



Partner Completion and Workover

Report # 24.0, Report Date: 10/25/2017

Well Name: UNIVERSITY 3-35 #104HB

API/UWI No. 42461405810000	Surface Legal Location A-U47; SEC. 11; BLK 4; UL SURVEY	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 824982	State/Province TEXAS	County UPTON	Well Config Horizontal
Original KB Elevation (ft) 2,731.60	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 7/19/2017 23:00	Large Rig Spud Date	Rig Release Date 8/7/2017 16:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
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Objective
COMPLETE WITH 53 STAGES

Contractor EAGLE WELL SERVICE	Rig Number
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AFE Number DD.17.30781.CAP.CMP	Total AFE + Supp Amount (Cost) 5,445,000.00	Daily Field Est Total (Cost) 61,460	Cum Field Est To Date (Cost) 4,601,442
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Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
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Short Report
WHP 1,700 PSI, Tagged plug #10 @ 17,322'. Milled plug #10 at 17,322' through plug #6 at 18,082'. Tagged plug #5 at 18,272'. Circulated bottoms up with a 20 bbl high viscosity gel sweep. WHP 1675 PSI, Tagged plug #5 @ 18,272'. Milled plug #5 at 17,272' through plug #1 at 19,043'. Run in the hole and tag sleeve at 19,073'. Circulate two full bottoms up at sleeve with a 20 bbl high viscosity gel sweep on each one and continue pulling out of hole. Stopped pulling out of the hole at 14,500' and circulated a full bottoms up with a 20 bbl high viscosity gel sweep and continued pulling out of the hole. Still pulling out of the hole at time of report.

Viscosity 35
Weight 8.2
Temp 69
Ph 6.8

Current Status/OART POOH WITH 2-7/8 WORKSTRING	24 Hour Forecast CONT POOH LAYING DOWN 2-7/8" WORKSTRING AND RUN PROD TBG
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Daily Contacts

Job Contact DANIEL MOSHER, Consultant	Title Consultant	Phone Mobile
Job Contact MARTY HAM, Foreman	Title Foreman	Phone Mobile
Job Contact JON WILLIAMSON, Consultant	Title Consultant	Phone Mobile

Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
1	Operator	HUNT OIL COMPANY	MARTY HAM		
4	Service	PREMIER FLOW CONTROL	FLOWBACK		
1	Contractor	SIERRA ENGINEERING	JON WILLIAMSON		
1	Contractor	MOTIVATED CONSULTING, INC	D.MOSHER		
10	Service	EAGLE WELL SERVICES	WORKOVER RIG		
2	Service	REDBONE FISHING SERVICES	BIT/MOTOR		
4	Service		TOTAL MIXING PLANT		
2	Service	KLX ENERGY SERVICES	PUMPS		

Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	10:00	4.00	40DOUT, Drillout Ops	WS	d	O	DRILLED THRU PLUGS. WASHING SMALL AMOUNTS OF SAND BETWEEN PLUGS. PUMPING 5 BBL HIGH VISCOSITY GEL SWEEP AFTER EACH PLUG. Plug #10 - 9 min (17,322') Plug #09 - 8 min (17,512') Plug #08 - 8 min (17,702') Plug #07 - 9 min (17,892') Plug #06 - 8 min (18,082') RIH TAGGED PLUG #5 @ 18,8,272'. CIRCULATED 20 BBL HI VIS GEL SWEEP AND BOTTOMS UP TO CLEAR PLUG DEBRIS AND SAND FROM WELLBORE.



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Original KB Elevation (ft) 2,731.60	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 7/19/2017 23:00	Large Rig Spud Date	Rig Release Date 8/7/2017 16:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Time Log							Operation Summary
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	
10:00	15:00	5.00	40DOUT, Drillout Ops	WS	d	O	DRILLED THRU PLUGS. WASHING SMALL AMOUNTS OF SAND BETWEEN PLUGS. PUMPING 5 BBL HIGH VISCOSITY GEL SWEEP AFTER EACH PLUG. Plug #05 - 13 min (18,272') Plug #04 - 10 min (18,462') Plug #03 - 17 min (18,652') Plug #02 - 13 min (18,842') Plug #01 - 10 min (19,043') RIH TAGGED SLEEVE @ 19,073'.
15:00	18:00	3.00	40DOUT, Drillout Ops	CI	a	O	PUMPED A 10/10/10 , 30 BBL FW SPACER AND 20 BBLS HIGH VIS SWEEP. CIRCULATED 2 FULL BOTTOMS UP AT THE SLEEVE (19,073') PUMPING 4 BPM @ 4,000 PSI. RETURNING 4 BPM WITH A WHP OF 1,650 PSI.
18:00	00:30	6.50	40DOUT, Drillout Ops	WS	b	O	POOH & LD 5 JTS WITH SWIVEL. RD POWER SWIVEL. CONTINUE TO POOH & LD 2-7/8" PH-6 WORKSTRING.
00:30	02:00	1.50	40DOUT, Drillout Ops	CI	a	O	PUMPED A 10/10/10 , 10 BBL FW SPACER AND 20 BBLS HIGH VIS SWEEP. CIRCULATED 1 FULL BOTTOMS UP AT (14,500'). PUMPING 4 BPM @ 4,000 PSI. RETURNING 4 BPM WITH A WHP OF 1,700 PSI. SWAPPED OUT POWER SWIVELS BEFORE WE STARTED CIRCULATING.
02:00	06:00	4.00	40DOUT, Drillout Ops	WS	b	O	CONTINUE POOH & LD 2-7/8" PH-6 WORKSTRING. STILL POOH WITH 2-7/8 PH-6 WORKSTRING AT TIME OF REPORT. 285 JTS OUT OF THE HOLE.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com
06:00		Tail Gate	SNUBBING SAFETY

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
14:30	8,981.0	9,130.0		
11:00	9,171.0	9,325.0		
06:30	9,365.0	9,515.0		
00:30	9,551.0	9,700.0		
17:30	9,741.0	9,895.0		
10:15	9,931.0	10,087.0		
02:00	10,121.0	10,275.0		
19:30	10,315.0	10,465.0		
14:45	10,501.0	10,655.0		
06:15	10,691.0	10,845.0		
01:00	10,881.0	11,038.0		
18:45	11,069.0	11,225.0		
12:00	11,263.0	11,415.0		
06:30	11,451.0	11,605.0		
23:15	11,641.0	11,795.0		
16:00	11,831.0	11,981.0		
09:00	12,021.0	12,175.0		
04:15	12,216.0	12,365.0		
22:15	12,401.0	12,557.0		
16:00	12,588.0	12,745.0		
10:30	12,781.0	12,935.0		
05:15	12,971.0	13,117.0		



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Perforations					
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone	
22:30	13,161.0	13,315.0			
16:00	13,352.0	13,500.0			
10:30	13,541.0	13,692.0			
23:00	13,731.0	13,885.0			
16:00	13,921.0	14,072.0			
10:00	14,111.0	14,265.0			
05:00	14,301.0	14,450.0			
22:15	14,495.0	14,645.0			
14:00	14,681.0	14,830.0			
09:00	14,871.0	15,025.0			
02:00	15,061.0	15,215.0			
20:30	15,257.0	15,405.0			
13:00	15,441.0	15,595.0			
04:45	15,630.0	15,785.0			
22:45	15,821.0	15,975.0			
17:30	16,011.0	16,165.0			
10:15	16,203.0	16,355.0			
03:30	16,398.0	16,545.0			
19:00	16,581.0	16,735.0			
12:00	16,771.0	16,925.0			
06:00	16,961.0	17,112.0			
01:15	17,151.0	17,305.0			
10:30	17,346.0	17,495.0			
03:00	17,531.0	17,682.0			
21:15	17,721.0	17,875.0			
15:30	17,911.0	18,065.0			
10:15	18,101.0	18,255.0			
02:30	18,289.0	18,445.0			
16:00	18,481.0	18,635.0			
09:00	18,671.0	18,825.0			
00:30	18,861.0	19,015.0			

Stimulations Summary		
Type	Subtype	Stim/Treat Company

Stimulation Intervals			
Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run					
Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled					
Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)				
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)				
Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement				
Start Time	Des	Type	String	Cement Comp
05:00	Primary Single Stage	Casing	Surface Casing, 1,461.0ftKB	DOWELL SCHLUMBERGER
08:05	Top Out	Casing	Surface Casing, 1,461.0ftKB	DOWELL SCHLUMBERGER
06:30	Primary Single Stage	Casing	Intermediate Casing, 5,058.0ftKB	DOWELL SCHLUMBERGER
19:02	Primary Single Stage	Casing	Production Casing, 19,219.0ftKB	DOWELL SCHLUMBERGER



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Job Supplies

Supply Item Description FUEL	Unit Label	Total Received 124,917.0	Total Consumed 124,917.0	Inventory On Location 0.0
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Partner Completion and Workover

Report # 25.0, Report Date: 10/26/2017

Well Name: UNIVERSITY 3-35 #104HB

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Primary Job Type 08-Completion	Secondary Job Type Original Completion
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Objective
COMPLETE WITH 53 STAGES

Contractor EAGLE WELL SERVICE	Rig Number
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AFE Number DD.17.30781.CAP.CMP	Total AFE + Supp Amount (Cost) 5,445,000.00	Daily Field Est Total (Cost) 49,706	Cum Field Est To Date (Cost) 4,651,148
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Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
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Short Report
Continue to pull out of hole and laydown PH-6 workstring. Circulate wellbore clean at curve with two 20 bbl high viscosity gel sweeps. Continue to pull out of hole with bottom hole assembly and PH-6 workstring, leaving 120 joints in hole. Move in and rig up QES snubbing unit. Snub remaining 120 joints and bottom hole assembly out of hole.
Started snubbing in the hole with the 2-3/8" production tubing spacing out gas lift valves as we are going in. Still snubbing in the hole at time of report.

Current Status/OART RIH W/ PROD TBG	24 Hour Forecast FINISH RIH WITH 2-3/8" PROD TBG. LAND TREE & TEST. TURN WELL OVER TO PROD.
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Daily Contacts

Job Contact SHANE GILMORE, Consultant	Title Consultant	Phone Mobile
Job Contact DAVID FRANCIS, Foreman	Title Foreman	Phone Mobile
Job Contact JON WILLIAMSON, Consultant	Title Consultant	Phone Mobile

Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
1	Operator	HUNT OIL COMPANY	DAVID FRANCIS		
4	Service	PREMIER FLOW CONTROL	FLOWBACK		
1	Contractor	SIERRA ENGINEERING	JON WILLIAMSON		
1	Contractor	BEDROCK CONSULTING	SHANE GILMORE		
10	Service	EAGLE WELL SERVICES	WORKOVER RIG		
2	Service	REDBONE FISHING SERVICES	BIT/MOTOR		
4	Service		TOTAL MIXING PLANT		
2	Service	KLX ENERGY SERVICES	PUMPS		
3	Service	GREAT WHITE PRESSURE CONTROL	QES SNUBBING		
2	Service	ALTEC, INC	GLV		
3	Service	MEYER ENERGY SERVICES	SUPER SUCKER		
1	Service	CAMERON	TREE / HANGER		
1	Service	KNIGHT OIL TOOLS	BOP / SERVICE		

Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	06:30	0.50	40DOUT, Drillout Ops	WS	b		CONTINUE TO POOH W/ PH-6 WORKSTRING
06:30	08:30	2.00	40DOUT, Drillout Ops	CI	a	O	STOPPED AT 90 DEGREES (10,250' +/-). CIRCULATE WELL CLEAN W/ FULL BOTTOMS UP WITH 20 BBL HIGH VISCOSITY GEL SWEEP. PUMPING 4 BPM @ 4,000 PSI RETURNING 4 BPM WITH 1,750 PSI WHP. SICP 2,000 PSI.
08:30	19:00	10.50	40DOUT, Drillout Ops	WS	b	O	POOH & LD PH-6 WORKSTRING. LEAVE 120 JTS IN HOLE. MIRU QES SNUBBING UNIT. SNUB OOH W/ REMAINING PH-6 WORKSTRING & BHA.



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Time Log							Operation Summary
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	
19:00	22:30	3.50	40DOUT, Drillout Ops	DT	e	O	FINISHED REMOVING ALL OF THE 2-7/8" PH-6 WORKSTRING FROM THE PIPE RACKS AT THE RIG AND TRANSFERRED THEM TO THE STAGING RACKS. MOVED THE 2-3/8" PROD TBG TO THE RIG RACKS AND TALLIED PIPE. CHANGED OUT 2-7/8" RAMS FOR 2-3/8" FOR THE PROD TBG. WHILE IN THE PROCESS OF DOING THIS THE SNUBBING CREW DROPPED A DIE INTO THE STACK WHICH LANDED ON THE BLINDS. AFTER SEVERAL ATTEMPTS TO REMOVE IT WITH A MAGNET WE HAD TO LIFT THE STACK AND REMOVE IT BY HAND. WHILE WE WERE IN THE PROCESS OF DOING THIS THE PUSHER INFORMED ME THAT THEY DID NOT HAVE A 2-3/8" DRIFT ON THE RIG SO THE PUSHER HAD TO GO TO THE YARD AND GET ANOTHER ONE. GOT THE STACK TIGHTENED BACK UP AND THE FIRST ROW OF PIPE TALLIED AND DRIFTED. READY TO START IN THE HOLE.
22:30	06:00	7.50	40DOUT, Drillout Ops	WS	a	O	STARTED SNUBBING IN THE HOLE WITH THE 2-3/8" PRODUCTION TUBING SPACING OUT ALTEC GAS LIFT VALVES AS WE ARE GOING IN. STILL SNUBBING IN THE HOLE AT TIME OF REPORT.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
14:30	8,981.0	9,130.0		
11:00	9,171.0	9,325.0		
06:30	9,365.0	9,515.0		
00:30	9,551.0	9,700.0		
17:30	9,741.0	9,895.0		
10:15	9,931.0	10,087.0		
02:00	10,121.0	10,275.0		
19:30	10,315.0	10,465.0		
14:45	10,501.0	10,655.0		
06:15	10,691.0	10,845.0		
01:00	10,881.0	11,038.0		
18:45	11,069.0	11,225.0		
12:00	11,263.0	11,415.0		
06:30	11,451.0	11,605.0		
23:15	11,641.0	11,795.0		
16:00	11,831.0	11,981.0		
09:00	12,021.0	12,175.0		
04:15	12,216.0	12,365.0		
22:15	12,401.0	12,557.0		
16:00	12,588.0	12,745.0		
10:30	12,781.0	12,935.0		
05:15	12,971.0	13,117.0		
22:30	13,161.0	13,315.0		
16:00	13,352.0	13,500.0		
10:30	13,541.0	13,692.0		
23:00	13,731.0	13,885.0		
16:00	13,921.0	14,072.0		
10:00	14,111.0	14,265.0		
05:00	14,301.0	14,450.0		
22:15	14,495.0	14,645.0		
14:00	14,681.0	14,830.0		
09:00	14,871.0	15,025.0		
02:00	15,061.0	15,215.0		



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Perforations

Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
20:30	15,257.0	15,405.0		
13:00	15,441.0	15,595.0		
04:45	15,630.0	15,785.0		
22:45	15,821.0	15,975.0		
17:30	16,011.0	16,165.0		
10:15	16,203.0	16,355.0		
03:30	16,398.0	16,545.0		
19:00	16,581.0	16,735.0		
12:00	16,771.0	16,925.0		
06:00	16,961.0	17,112.0		
01:15	17,151.0	17,305.0		
10:30	17,346.0	17,495.0		
03:00	17,531.0	17,682.0		
21:15	17,721.0	17,875.0		
15:30	17,911.0	18,065.0		
10:15	18,101.0	18,255.0		
02:30	18,289.0	18,445.0		
16:00	18,481.0	18,635.0		
09:00	18,671.0	18,825.0		
00:30	18,861.0	19,015.0		

Stimulations Summary

Type	Subtype	Stim/Treat Company
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Stimulation Intervals

Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run

Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled

Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp
05:00	Primary Single Stage	Casing	Surface Casing, 1,461.0ftKB	DOWELL SCHLUMBERGER
08:05	Top Out	Casing	Surface Casing, 1,461.0ftKB	DOWELL SCHLUMBERGER
06:30	Primary Single Stage	Casing	Intermediate Casing, 5,058.0ftKB	DOWELL SCHLUMBERGER
19:02	Primary Single Stage	Casing	Production Casing, 19,219.0ftKB	DOWELL SCHLUMBERGER

Job Supplies

Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		124,917.0	124,917.0	0.0