

EP WELLS DAILY OPERATIONS REPORT

Report 29

12/13/2017

Company	PERMIAN
Well Type	Development
Well	UNIVERSITY 19 D 0904H
Wellbore	UNIVERSITY 19 D 0904H
WBS No/API No	30266560 / 4230133226.00

Event Summary

Event Type	Completion only	Event Start Date	10/31/2017	Days on Location	29.00
Objective	Install Completion	Original Spud Date	06/19/2017		
Est. Days	65.00	Contractor	PERMIAN WELL SVC		
Work Unit	PERMIAN COMPLETIONS	Days To Release			
		Rig Phone/FAX No.			

Well Status

Supervisor	Wes Garver	Measured Depth(ft)	
Engineer	Bobby Ramos	TVD(ft)	
Other Supervisor	David Stein	24 Hr Progress(ft)	
Depth Ref/Grd Elev/Water Depth(ft)	DFE: 2,799.10 / 2,771.10	Hole size(in)	
THF Datum			
Daily NPT(hr/%)	0/0	Last Casing MD	
Days Ahd(-) Bhnd(+)(50/50)		Next Casing MD	
Actual cost to date/AFE	3,127,636/3,746,244.00	Current MW / BH EMW(ppg)	/
Actual divided by AFE	0.83	LOT/FIT EMW(ppg)	
Daily Cost	27,161	Lithology	
		Formation/MD Top	

HSE Summary

Last Incident	Date	Days	Last Incident	Date	Days	KPI's	
LWC RWC MTC FAC Last casing pressure test			PSI NII HPI GOAL ZERO DAYS PS BARRIER EVENT PS barrier bowtie review			TRCF LWCF Safety Cards - Safe Safety Card - Unsafe SSE% Last casing pressure(psi)	
Safety Comments:							

HSE Drills

Drills/Tests	Date	Days Since Last		
Last Derrick Inspection Last BOP function test Last BOP Test Next BOP Test			JSA's/Toolbox Talks Days Since Last Drill	28

Operations Summary

24 Hour Summary
Continue drilling plugs. Start at plug 14. PBTS and move to the 1404H well.
**** Note: the LMV is not holding pressure and will need to be repaired ****
Update Since Report Time
Finished milling out plugs
24 Hour Forecast
Move to CT PCE to next well, cap well. No other CT ops.

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12/13/2017

Well UNIVERSITY 19 D 0904H
Wellbore UNIVERSITY 19 D 0904H

Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
0:00	0.40	COIL	MIL			0		Continue RIH to the next plug.
0:24	0.50	COIL	MIL			0		Tag Plug 14 of 36 CT Depth: 14,369' Pump Pressure: 6900 psi WHP: 3700 psi Mill Time: 6 min Stalls: None Pump Rate: 3.5 bpm Return Rate: 3.6 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.25 gal/10 bbl
0:54	0.42	COIL	MIL			0		Tag Plug 15 of 36 CT Depth: 14,548' Pump Pressure: 6900 psi WHP: 3700 psi Mill Time: 5 min Stalls: None Pump Rate: 3.5 bpm Return Rate: 3.5 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.25 gal/10 bbl
1:19	0.50	COIL	MIL			0		Tag Plug 16 of 36 CT Depth: 14,705' Pump Pressure: 6900 psi WHP: 3700 psi Mill Time: 4 min Stalls: None Pump Rate: 3.5 bpm Return Rate: 3.5 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.25 gal/10 bbl
1:49	0.48	COIL	MIL			0		Tag Plug 17 of 36 CT Depth: 14,908' Pump Pressure: 6900 psi WHP: 3700 psi Mill Time: 7 min Stalls: None Pump Rate: 3.5 bpm Return Rate: 3.4 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.25 gal/10 bbl
2:18	0.52	COIL	MIL			0		Tag Plug 18 of 36 CT Depth: 15,095' Pump Pressure: 6700 psi WHP: 3700 psi Mill Time: 4 min Stalls: None Pump Rate: 3.5 bpm Return Rate: 3.5 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.25 gal/10 bbl
2:49	0.47	COIL	MIL			0		Tag Plug 19 of 36 CT Depth: 15,269' Pump Pressure: 6700 psi WHP: 3700 psi Mill Time: 7 min Stalls: None Pump Rate: 3.5 bpm Return Rate: 3.4 bpm

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Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
								Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.25 gal/10 bbl
3:17	0.35	COIL	MIL			0		Tag Plug 20 of 36 CT Depth: 15,452' Pump Pressure: 6700 psi WHP: 3700 psi Mill Time: 3 min Stalls: None Pump Rate: 3.5 bpm Return Rate: 3.4 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.25 gal/10 bbl Pump 10-bbl gel sweep. ETA is 5:33 for sweep to be at surface.
3:38	0.23	COIL	MIL			0		Tag Plug 21 of 36 CT Depth: 15,633' Pump Pressure: 6800 psi WHP: 3600 psi Mill Time: 4 min Stalls: None Pump Rate: 3.5 bpm Return Rate: 3.4 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.25 gal/10 bbl
3:52	0.38	COIL	MIL			0		Tag Plug 22 of 36 CT Depth: 15,796' Pump Pressure: 6800 psi WHP: 3500 psi Mill Time: 4 min Stalls: None Pump Rate: 3.5 bpm Return Rate: 3.4 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.25 gal/10 bbl
4:15	0.35	COIL	MIL			0		Tag Plug 23 of 36 CT Depth: 15,991' Pump Pressure: 6700 psi WHP: 3600 psi Mill Time: 4 min Stalls: None Pump Rate: 3.5 bpm Return Rate: 3.4 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.25 gal/10 bbl
4:36	0.45	COIL	MIL			0		Tag Plug 24 of 36 CT Depth: 16,173' Pump Pressure: 6700 psi WHP: 3600 psi Mill Time: 6 min Stalls: None Pump Rate: 3.5 bpm Return Rate: 3.4 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.25 gal/10 bbl
5:03	0.33	COIL	MIL			0		Tag Plug 25 of 36 CT Depth: 16,353' Pump Pressure: 6700 psi WHP: 3500 psi Mill Time: 4 min Stalls: None Pump Rate: 3.5 bpm Return Rate: 3.5 bpm

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Wellbore UNIVERSITY 19 D 0904H

Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
								Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.25 gal/10 bbl
5:23	0.12	COIL	MIL			0		Tag Plug 26 of 36 CT Depth: 16,530' Pump Pressure: 6700 psi WHP: 3400 psi Mill Time: 4 min Stalls: None Pump Rate: 3.5 bpm Return Rate: 3.5 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.25 gal/10 bbl
5:30	0.43	COIL	MIL			0		Safety meeting with day crew.
5:56	0.68	COIL	MIL			0		Tag Plug 27 of 36 CT Depth: 16,711' Pump Pressure: 6700 psi WHP: 3400 psi Mill Time: 4 min Stalls: None Pump Rate: 3.5 bpm Return Rate: 3.5 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.25 gal/10 bbl
6:37	1.07	COIL	MIL			0		Tag Plug 28 of 36 CT Depth: 16,897' Pump Pressure: 6700 psi WHP: 3400 psi Mill Time: 9 min Stalls: None Pump Rate: 3.5 bpm Return Rate: 3.5 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.25 gal/10 bbl
7:41	0.82	COIL	MIL			0		Tag Plug 29 of 36 CT Depth: 17,099' Pump Pressure: 6700 psi WHP: 3400 psi Mill Time: 6 min Stalls: None Pump Rate: 3.5 bpm Return Rate: 3.5 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.25 gal/10 bbl
8:30	0.60	COIL	MIL			0		Tag Plug 30 of 36 CT Depth: 17,260' Pump Pressure: 6700 psi WHP: 3400 psi Mill Time: MIA Stalls: None Pump Rate: 3.25 bpm Return Rate: 3.25 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.30 gal/10 bbl
9:06	0.65	COIL	MIL			0		Tag Plug 31 of 36 CT Depth: 17,392' Pump Pressure: 6700 psi WHP: 3400 psi Mill Time: MIA Stalls: None Pump Rate: 3.25 bpm Return Rate: 3.25 bpm

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Wellbore UNIVERSITY 19 D 0904H

Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
								Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.30 gal/10 bbl Send 10bbl sweep.
9:45	0.43	COIL	MIL			0		Tag Plug 32 of 36 CT Depth: 17,571' Pump Pressure: 6750 psi WHP: 3650 psi Mill Time: MIA Stalls: None Pump Rate: 3.25 bpm Return Rate: 3.25 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.30 gal/10 bbl
10:11	0.55	COIL	MIL			0		Tag Plug 33 of 36 CT Depth: 17,751' Pump Pressure: 6750 psi WHP: 3650 psi Mill Time: MIA Stalls: None Pump Rate: 3.25 bpm Return Rate: 3.25 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.30 gal/10 bbl
10:44	0.62	COIL	MIL			0		Tag Plug 34 of 36 CT Depth: 17,928' Pump Pressure: 6700 psi WHP: 3650 psi Mill Time: MIA Stalls: None Pump Rate: 3.25 bpm Return Rate: 3.25 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.30 gal/10 bbl
11:21	0.50	COIL	MIL			0		Tag Plug 35 of 36 CT Depth: 18,112' Pump Pressure: 6700 psi WHP: 3650 psi Mill Time: MIA Stalls: None Pump Rate: 3.25 bpm Return Rate: 3.25 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.30 gal/10 bbl
11:51	0.40	COIL	MIL			0		Tag Plug 36 of 36 CT Depth: 18,283' Pump Pressure: 6700 psi WHP: 3650 psi Mill Time: MIA Stalls: None Pump Rate: 3.25 bpm Return Rate: 3.25 bpm Chemicals: FR at 0.25 gal/10 bbl, I-Lub at 0.30 gal/10 bbl
12:15	0.45	COIL	MIL			0		Stop RIH at 18,300' pump 10-10-10 gel sweep. Wait for sweep to exit coil tbg before POOH.
12:42	4.80	COIL	MIL			0		Start POOH at 35 ft/min. Send another sweep at curve before vertical.
17:30	0.50	COIL	MIL			0		Crew change safety meeting.
18:00	0.58	COIL	MIL			0		Continue to POOH.

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12/13/2017

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Wellbore UNIVERSITY 19 D 0904H

Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
18:35	1.42	COIL	MIL			0		CT at surface. Close the LMV (31 turns) and bleed off pressure. Close UMV (15 turns, requires 17 turns to closed). UMV is difficult to re-open. Hear fluid movement across the LMV. Close in choke manifold. Pressure is building up. Re-open the LMV (31 turns). RIH 40-ft with CT and circulated fluid to flush tree. PBTS. Closed LMV (31 turns). Bleed off pressure, but pressure would not bleed down. Close the UMV (17 turn) and then bleed off pressure to 0-psi. Close the Crown valve (28 turns). Break off BOPs and move to the 1404H well. Operations complete.
Total	20.00							

EP WELLS DAILY OPERATIONS REPORT

Report 31

12/21/2017

Company	PERMIAN
Well Type	Development
Well	UNIVERSITY 19 D 0904H
Wellbore	UNIVERSITY 19 D 0904H
WBS No/API No	30266560 / 4230133226.00

Event Summary

Event Type	Completion only	Event Start Date	10/31/2017	Days on Location	31.00
Objective	Install Completion	Original Spud Date	06/19/2017		
Est. Days	65.00	Contractor	PERMIAN WELL SVC		
Work Unit	PERMIAN COMPLETIONS	Days To Release			
		Rig Phone/FAX No.			

Well Status

Supervisor	Morgan Davis	Measured Depth(ft)	
Engineer	Bobby Ramos	TVD(ft)	
Other Supervisor	Casey Gregersen	24 Hr Progress(ft)	
Depth Ref/Grd Elev/Water Depth(ft)	DFE: 2,799.10 / 2,771.10	Hole size(in)	
THF Datum			
Daily NPT(hr/%)	0/0	Last Casing MD	
Days Ahd(-) Bhnd(+)(50/50)		Next Casing MD	
Actual cost to date/AFE	3,275,456/3,746,244.00	Current MW / BH EMW(ppg)	/
Actual divided by AFE	0.87	LOT/FIT EMW(ppg)	
Daily Cost	29,906	Lithology	
		Formation/MD Top	

HSE Summary

Last Incident	Date	Days	Last Incident	Date	Days	KPI's	
LWC RWC MTC FAC Last casing pressure test			PSI NII HPI GOAL ZERO DAYS PS BARRIER EVENT PS barrier bowtie review			TRCF LWCF Safety Cards - Safe Safety Card - Unsafe SSE% Last casing pressure(psi)	
Safety Comments:							
Personnel: 25							
Man Hours: 311 hours							
Driving Hours: 35.5 hours							

HSE Drills

Drills/Tests	Date	Days Since Last		
Last Derrick Inspection Last BOP function test Last BOP Test Next BOP Test			JSA's/Toolbox Talks Days Since Last Drill	30

Operations Summary

24 Hour Summary
Run 6.00" guage ring.
Update Since Report Time
Set 7" packer.
24 Hour Forecast
Move to 1404H well.

EP WELLS DAILY OPERATIONS REPORT

Report 31

12/21/2017

Well UNIVERSITY 19 D 0904H
Wellbore UNIVERSITY 19 D 0904H

Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
16:30	1.17	WINF	RGU			0		RE HEAD WIRE LINE AND NIPPLE UP BOP'S
17:40	0.33	WINF	RGU			0		STAB LUBRICATOR. Pick up BHA for gauge ring run. Pause review 12 question for safe lift and safe work strategy.
18:00	0.58	WINF	DRF			0		Pressure test BOPs. 5 min 500 psi low test, 10 min 8000 psi high test. Both good tests.
18:35	2.42	WINF	DRF			0		Equalize and open well with 3900psi. RIH hole with 6.00" gauge ring. Corrected -16' '. LT at 10,990'. 20:30 POOH.
21:00	1.25	WINF	DRF			0		Shut in well with 3900 psi. Lay down gauge ring and junk basket. Prep to pick up packer BHA. Pick up packer BHA and lubricator.
22:15	0.33	WINF	SPB			0		Fill lubricator and test BOPs to 5000 psi. Good test.
22:35	1.40	WINF	SPB			0		Open well at 4000 psi and run in hole to LT.
Total	7.48							

06.00 Update

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Description
0:00	0.92	WINF	SPB			0	Set packer. Center of element at 10,945'. Tension at 2326lbs and dropped to 1600 lbs (47 secs). Packer set sucessfully as follows: Description OD ID Length Depth "TOP OF ON-OFF TOOL GUDGEON 2.313 X PROFILE IN ON/OFF GUDGEON" 3.1 2.313 1.69 10,940.66 TOP OF PACKER (2.65' FT. FROM TOP OF PACKER TO CENTER ELEMENT) Equipment #: 101478074 6 2.313 7.15 10,942.35 2 7/8" 6.5# EUE 8RD PUP JOINT 10' 2.875 2.441 10.07 10,949.50 "HES LANDING NIPPLE PN:100007448 3.260 2.205 PROFILE 2.313 ""X"" WITH 2.205"" ""NO-GO"" XN NIPPLE 9,200 PSI SN#: 3926342-10" 3.21 2.205 1.4 10,959.57 2 7/8" 6.5# EUE 8RD PUP JOINT 10' 2.875 2.441 10.08 10,960.97 "2 7/8"" BOX x MS 15K MAGNUM DUAL BURST DISK SUB 4.250 2.500 PN: 01.IXDA.278.8EBP BATCH #: 211726.10 WITH ENTRY GUIDE/---39 PINS, ACTUAL SHEAR-7,120 PSI" 4.25 2.5 1.91 10,971.05 End of BHA (total length 32.30') 10,972.96
0:55	0.58	WINF	SPB			0	POOH. BD well to 0 psi 10 bbls bled back. Perform 30 negative test on well good test.
1:30	3.50	WINF	SPB			0	Shut in well. Lay down lubricator and BHA and prep to move over to 1404H well.

EP WELLS DAILY OPERATIONS REPORT

Report 33

12/28/2017

Company	PERMIAN
Well Type	Development
Well	UNIVERSITY 19 D 0904H
Wellbore	UNIVERSITY 19 D 0904H
WBS No/API No	30266560 / 4230133226.00

Event Summary

Event Type	Completion only	Event Start Date	10/31/2017	Days on Location	33.00
Objective	Install Completion	Original Spud Date	06/19/2017		
Est. Days	65.00	Contractor	PERMIAN WELL SVC		
Work Unit	PERMIAN COMPLETIONS	Days To Release			
		Rig Phone/FAX No.			

Well Status

Supervisor	PONTELL/TOMCZAK	Measured Depth(ft)	
Engineer	Bobby Ramos	TVD(ft)	
Other Supervisor	COIT	24 Hr Progress(ft)	
Depth Ref/Grd Elev/Water Depth(ft)	DFE: 2,799.10 / 2,771.10	Hole size(in)	
THF Datum			
Daily NPT(hr/%)	0/0	Last Casing MD	
Days Ahd(-) Bhnd(+)(50/50)		Next Casing MD	
Actual cost to date/AFE	3,359,568/3,746,244.00	Current MW / BH EMW(ppg)	/
Actual divided by AFE	0.90	LOT/FIT EMW(ppg)	
Daily Cost	84,465	Lithology	
		Formation/MD Top	

HSE Summary

Last Incident	Date	Days	Last Incident	Date	Days	KPI's	
LWC RWC MTC FAC Last casing pressure test			PSI NII HPI GOAL ZERO DAYS PS BARRIER EVENT PS barrier bowtie review			TRCF LWCF Safety Cards - Safe Safety Card - Unsafe SSE% Last casing pressure(psi)	
Safety Comments:							
TOTAL MAN HOURS: 278							
NO INCIDENTS REPORTED							

HSE Drills

Drills/Tests	Date	Days Since Last		
Last Derrick Inspection			JSA's/Toolbox Talks	
Last BOP function test	12/28/2017	0	Days Since Last Drill	32
Last BOP Test	12/28/2017	0		
Next BOP Test	01/11/2018			

Operations Summary

24 Hour Summary
NU AND TEST BOPS RU WOR BEGIN RIH TBG
Update Since Report Time
24 Hour Forecast
CIRCULATE PACKER FLUID, LAND TUBING, RD MOVE TO NEXT WELL ON PAD

EP WELLS DAILY OPERATIONS REPORT

Report 33

12/28/2017

Well UNIVERSITY 19 D 0904H
Wellbore UNIVERSITY 19 D 0904H

Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
10:00	1.00	WOR	NUB			0		ND NIGHTCAP. NU AND FUNCTION TEST 7" 10M BOPS. TEST BLIND RAMS TO 500 PSI / 5 MIN LOW, 8000 PSI / 10 MIN HIGH, PIPE RAMS TO 500 PSI / 5 MIN LOW, 8000 PSI / 5 MIN HIGH. GOOD TESTS. BLEED OFF TEST PRESSURE.
11:00	1.33	WOR	RGU			0		SPOT BB AND RIG. RAISE DERRICK.
12:20	0.50	WOR	RGU			0		CREW LUNCH.
12:50	0.67	WOR	RGU			0		NU BIRD BATH. RU FLOOR.
13:30	0.50	WOR	RGU			0		SPOT CATWALK AND PIPE RACKS.
14:00	2.00	WOR	PFT			0		RACK AND TALLY PIPE. DESIGN GAS LIFT VALVE PLACEMENT WITH SUPERIOR AND HALLIBURTON.
16:00	1.50	WOR	PFT			0		PAUSE TO DISCUSS RIH OPERATIONS. PU BHAAS FOLLOWS: - HALLIBURTON ON/OFF TOOL (5.5" OD, 2.313" ID, 1.74' L) - 1 X JT 2-7/8" 8RD L80 TUBING (2.875" OD, 2.441" ID, 31.5') - 1 X SUPERIOR ORIFICE VLV (4.835" OD, 2.441" ID, 4.1' L) - 1 X JT 2-7/8" 8RD L80 TUBING (2.875" OD, 2.441" ID, 31.56') - 1 X PUP 2-7/8" 8RD L80 TBG 2.875" OD, 2.441" ID, 9.92') RIH WITH TBG
17:30	0.50	WOR	PFT			0		CREW CHANGE, HELD PRE-JOB SAFETY MEETING.
18:00	6.00	WOR	TBG			0		CONTINUE RIH WITH SUPERIOR GAS LIFT SYSTEM ON 2 7/8" 6.5# L-80 8RD PRODUCTION TUBING.
Total	14.00							

06.00 Update

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Description
0:00	0.75	WOR	TBG			0	CONTINUE RIH WITH SUPERIOR GAS LIFT SYSTEM ON 2 7/8" 6.5# L-80 8RD PRODUCTION TUBING.
0:45	0.50	WOR	TBG			0	CREW LUNCH
1:15	0.75	WOR	TBG			0	TAGGED PACKER WITH JOINT # 346, LATCHED PACKER@ 10,921', VERIFIED LATCH WITH 15 PTS OVER PULL, NEUTRAL WT: 62,000 LBS, PU WT: 70,000 LBS. MEASURED SPACE OUT, RELEASED ON/OFF TOOL, LAYED DOWN JT # 346.
2:00	2.25	WOR	TBG			0	RIGGED UP PUMP LINES, PRIMED PUMP, TESTED LINES, CONVENTIONALLY CIRCULATED WELL WITH 400 BBLS FRESH WATER PACKER FLUID, 3 BPM @ 850 PSI.
4:15	0.25	WOR	TBG			0	HELD TAILGATE SAFETY MEETING WITH CONTRACTORS. DISCUSSED PLANNED OPERATIONS: LANDING TUBING AND PRESSURE TESTING. REVIEWED 7-STEPS.
4:30		WOR	SOH			0	INSTALLED CAMERON 2 7/8" 8RD X 7" TC-40 TUBING HGR WITH 2 7/8" X 4' PUP JT. LATCHED PACKER AND LANDED 2 7/8" 6.5# L-80 8RD PRODUCTION TUBING WITH 6 PTS COMPRESSION. (345 JTS).

Remarks

CURRENTLY ON RENT:

5 DESERT EQUIPMENT LIGHT PLANTS
14 FRAC TANKS
2 GAS BUSTERS
1 R&R CONSTRUCTION TRASH TRAILER/PORTA JOHN COMBO
1 PEAK SAFETY TRAILER
1 PEAK OFFICE TRAILER
1 SUNBELT MANLIFT
1 SUNBELT FORKLIFT AND ATTACHMENTS

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Wellbore	UNIVERSITY 19 D 0904H
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Work Unit	PERMIAN COMPLETIONS	Days To Release			
		Rig Phone/FAX No.			

Well Status

Supervisor	PONTELL/TOMCZAK	Measured Depth(ft)	
Engineer	Bobby Ramos	TVD(ft)	
Other Supervisor	COIT	24 Hr Progress(ft)	
Depth Ref/Grd Elev/Water Depth(ft)	DFE: 2,799.10 / 2,771.10	Hole size(in)	
THF Datum			
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Days Ahd(-) Bhnd(+)(50/50)		Next Casing MD	
Actual cost to date/AFE	3,397,853/3,746,244.00	Current MW / BH EMW(ppg)	/
Actual divided by AFE	0.91	LOT/FIT EMW(ppg)	
Daily Cost	38,285	Lithology	
		Formation/MD Top	

HSE Summary

Last Incident	Date	Days	Last Incident	Date	Days	KPI's	
LWC RWC MTC FAC Last casing pressure test			PSI NII HPI GOAL ZERO DAYS PS BARRIER EVENT PS barrier bowtie review			TRCF LWCF Safety Cards - Safe Safety Card - Unsafe SSE% Last casing pressure(psi)	
Safety Comments:							
TOTAL MAN HOURS:							

HSE Drills

Drills/Tests	Date	Days Since Last		
Last Derrick Inspection	12/28/2017	1	JSA's/Toolbox Talks	33
Last BOP function test	12/28/2017	1	Days Since Last Drill	
Last BOP Test	01/11/2018			
Next BOP Test				

Operations Summary

24 Hour Summary
CONTINUE RIH CIRCULATE PACKER FLUID LAND TBG ND BOPS NU PROD TREE RDMO
Update Since Report Time
TUBING INSTALLATION COMPLETE
24 Hour Forecast
WAIT ON OTHER PAD OPERATIONS

EP WELLS DAILY OPERATIONS REPORT

Report 34

12/29/2017

Well UNIVERSITY 19 D 0904H
Wellbore UNIVERSITY 19 D 0904H

Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
0:00	0.75	WOR	TBG			0		CONTINUE RIH WITH SUPERIOR GAS LIFT SYSTEM ON 2 7/8" 6.5# L-80 8RD PRODUCTION TUBING.
0:45	0.50	WOR	TBG			0		CREW LUNCH
1:15	0.75	WOR	TBG			0		TAGGED PACKER WITH JOINT # 346, LATCHED PACKER@ 10,921', VERIFIED LATCH WITH 15 PTS OVER PULL, NEUTRAL WT: 62,000 LBS, PU WT: 70,000 LBS. MEASURED SPACE OUT, RELEASED ON/OFF TOOL, LAYED DOWN JT # 346.
2:00	2.25	WOR	TBG			0		RIGGED UP PUMP LINES, PRIMED PUMP, TESTED LINES, CONVENTIONALLY CIRCULATED WELL WITH 400 BBLS FRESH WATER PACKER FLUID, 3 BPM @ 850 PSI.
4:15	0.25	WOR	TBG			0		HELD TAILGATE SAFETY MEETING WITH CONTRACTORS. DISCUSSED PLANNED OPERATIONS: LANDING TUBING AND PRESSURE TESTING. REVIEWED 7-STEPS.
4:30	1.50	WOR	SOH			0		INSTALLED CAMERON 2 7/8" 8RD X 7" TC-40 TUBING HGR WITH 2 7/8" X 4' PUP JT. LATCHED PACKER AND LANDED 2 7/8" 6.5# L-80 8RD PRODUCTION TUBING WITH 6 PTS COMPRESSION. (345 JTS).
6:00	1.00	WOR	SOH			0		TIE INTO LANDING JT WITH RIG PUMP AND PRESSURIZE TO 1000 PSI. BLEED OFF LINE, BREAK LINE AND TIE IN TEST PUMP, EQUALIZE ACROSS TIW VALVE OPEN AND PRESSURIZE TBG TO 2000 PSI. SHUT IN TIW VALVE, BLEED OFF HOSE AND BREAK OFF TEST PUMP. TIE INTO CASING WITH RIG PUMP, FILL AND PRESSURIZE TBG X CSG ANNULUS TO 1000 PSI. SHUT IN, BLEED OFF LINE, BREAK LINE AND TIE IN TEST PUMP, EQUALIZE ACROSS CSG VALVE OPEN AND PRESSURIZE TBG X CSG ANNULUS TO 1500 PSI. CHART FOR 10 MIN GOOD TEST. BLEED PRESSURE OFF ALL LINES AND CSG/TBG, BRINE PUMP LINES TO PREVENT FREEZING. LD LANDING JT AND SHUT FRAC VALVE.
7:00	0.75	WOR	NDT			0		RD FLOOR.
7:45	2.75	WOR	NDT			0		ND 7" 10M BOPS, SWING OVER TO NEXT WELL. DRY ROD IN BPV, ND 7" 10M FRAC VALVE. NU 7-1/16" 10M X 2-9/16" 10M ADAPTER AND 2-9/16" 10M PRODUCTION TREE. PRESSURE TEST HANGER SEAL VOID TO 10,000 PSI 10 MIN GOOD TEST. PULL BPV INSTALL TWCV. PRESSURE TEST TREE TO 500 PSI LOW 5 MIN, 9600 PSI HIGH 10 MIN GOOD TEST. BLEED OFF PRESSURE, PULL TWCV, SECURE WELL.
Total	10.50							

Remarks

CURRENTLY ON RENT:

5 DESERT EQUIPMENT LIGHT PLANTS
14 FRAC TANKS
2 GAS BUSTERS
1 R&R CONSTRUCTION TRASH TRAILER/PORTA JOHN COMBO
1 PEAK SAFETY TRAILER
1 PEAK OFFICE TRAILER
1 SUNBELT MANLIFT
1 SUNBELT FORKLIFT AND ATTACHMENTS

EP WELLS DAILY OPERATIONS REPORT

Report 36

01/01/2018

Company	PERMIAN
Well Type	Development
Well	UNIVERSITY 19 D 0904H
Wellbore	UNIVERSITY 19 D 0904H
WBS No/API No	30266560 / 4230133226.00

Event Summary

Event Type	Completion only	Event Start Date	10/31/2017	Days on Location	36.00
Objective	Install Completion	Original Spud Date	06/19/2017		
Est. Days	65.00	Contractor	PERMIAN WELL SVC		
Work Unit	PERMIAN COMPLETIONS	Days To Release			
		Rig Phone/FAX No.			

Well Status

Supervisor	PONTELL/TOMCZAK	Measured Depth(ft)	
Engineer	Bobby Ramos	TVD(ft)	
Other Supervisor	COIT	24 Hr Progress(ft)	
Depth Ref/Grd Elev/Water Depth(ft)	DFE: 2,799.10 / 2,771.10	Hole size(in)	
THF Datum			
Daily NPT(hr/%)	0/0	Last Casing MD	
Days Ahd(-) Bhnd(+)(50/50)		Next Casing MD	
Actual cost to date/AFE	3,397,853/3,746,244.00	Current MW / BH EMW(ppg)	/
Actual divided by AFE	0.91	LOT/FIT EMW(ppg)	
Daily Cost	0	Lithology	
		Formation/MD Top	

HSE Summary

Last Incident	Date	Days	Last Incident	Date	Days	KPI's	
LWC RWC MTC FAC Last casing pressure test			PSI NII HPI GOAL ZERO DAYS PS BARRIER EVENT PS barrier bowtie review			TRCF LWCF Safety Cards - Safe Safety Card - Unsafe SSE% Last casing pressure(psi)	
Safety Comments:							

HSE Drills

Drills/Tests	Date	Days Since Last		
Last Derrick Inspection	12/28/2017	4	JSA's/Toolbox Talks	35
Last BOP function test	12/28/2017	4	Days Since Last Drill	
Last BOP Test	01/11/2018			
Next BOP Test				

Operations Summary

24 Hour Summary
RIG UP SLICKLINE. PERFORM GAUGE RING RUN. RUN DOWNHOLE PRESSURE GAUGES.
Update Since Report Time
24 Hour Forecast

EP WELLS DAILY OPERATIONS REPORT

Report 36

01/01/2018

Well UNIVERSITY 19 D 0904H
Wellbore UNIVERSITY 19 D 0904H

Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
19:30	0.50	SLBL	RWL			0		MIRU PRECISION SLICKLINE UNIT & 10 K LUBRICATOR.
20:00	1.25	SLBL	RWL			0		<p>STAB LUBRICATOR AND ZERO TOOLSTRING AT GL. PRESSURE TEST LUBRICATOR TO 500 PSI/5 MIN, 5000 PSI/5 MIN HIGH. EQUALIZE TO SITHP 4000 PSI AND OPEN WELL FULL RDS ALL VALVES. RIH WITH FOLLOWING TOOLSTRING (ALL DIMENSIONS VERIFIED):</p> <ul style="list-style-type: none"> - ROPE SOCKET (6.125" L, 1.5" OD, 1-3/8" FN) - KNUCKLE JT (10.25" L, 1.5" OD, 1-3/8" FN) - WT BAR (58.875", 1.5" OD, 1-3/8" FN) - KNUCKLE JT (9" L, 1.5" OD, 1-3/8" FN) - WT BAR (59", 1.5" OD, 1-3/8" FN) - KNUCKLE JT (8.75" L, 1.5" OD, 1-3/8" FN) - SPANG JARS (85.125" L OPEN, 55.25" L CLOSED, 1.5" OD, 1-3/8" FN) - GAUGE RING (8" L OPEN, 2.29" OD, 1-3/8" FN) <p>RIH AT 500 FPM. WT CHK AT 5000' 200 LBF. WT CHK 10000' 300 LBF., TAG XN 10,994' SLM..</p> <p>POOH, PUMPING 50/50 GLYCOL MIX FROM 3000' UP.</p>
21:15	1.75	SLBL	RGU			0		<p>BUMP UP, SITHP 4000 PSI. BLEED OFF, BREAK OFF. MU DHPG TOOLSTRING AS FOLLOWS (ALL DIMENSIONS VERIFIED):</p> <ul style="list-style-type: none"> - ROPE SOCKET (6.125" L, 1.5" OD, 1-3/8" FN) - KNUCKLE JT (10.25" L, 1.5" OD, 1-3/8" FN) - WT BAR (58.875", 1.5" OD, 1-3/8" FN) - KNUCKLE JT (9" L, 1.5" OD, 1-3/8" FN) - WT BAR (59", 1.5" OD, 1-3/8" FN) - KNUCKLE JT (8.75" L, 1.5" OD, 1-3/8" FN) - SPANG JARS (85.125" L OPEN, 55.25" L CLOSED, 1.5" OD, 1-3/8" FN) - XN FLOW THRU LOCK (31.75" L, 2.275" OD) - PERF SUB (18.25" L, 2.3" OD) - SHOCK ABSORBER (13-5/8" L, 1.25" OD) - TANDEM DOWNHOLE PRESSURE GAUGES (33-5/8" L, 1.25" OD) <p>STAB AND PRESSURE TEST LUBRICATOR TO 500 PSI/5 MIN LOW, 5000 PSI/5 MIN HIGH GOOD TEST.</p> <p>EQUALIZE, OPEN WELL FULL ROUNDS ALL VALVES, AND RIH AT 250 FPM. WT CHK WT CHK AT 350 FPM UP 750 LBF ON BTM HANGING WT 315 LBF. TAG XN 10994' JAR DOWN/JAR UP AND SET DHPG.</p> <p>POOH, PUMPING 50/50 GLYCOL MIX FROM 3000' UP.</p>
23:00	0.50	SLBL	RGU			0		SWI, RIG DOWN SLICKLINE.
Total	4.00							