE HOLE CLEAN FOR SHORT TRIP
07:00	08:30	1.50	SHORT TRIP	TRP	14		8,172.0	8,172.0	SHORT TRIP 39 STANDS UP TO 4500' NO ISSUES
08:30	10:30	2.00	CIRCULATE/C ONDITION	CIRC	1		8,172.0	8,172.0	PUMP 40 BBL SWEEP AND CIRCULATE HOLE CLEAN FOR 9 5/8 CASING
10:30	16:00	5.50	TRIP	TRP	2		8,172.0	8,172.0	TRIP OUT OF HOLE FOR 9 5/8 CASING, LD BIT, MM, MONEL, THRUSTER AND CHANGE JARS
16:00	16:30	0.50	MISCELLANE OUS	OTH			8,172.0	8,172.0	PULL WEAR BUSHING
16:30	17:30	1.00	RIG UP/DOWN CSG CREW	CSG	1		8,172.0	8,172.0	PJSM, RIG UP CASING CREW AND CRT TOOL
17:30	04:00	10.50	RUN CASING	CSG	2		8,172.0	8,172.0	MAKE UP SHOE TRACK AND TEST FLOATS, RUN 9 5/8 CASING WITH DV TOOL AT 5532' . CIRC AT 2690', 5500' AND 8040". WASH LAST JOINT TO BOTTOM, L/D TAG JOINT MAKE UP LANDING JOINT AND HANGER, AND LAND 9 5/8 CASING AT 8152'
04:00	06:00	2.00	CIRCULATE/C ONDITION	CIRC	1		8,172.0	8,172.0	CIRC CASING - RIG DOWN CASING CREW AND RIG UP CEMENTERS

Head Count / Man Hours

Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	533.0	-5.6	9/13/2016		54.50		
INTERMEDIATE CASING	9 5/8	8,152.0	-7.5	9/18/2016		40.00		



Daily Partner Report

9/19/2016 06:00 - 9/20/2016 06:00

Well Name: UNIVERSITY 7-0213 N 03SC

Report# 8
DFS 7.0

Well Info					
API 42-317-40523		Surface Legal Location S13-7 , U L SVY, U19		Division PERMIAN BASIN DIVISION	
Field Name SPRABERRY		Spud Date 9/13/2016			
County MARTIN		State TEXAS		Ground Elevation (ft) 2,911	
Original KB Elevation (ft) 2,936					
Job Summary					
Job Category DRILLING		Last Casing String INTERMEDIATE CASING, 8,152.0ft, KB		JOB AFE AMOUNT (Cost) 2,380,100.00	
Cum Field Est To Date (Cost) 696,521.55					
Daily Ops Summary					
RIG UNIT 103		Wellbore Name Original Hole		End Depth (ft, KB) 8,172.0	
Progress (ft) 0		Daily Field Est Total (Cost) 115,536.60			
Weather CLEAR		Hole Condition Good		Drilling Hours (hr)	
Avg ROP (ft/hr)		Cum Time Log Days (days) 6.94			
Operations at Report Time RIG RELEASED TO THE UL 7-0213 N 04SA					
Operations Summary CEMENT 1ST STAGE, CIRC, CEMENT 2ND STAGE AND CLOSE DV TOOL, FLUSH BOP, SET PACKOFF, DISCONNECT LINES AND PREP TO SKID, PU BOP AND INSTALL NIGHTCAP					
Operations Next Report Period					

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	10:00	4.00	CEMENTING	CMT	2		8,172.0	8,172.0	TEST CEMENT HEAD TO 3000 PSI, PUMP 1ST STAGE OF 20 BBLS OF WATER SPACER, 20 BBLS OF GEL SPACER, 220 BBLS OF 11.8# LEAD CEMENT AND 53 BBLS OF 14.2# TAIL CEMENT DISPLACED WITH 220 BBLS OF WATER FOLLOWED BY 392 BBLS OF 9.7# BRINE
10:00	10:30	0.50	CEMENTING	CMT	2		8,172.0	8,172.0	DROP BOMB OPEN DV TOOL WITH 700PSI, CIRCULATE 20 BBLS WITH ALLIED,
10:30	16:00	5.50	CIRCULATE/C ONDITION	CIRC	1		8,172.0	8,172.0	CIRCULATE CEMENT OUT OF HOLE 60 BBLS BACK TO SURFACE, REDUCE PUMPS TO 215 GPM, AND CONTINUE CIRCULATING TILL 15:45
16:00	20:00	4.00	CEMENTING	CMT	2		8,172.0	8,172.0	PJSM, PUMP CEMENT WITH ALLIED, 1635 SKS, 699 BBLS OF 11.8 CEMENT, AND 475 SKS 116 BBLS IF 14.8 # TAIL CEMENT, DROP PLUG AND DISPLACE WITH FRESH WATER 420 BBLS, FCP 1100PSI, BUMP PLUG - BRING PRESURE UP TO 2690 PSI TO CLOSE DV. SLOWED PUMPS TO 4 BBLS/M @ 340 BBLS INTO DISPLACEMENT, AND CEMENT TO SURFACE AT 355 BBLS INTO DISPLACEMENT, LOST RETURNS 359 BBLS INTO DISPLACEMENT, SLOWED PUMPS TO 3 BBL/MIN
20:00	20:30	0.50	MISCELLANE OUS	OTH			8,172.0	8,172.0	FLUSH BOP AND RIG DOWN CEMENTERS
20:30	23:00	2.50	NU/ND BOP	BOP	1		8,172.0	8,172.0	BREAK CHOKE LINES AND MUD LINES, REMOVE FLOW LINE, PRE PRIG TO SKID, SET PACK OFF AND TEST TO STREAM FLO SPECS 5K, LAY DOWN LANDING JOINT AND NIPPLE DOWN BOP AND LIFT SAME - RR AT 23:00 9/19/2016 FOR SKID TO THE UL 7-0213 N 04SA

Head Count / Man Hours					
Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING	20	105.0	25.0	8/2/2016	18.54	133.00		
CONDUCTOR	13 3/8	533.0	-5.6	9/13/2016		54.50		
SURFACE CASING								



Well Name: UNIVERSITY 7-0213 N 03SC

Report# 8

DFS 7.0

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
INTERMEDIATE CASING	9 5/8	8,152.0	-7.5	9/19/2016		40.00		



Daily Partner Report

11/21/2016 06:00 - 11/22/2016 06:00

Well Name: UNIVERSITY 7-0213 N 03SC

Report# 11

DFS 10.0

Well Info

API 42-317-40523	Surface Legal Location S13-7 , U L SVY, U19	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 9/13/2016
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	

Job Summary

Job Category DRILLING	Last Casing String INTERMEDIATE CASING, 8,152.0ft, KB	JOB AFE AMOUNT (Cost) 2,380,100.00	Cum Field Est To Date (Cost) 945,080.89
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Daily Ops Summary

RIG UNIT 103	Wellbore Name Original Hole	End Depth (ft, KB) 9,840.0	Progress (ft) 778	Daily Field Est Total (Cost) 71,535.63
Weather CLEAR	Hole Condition Good	Drilling Hours (hr) 18.50	Avg ROP (ft/hr) 42.1	Cum Time Log Days (days) 9.81

Operations at Report Time SLIDE DRILLING BUILDING CURVE
Operations Summary DRILL BUILDING CURVE, SURVEYS AND CONNECTIONS, RIG SERVICE AND TOP DRIVE INSPECTION
Operations Next Report Period CIRCULATE FOR TRIP, TRIP FOR LATERAL ASSEMBLY, C/O DIRECTIONAL TOOLS, TIH, ROTARY AND SLIDE DRILL IN LATERAL

Time Log

Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	12:30	6.50	DIRECTIONAL DRILL	DRL	2		9,062.0	9,284.0	DRILL BUILDING CURVE F/9062' TO 9284', 450 GPM, 30-35K WOB, 15 RPM
12:30	13:30	1.00	SURVEY	SUR	1		9,284.0	9,284.0	CONN & SURVEYS
13:30	14:00	0.50	RIG SERVICE	RIG	1		9,284.0	9,284.0	RIG SERVICE AND TOP DRIVE INSPECTION
14:00	20:30	6.50	DIRECTIONAL DRILL	DRL	2		9,284.0	9,569.0	DRILL BUILDING CURVE F/9284' TO 9569'=285', 450 GPM, 30-45K WOB, 15 RPM
20:30	22:30	2.00	SURVEY	SUR	1		9,569.0	9,569.0	SURVEYS AND CONNECTIONS
22:30	02:00	3.50	DIRECTIONAL DRILL	DRL	2		9,569.0	9,758.0	DRILL BUILDING CURVE F/9569' TO 9758'=189', 450 GPM, 30-45K WOB, 15 RPM
02:00	03:00	1.00	SURVEY	SUR	1		9,758.0	9,758.0	SURVEYS AND CONNECTIONS
03:00	03:30	0.50	RIG SERVICE	RIG	1		9,758.0	9,758.0	RIG SERVICE AND TOP DRIVE INSPECTION
03:30	05:30	2.00	DIRECTIONAL DRILL	DRL	2		9,758.0	9,840.0	DRILL BUILDING CURVE F/9758' TO 9840'=82', 450 GPM, 30-45K WOB, 15 RPM
05:30	06:00	0.50	CIRCULATE/C ONDITION	CIRC	1		9,840.0	9,840.0	CIRCULATE BOTTOMS UP FOR TRIP

Head Count / Man Hours

Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	533.0	-5.6	9/13/2016		54.50		
INTERMEDIATE CASING	9 5/8	8,152.0	25.5	9/19/2016		40.00		
PRODUCTION CASING		19,673.0						



Daily Partner Report

11/24/2016 06:00 - 11/25/2016 06:00

Well Name: UNIVERSITY 7-0213 N 03SC

Report# 14

DFS 13.0

Well Info

API 42-317-40523	Surface Legal Location S13-7 , U L SVY, U19	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 9/13/2016
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	

Job Summary

Job Category DRILLING	Last Casing String INTERMEDIATE CASING, 8,152.0ft, KB	JOB AFE AMOUNT (Cost) 2,380,100.00	Cum Field Est To Date (Cost) 1,146,586.76
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Daily Ops Summary

RIG UNIT 103	Wellbore Name Original Hole	End Depth (ft, KB) 15,212.0	Progress (ft) 2130	Daily Field Est Total (Cost) 61,844.38
Weather PARTLY CLOUDY	Hole Condition Good	Drilling Hours (hr) 19.50	Avg ROP (ft/hr) 109.2	Cum Time Log Days (days) 12.81

Operations at Report Time ROTARY DRILLING IN LATERAL
Operations Summary ROTARY AND SLIDE DRILL IN LATERAL, SURVEYS AND CONNECTIONS, RIG SERVICE AND TOP DRIVE INPECTION,
Operations Next Report Period ROTARY AND SLIDE DRILL IN LATERAL, SURVEYS AND CONNECTIONS, RIG SERVICE AND TOP DRIVE INPECTION, CLEAN UP CYCLE

Time Log

Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	13:30	7.50	DIRECTIONAL DRILL	DRL	2		13,082.0	13,872.0	DIRECTIONAL DRILL IN LATERAL F/13,082 TO 13,872=790', 28-30K WOB, 65 RPM, 550 GPM 5 SLIDE=62'
13:30	14:00	0.50	SURVEY	SUR	1		13,872.0	13,872.0	SURVEYS AND CONNECTIONS
14:00	14:30	0.50	RIG SERVICE	RIG	1		13,872.0	13,872.0	RIG SERVICE AND TOP DRIVE INPECTION
14:30	21:00	6.50	DIRECTIONAL DRILL	DRL	2		13,872.0	14,643.0	DIRECTIONAL DRILL IN LATERAL F/13,827 TO 14,643=771', 28-30K WOB, 65 RPM, 550 GPM 5 SLIDE=74'
21:00	23:00	2.00	SURVEY	SUR	1		14,643.0	14,643.0	SURVEYS AND CONNECTIONS
23:00	01:00	2.00	DIRECTIONAL DRILL	DRL	2		14,643.0	14,823.0	DIRECTIONAL DRILL IN LATERAL F/14,643 TO 14,823=180', 28-30K WOB, 65 RPM, 550 GPM 2 SLIDES = 35'
01:00	01:30	0.50	RIG SERVICE	RIG	1		14,823.0	14,823.0	RIG SERVICE AND TD INPECTION
01:30	05:00	3.50	DIRECTIONAL DRILL	DRL	2		14,823.0	15,212.0	DIRECTIONAL DRILL IN LATERAL F/14,823 TO 15,212=389', 28-30K WOB, 65 RPM, 550 GPM 2 SLIDES=30'
05:00	06:00	1.00	SURVEY	SUR	1		15,212.0	15,212.0	SURVEYS AND CONNECTIONS

Head Count / Man Hours

Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	533.0	-5.6	9/13/2016		54.50		
INTERMEDIATE CASING	9 5/8	8,152.0	25.5	9/19/2016		40.00		
PRODUCTION CASING	5 1/2	19,818.0	7.4			20.00		



Daily Partner Report

11/25/2016 06:00 - 11/26/2016 06:00

Well Name: UNIVERSITY 7-0213 N 03SC

Report# 15

DFS 14.0

Well Info

API 42-317-40523	Surface Legal Location S13-7 , U L SVY, U19	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 9/13/2016
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	

Job Summary

Job Category DRILLING	Last Casing String INTERMEDIATE CASING, 8,152.0ft, KB	JOB AFE AMOUNT (Cost) 2,380,100.00	Cum Field Est To Date (Cost) 1,212,176.98
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Daily Ops Summary

RIG UNIT 103	Wellbore Name Original Hole	End Depth (ft, KB) 17,292.0	Progress (ft) 2080	Daily Field Est Total (Cost) 65,590.22
Weather CLOUDY	Hole Condition Good	Drilling Hours (hr) 18.50	Avg ROP (ft/hr) 112.4	Cum Time Log Days (days) 13.81

Operations at Report Time ROTARY DRILLING IN LATERAL
Operations Summary ROTARY AND SLIDE DRILL IN LATERAL, SURVEYS AND CONNECTIONS, RIG SERVICE AND TOP DRIVE INPECTION, CLEAN UP CYCLE
Operations Next Report Period ROTARY AND SLIDE DRILL IN LATERAL, SURVEYS AND CONNECTIONS, RIG SERVICE AND TOP DRIVE INPECTION, CLEAN UP CYCLE

Time Log

Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	11:00	5.00	DIRECTIONAL DRILL	DRL	2		15,212.0	15,866.0	DIRECTIONAL DRILL IN LATERAL F/15,212 TO 15,866=654', 28-30K WOB, 65 RPM, 550 GPM 2 SLIDES=13'
11:00	11:30	0.50	SURVEY	SUR	1		15,866.0	15,866.0	SURVEYS AND CONNECTIONS
11:30	12:30	1.00	CIRCULATE/C ONDITION	CIRC	1		15,866.0	15,866.0	CIR & PREFORM CLEAN UP CYCLE
12:30	14:30	2.00	DIRECTIONAL DRILL	DRL	2		15,866.0	16,057.0	DIRECTIONAL DRILL IN LATERAL F/15,866 TO 16,057=191', 28-30K WOB, 65 RPM, 550 GPM 1 SLIDES=5'
14:30	15:00	0.50	SURVEY	SUR	1		16,057.0	16,057.0	SURVEYS AND CONNECTIONS
15:00	15:30	0.50	RIG SERVICE	RIG	1		16,057.0	16,057.0	RIG SERVICE AND TD INPECTION
15:30	19:00	3.50	DIRECTIONAL DRILL	DRL	2		16,057.0	16,447.0	DIRECTIONAL DRILL IN LATERAL F/16,057 TO 16,447=390', 28-30K WOB, 65 RPM, 550 GPM 3 SLIDES=45'
19:00	20:00	1.00	SURVEY	SUR	1		16,447.0	16,447.0	SURVEYS AND CONNECTIONS
20:00	00:30	4.50	DIRECTIONAL DRILL	DRL	2		16,447.0	16,921.0	DIRECTIONAL DRILL IN LATERAL F/16,447 TO 16,921=474', 28-30K WOB, 65 RPM, 550 GPM 3 SLIDES=47'
00:30	01:30	1.00	SURVEY	SUR	1		16,921.0	16,921.0	SURVEYS AND CONNECTIONS
01:30	02:00	0.50	RIG SERVICE	RIG	1		16,921.0	16,921.0	RIG SERVICE AND TOP DRIVE INSPECTION
02:00	05:30	3.50	DIRECTIONAL DRILL	DRL	2		16,921.0	17,292.0	DIRECTIONAL DRILL IN LATERAL F/16,921 TO 17,292=371', 28-30K WOB, 65 RPM, 550 GPM 2 SLIDES=26'
05:30	06:00	0.50	SURVEY	SUR	1		17,292.0	17,292.0	SURVEYS AND CONNECTIONS

Head Count / Man Hours

Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	533.0	-5.6	9/13/2016		54.50		
INTERMEDIATE CASING	9 5/8	8,152.0	25.5	9/19/2016		40.00		
PRODUCTION CASING	5 1/2	19,818.0	7.4			20.00		



Daily Partner Report

11/26/2016 06:00 - 11/27/2016 06:00

Well Name: UNIVERSITY 7-0213 N 03SC

Report# 16

DFS 15.0

Well Info

API 42-317-40523	Surface Legal Location S13-7 , U L SVY, U19	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 9/13/2016
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	

Job Summary

Job Category DRILLING	Last Casing String INTERMEDIATE CASING, 8,152.0ft, KB	JOB AFE AMOUNT (Cost) 2,380,100.00	Cum Field Est To Date (Cost) 1,284,449.77
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Daily Ops Summary

RIG UNIT 103	Wellbore Name Original Hole	End Depth (ft, KB) 17,718.0	Progress (ft) 426	Daily Field Est Total (Cost) 72,272.79
Weather CLOUDY	Hole Condition Good	Drilling Hours (hr) 4.50	Avg ROP (ft/hr) 94.7	Cum Time Log Days (days) 14.81

Operations at Report Time

TRIPPING IN HOLE

Operations Summary

ROTARY AND SLIDE DRILL IN LATERAL, SURVEYS AND CONNECTIONS, RIG SERVICE AND TOP DRIVE INSPECTION, CIRCULATE AND TRIP FOR GAMMA FAILURE, CUT AND SLIP DRILL LINE

Operations Next Report Period

FINISH TRIP IN HOLE ROTARY AND SLIDE DRILL IN LATERAL, SURVEYS AND CONNECTIONS, RIG SERVICE AND TOP DRIVE INPECTION, CIRCULATE FOR CASING, TOO H FOR CASING

Time Log

Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	10:30	4.50	DIRECTIONAL DRILL	DRL	2		17,292.0	17,718.0	DIRECTIONAL DRILL IN LATERAL F/17,292 TO 17,718=426', 30-32K WOB, 65 RPM, 550 GPM 4 SLIDES=75'
10:30	12:00	1.50	SURVEY	SUR	1		17,718.0	17,718.0	SURVEYS AND CONNECTIONS
12:00	12:30	0.50	CIRCULATE/C ONDITION	CIRC	1	MWD Failure	17,718.0	17,718.0	CIR& TROUBLE SHOOT MWD GAMMA
12:30	14:00	1.50	CIRCULATE/C ONDITION	CIRC	1	MWD Failure	17,718.0	17,718.0	CIR BTM'S UP, BUILD & PUMP SLUG
14:00	20:30	6.50	TRIP DUE TO FAILURE	TRP	13	MWD Failure	17,718.0	17,718.0	TOH F/GAMMA
20:30	22:00	1.50	PU/LD BHA	TRP	1	MWD Failure	17,718.0	17,718.0	CHANGE OUT DIRECTIONAL TOOLS, SCRIBE, ORIENT AND TEST SAME
22:00	01:30	3.50	TRIP	TRP	2	MWD Failure	17,718.0	17,718.0	TIH, FILLING EVERY +/- 35 STANDS, TEST AGITATOR BEFORE 542 PSI, AFTER 735 AFTER (193 PSI DIFF) , TIH TO 2 STANDS PAST SHOE @ 8371'
01:30	02:30	1.00	CUT DRILL LINE	RIG	6	MWD Failure	17,718.0	17,718.0	CUT AND SLIP DRILL LINE
02:30	03:00	0.50	RIG SERVICE	RIG	1		17,718.0	17,718.0	RIG SERVICE AND TOP DRIVE INSPECTION
03:00	06:00	3.00	TRIP	TRP	2	MWD Failure	17,718.0	17,718.0	CONTINUE TIH

Head Count / Man Hours

Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	533.0	-5.6	9/13/2016		54.50		
INTERMEDIATE CASING	9 5/8	8,152.0	25.5	9/19/2016		40.00		
PRODUCTION CASING	5 1/2	19,818.0	7.4			20.00		



Daily Partner Report

11/27/2016 06:00 - 11/28/2016 06:00

Well Name: UNIVERSITY 7-0213 N 03SC

Report# 17

DFS 16.0

Well Info

API 42-317-40523	Surface Legal Location S13-7 , U L SVY, U19	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 9/13/2016
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	

Job Summary

Job Category DRILLING	Last Casing String INTERMEDIATE CASING, 8,152.0ft, KB	JOB AFE AMOUNT (Cost) 2,380,100.00	Cum Field Est To Date (Cost) 1,340,738.40
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Daily Ops Summary

RIG UNIT 103	Wellbore Name Original Hole	End Depth (ft, KB) 19,284.0	Progress (ft) 1566	Daily Field Est Total (Cost) 56,288.63
Weather CLEAR	Hole Condition Good	Drilling Hours (hr) 16.00	Avg ROP (ft/hr) 97.9	Cum Time Log Days (days) 15.81

Operations at Report Time ROTARY DRILLING
Operations Summary FINISH TIH, RE LOG LAST 46' OF GAMMA, ROTARY AND SLIDE DRILL, SURVEYS AND CONNECTIONS, RIG SERVICE AND TD INSPECTION
Operations Next Report Period ROTARY AND SLIDE DRILL, CIRC AND TOOH FOR CASING, RIG UP AND RUN CASING

Time Log

Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	06:30	0.50	TRIP	TRP	2	MWD Failure	17,718.0	17,718.0	TIH, WASH DOWN LAST STD
06:30	07:00	0.50	ORIENT DIRECTIONAL TOOLS	DRL	3	MWD Failure	17,718.0	17,718.0	RELOG GAMMA F/17672' TO 17718'
07:00	13:00	6.00	DIRECTIONAL DRILL	DRL	2		17,718.0	18,336.0	DIRECTIONAL DRILL IN LATERAL F/17,718 TO 18,336=618', 28-30K WOB, 65 RPM, 550 GPM 5 SLIDES=67'
13:00	14:30	1.50	SURVEY	SUR	1		18,336.0	18,336.0	SURVEYS AND CONNECTIONS
14:30	15:00	0.50	RIG SERVICE	RIG	1		18,336.0	18,336.0	SURVEYS AND CONNECTIONS
15:00	19:00	4.00	DIRECTIONAL DRILL	DRL	2		18,336.0	18,811.0	DIRECTIONAL DRILL IN LATERAL F/18,336 TO 18,811=475', 28-30K WOB, 65 RPM, 500 GPM 3 SLIDES=53'
19:00	21:30	2.50	SURVEY	SUR	1		18,811.0	18,811.0	SURVEYS AND CONNECTIONS
21:30	02:30	5.00	DIRECTIONAL DRILL	DRL	2		18,811.0	19,190.0	DIRECTIONAL DRILL IN LATERAL F/18,811 TO 19,190=379', 28-30K WOB, 65 RPM, 500 GPM 3 SLIDES=60'
02:30	04:00	1.50	SURVEY	SUR	1		19,190.0	19,190.0	SURVEYS AND CONNECTIONS
04:00	04:30	0.50	RIG SERVICE	RIG	1		19,190.0	19,190.0	RIG SERVICE AND TOP DRIVE INSPECTION
04:30	05:30	1.00	DIRECTIONAL DRILL	DRL	2		19,190.0	19,284.0	DIRECTIONAL DRILL IN LATERAL F/19,190 TO 19,210=94', 28-30K WOB, 65 RPM, 500 GPM 1 SLIDES=10'
05:30	06:00	0.50	SURVEY	SUR	1		19,284.0	19,284.0	SURVEYS AND CONNECTIONS

Head Count / Man Hours

Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	533.0	-5.6	9/13/2016		54.50		
INTERMEDIATE CASING	9 5/8	8,152.0	25.5	9/19/2016		40.00		
PRODUCTION CASING	5 1/2	19,846.0	-5.2			20.00		



Daily Partner Report

11/28/2016 06:00 - 11/29/2016 06:00

Well Name: UNIVERSITY 7-0213 N 03SC

Report# 18

DFS 17.0

Well Info

API 42-317-40523	Surface Legal Location S13-7 , U L SVY, U19	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 9/13/2016
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	

Job Summary

Job Category DRILLING	Last Casing String INTERMEDIATE CASING, 8,152.0ft, KB	JOB AFE AMOUNT (Cost) 2,380,100.00	Cum Field Est To Date (Cost) 1,392,040.89
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Daily Ops Summary

RIG UNIT 103	Wellbore Name Original Hole	End Depth (ft, KB) 19,851.0	Progress (ft) 567	Daily Field Est Total (Cost) 51,302.49
Weather PARTLY CLOUDY	Hole Condition Good	Drilling Hours (hr) 5.50	Avg ROP (ft/hr) 103.1	Cum Time Log Days (days) 16.81

Operations at Report Time
RUNNING 5 1/2" PRODUCTION CASING

Operations Summary
ROTARY AND SLIDE DRILL IN LATERAL, SURVEYS AND CONNECTIONS, RIG AND TOP DRIVE SERVICE, CIRC FOR TRIP, TOOH FOR CASING, L/D DIRECTIONAL TOOLS, RIG UP AND RUN CASING

Operations Next Report Period
RUN AND LAND CASING, CEMENT CASING, N/D BOP'S, LIFT STACK, SET SLIPS, CUT CASING, INSTALL NIGHT CAP AND TEST SAME, PREPARE FOR WALK

Time Log

Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	11:00	5.00	DIRECTIONAL DRILL	DRL	2		19,284.0	19,756.0	DIRECTIONAL DRILL IN LATERAL F/19,284 TO 19,756=472', 28-30K WOB, 65 RPM, 500 GPM 3 SLIDES=20'
11:00	13:00	2.00	SURVEY	SUR	1		19,756.0	19,756.0	SURVEYS AND CONNECTIONS
13:00	13:30	0.50	RIG SERVICE	RIG	1		19,756.0	19,756.0	RIG SERVICE AND TOP DRIVE INSPECTION
13:30	14:00	0.50	DIRECTIONAL DRILL	DRL	2		19,756.0	19,851.0	DIRECTIONAL DRILL IN LATERAL F/19,756 TO 19,851=95', 28-30K WOB, 65 RPM, 500 GPM
14:00	17:00	3.00	CIRCULATE/C ONDITION	CIRC	1		19,851.0	19,851.0	PUMP SWEEPS & CIR 2 BTM'S UP
17:00	23:30	6.50	TRIP	TRP	2		19,851.0	19,851.0	TOH F/CASING, L/D AGITATOR, PULL ROTATING HEAD ASSEMBLY
23:30	00:30	1.00	PU/LD BHA	TRP	1		19,851.0	19,851.0	L/D DIRECTIONAL TOOLS, CLEAN AND CLEAR RIG FLOOR
00:30	02:00	1.50	RIG UP/DOWN CSG CREW	CSG	1		19,851.0	19,851.0	PJSM, RIG UP CASING AND TORQUE TURN EQUIPMENT
02:00	06:00	4.00	RUN CASING	CSG	2		19,851.0	19,851.0	MAKE UP SHOE TRACK, FILL AND TEST FLOATS, INSTALL ROTATING HEAD AND RUN 5 1/2" PRODUCTION CASING

Head Count / Man Hours

Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	533.0	-5.6	9/13/2016		54.50		
INTERMEDIATE CASING	9 5/8	8,152.0	25.5	9/19/2016		40.00		
PRODUCTION CASING	5 1/2	19,846.0	-5.2			20.00		



Daily Partner Report

11/29/2016 06:00 - 11/30/2016 06:00

Well Name: UNIVERSITY 7-0213 N 03SC

Report# 19

DFS 18.0

Well Info				
API 42-317-40523	Surface Legal Location S13-7 , U L SVY, U19	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 9/13/2016
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	
Job Summary				
Job Category DRILLING	Last Casing String PRODUCTION CASING, 19,805.0ft, KB	JOB AFE AMOUNT (Cost) 2,380,100.00	Cum Field Est To Date (Cost) 1,842,791.62	
Daily Ops Summary				
RIG UNIT 103	Wellbore Name Original Hole	End Depth (ft, KB) 19,851.0	Progress (ft) 0	Daily Field Est Total (Cost) 450,750.73
Weather CLEAR	Hole Condition Good	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum Time Log Days (days) 17.81
Operations at Report Time RELEASE RIG FOR WALK				
Operations Summary RUN AND LAND CASING, CIRCULATE AND CEMENT PROD CASING, N/D AND PICK STACK, SET SLIPS, CUT CASING, INSTALL NIGHT CAP AND TEST				
Operations Next Report Period RELEASE RIG				

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	18:30	12.50	RUN CASING	CSG	2		19,851.0	19,851.0	S/M & RUN CASING, BREAK CIR @ 4500, SHOE, 12400', 16400' RUN IN TO19810.
18:30	19:30	1.00	RUN CASING	CSG	2		19,851.0	19,851.0	P/U LAST JT, ATTEMPT TO WASH DOWN, TAG 40' EARLY, CIRCULATE TROUBLE SHOOT TALLYS
19:30	21:30	2.00	CIRCULATE/C ONDITION	CIRC	1		19,851.0	19,851.0	CIRCULATE BOTTOM UP, RIG DOWN CASERS,
21:30	22:00	0.50	RIG UP/DOWN CEMENTERS	CMT	1		19,851.0	19,851.0	S/M AND RIG UP CEMENTERS
22:00	03:30	5.50	CEMENTING	CMT	2		19,851.0	19,851.0	CEMENT PRODUCTION CASING PER SCHEDULE,
03:30	04:00	0.50	RIG UP/DOWN CEMENTERS	CMT	1		19,851.0	19,851.0	RIG DOWN CEMENTERS, FLUSH ALL SURFACE LINES
04:00	05:00	1.00	NU/ND BOP	BOP	1		19,851.0	19,851.0	NIPPLE DOWN BOP'S AND PICK STACK
05:00	06:00	1.00	SET SLIPS	CSG	7		19,851.0	19,851.0	SET SLIPS WITH 170K, CUT AND DRESS CASING, INSTALL NIGHT CAP AND TEST TO 5K,RELEASE RIG

Head Count / Man Hours					
Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	533.0	-5.6	9/13/2016		54.50		
INTERMEDIATE CASING	9 5/8	8,152.0	25.5	9/19/2016		40.00		
PRODUCTION CASING	5 1/2	19,805.0	-5.6	11/29/2016		20.00		