

## EP WELLS DAILY OPERATIONS REPORT

Report 32

11/27/2017

Company	PERMIAN
Well Type	Development
Well	UNIVERSITY 19 PW UNIT 1406H
Wellbore	UNIVERSITY 19 PW UNIT 1406H
WBS No/API No	30266570 / 4230133213.00

## Event Summary

Event Type	Completion only	Event Start Date	09/03/2017	Days on Location	32.00
Objective	Install Completion	Original Spud Date	04/30/2017		
Est. Days	31.00	Contractor	PERMIAN WELL SVC		
Work Unit	PERMIAN COMPLETIONS	Days To Release			
		Rig Phone/FAX No.			

## Well Status

Supervisor	Mike Reber	Measured Depth(ft)	
Engineer	Alex Villegas	TVD(ft)	
Other Supervisor	Shawn Jones	24 Hr Progress(ft)	
Depth Ref/Grd Elev/Water Depth(ft)	DFE: 2,793.00 / 2,767.00	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	3,605,678/4,377,702.00	Current MW / BH EMW(ppg)	/
Actual divided by AFE	0.82	LOT/FIT EMW(ppg)	
Daily Cost	95,808	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 <b>GOAL ZERO DAYS</b> <b>PS BARRIER EVENT</b> <b>PS barrier bowtie review</b>			TRCF LWCF Safety Cards - Safe Safety Card - Unsafe SSE% Last casing pressure(psi)	
Safety Comments:							
Man hours = 312							

## 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	31

## Operations Summary

24 Hour Summary
CTDO plugs 25 thru 42. Pump sweep and POOH. RDMO
Update Since Report Time
POOH
24 Hour Forecast
RDMO. Haul off FB. Hand over to WL to run production packers.

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## Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
0:00	0.72	COIL	MIL			0		Tag # 25 @ 16352' WELLHEAD= 3600 psi CIRC PRES= 6500 psi RATE= 3.0 RETURNS= 3.0 MILL TIME = 6 MINUTES STALLS= 0 FR = .15 POP = .4 RIH TO NEXT PLUG
0:43	0.67	COIL	MIL			0		Tag # 26 @ 16530' WELLHEAD= 3400 psi CIRC PRES= 6500 psi RATE= 3.0 RETURNS= 3.0 MILL TIME = 6 MINUTES STALLS= 0 FR = .15 POP = .4 RIH TO NEXT PLUG
1:23	0.48	COIL	MIL			0		Tag # 27 @ 16703' WELLHEAD= 3400 psi CIRC PRES= 6500 psi RATE= 3.0 RETURNS= 3.0 MILL TIME = 5 MINUTES STALLS= 0 FR = .15 POP = .4 RIH TO NEXT PLUG
1:52	0.60	COIL	MIL			0		Tag # 28 @ 16878' WELLHEAD= 3400 psi CIRC PRES= 6500 psi RATE= 3.0 RETURNS= 3.0 MILL TIME = 6 MINUTES STALLS= 0 FR = .15 POP = .4 RIH TO NEXT PLUG
2:28	0.65	COIL	MIL			0		Tag # 29 @ 17050' WELLHEAD= 3400 psi CIRC PRES= 6500 psi RATE= 3.0 RETURNS= 3.0 MILL TIME = 5 MINUTES STALLS= 0 FR = .15 POP = .4 RIH TO NEXT PLUG
3:07	0.77	COIL	MIL			0		Tag # 30 @ 17228' WELLHEAD= 3400 psi CIRC PRES= 6500 psi RATE= 3.0 RETURNS= 3.0 MILL TIME = 6 MINUTES STALLS= 0 FR = .15 POP = .4 2 gal/5bbl over 30 min POP Slug. RIH TO NEXT PLUG
3:53	0.63	COIL	MIL			0		Tag # 31 @ 17398' WELLHEAD= 3500 psi CIRC PRES= 6600 psi RATE= 3.0 RETURNS= 3.0 MILL TIME = 4 MINUTES STALLS= 0 FR = .15 POP = .4 2 gal/5bbl over 30 min POP Slug. RIH TO NEXT PLUG
4:31	0.72	COIL	MIL			0		Tag # 32 @ 17576' WELLHEAD= 3500 psi CIRC PRES= 6600 psi

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								RATE= 3.0 RETURNS= 3.0 MILL TIME = 5 MINUTES STALLS= 0 FR = .15 POP = .4 2 gal/5bbl over 30 min POP Slug. RIH TO NEXT PLUG
5:14	0.88	COIL	MIL			0		Tag # 33 @ 17755' WELLHEAD= 3700 psi CIRC PRES= 6600 psi RATE= 3.0 RETURNS= 3.0 MILL TIME = 5 MINUTES STALLS= 0 FR = .15 POP = .4 2 gal/5bbl over 30 min POP Slug. RIH TO NEXT PLUG  05:30 - Held Pre-Tower Safety Meeting. Covered focus areas - SSE, Barrier Ownership, Hands Free and DROPS. After pre-tower crews held respective TBT for their areas. Then conducted their handovers.
6:07	0.85	COIL	MIL			0		Tag # 34 @ 17931' WELLHEAD= 3700 psi CIRC PRES= 6700 psi RATE= 3.0 RETURNS= 3.0 MILL TIME = 5 MINUTES STALLS= 0 FR = .15 POP = .4 2 gal/5bbl over 30 min POP Slug. RIH TO NEXT PLUG
6:58	0.62	COIL	MIL			0		Tag # 35 @ 18109' WELLHEAD= 3700 psi CIRC PRES= 6600 psi RATE= 3.0 RETURNS= 3.0 MILL TIME = 5 MINUTES STALLS= 0 FR = .15 POP = .4 2 gal/5bbl over 30 min POP Slug. RIH TO NEXT PLUG 27.8 cP / 35,896 Re / 12,500 chlorides
7:35	1.42	COIL	MIL			0		Tag # 36 @ 18284' WELLHEAD= 3600 psi CIRC PRES= 6400 psi RATE= 3.0 RETURNS= 3.0 MILL TIME = 6 MINUTES STALLS= 0 FR = .15 POP = .4 2 gal/5bbl over 30 min POP Slug. RIH TO NEXT PLUG
9:00	1.50	COIL	MIL			0		Tag # 37 @ 18490' WELLHEAD= 3500 psi CIRC PRES= 6600 psi RATE= 3.0 RETURNS= 3.0 MILL TIME = 5 MINUTES STALLS= 0 FR = .15 POP = .4 5 gal/5bbl every 20 min POP Slug. RIH TO NEXT PLUG  Rate in hole slowing to 2.1 ft/min/ start 2 hour program of 5 gal/5 bbls every 20 min / switch to tanks 5 and 6 fresh water / take returns in empty tank to remove used fluid from system
10:30	1.30	COIL	MIL			0		Tag # 38 @ 18639' WELLHEAD= 3700 psi CIRC PRES= 6800 psi RATE= 3.0 RETURNS= 3.0 MILL TIME = 9 MINUTES

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## Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
								STALLS= 0 FR = .15 POP = .4 3 gal/5bbl over 20 min POP Slug. RIH TO NEXT PLUG
11:48	1.07	COIL	MIL			0		Tag # 39 @ 18828' WELLHEAD= 3500 psi CIRC PRES= 6600 psi RATE= 3.0 RETURNS= 3.0 MILL TIME = 5 MINUTES STALLS= 0 FR = .15 POP = .4 3 gal/5bbl over 20 min POP Slug. RIH TO NEXT PLUG
12:52	1.32	COIL	MIL			0		Tag # 40 @ 18988' WELLHEAD= 3700 psi CIRC PRES= 6600 psi RATE= 3.0 RETURNS= 3.0 MILL TIME = 8 MINUTES STALLS= 0 FR = .15 POP = .4 3 gal/5bbl over 30 min POP Slug. RIH TO NEXT PLUG
14:11	1.22	COIL	MIL			0		Tag # 41 @ 19168' WELLHEAD= 3700 psi CIRC PRES= 6500 psi RATE= 3.0 RETURNS= 3.0 MILL TIME = 6 MINUTES STALLS= 0 FR = .15 POP = .4 3 gal/5bbl over 30 min POP Slug. RIH TO NEXT PLUG
15:24	0.48	COIL	MIL			0		Tag # 42 @ 19329' WELLHEAD= 3700 psi CIRC PRES= 6400 psi RATE= 3.0 RETURNS= 3.0 MILL TIME = 10 MINUTES STALLS= 0 FR = .15 Cut chemicals  Pump 10/10/10 and chase same.
15:53	5.87	COIL	PCT			0		Tagged plug 42 and drilled same, RIH to 19,337 CTM, pump 10/10/10 sweep, sweep exits CT, POOH chasing same, PU clean at 53K (2175 psi hyd), POOH slow and establish wraps on reel, increase speed to 50 ft/min max as work uphole  17:20 16,193' POOH / 3 in 3 out / 6100 CP / 3700 WH / POOH at 44 ft/min / PU weight 45K  17:30 Safety meeting, make plan, review RD procedure, line of fire, suspended loads, hand awareness, 12 LSR's, UnCAAP, LFI example, review JSA's and open permits  18:25 Pump 10 bbl sweep at 13,425', prep to wipe heel and chase same.
21:45	2.23	COIL	RGO			0		Bumped up. Close in LMV. Bleed off pressure through choke.  Pause TBT. Review JSA, HazID and objectives. RD Plan. Discuss UNCAAP safe work strategy. 12 LSQ. Critical focus areas. DROPS.  LD BHA. Injector head and riser. ND BOP. Pump scrubber and ball through Coil. Blow down w/N2. Cont RDMO.
<b>Total</b>	<b>23.98</b>							

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## 06.00 Update

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Description
0:00	3.00	COIL	RGO			0	Bumped up. Close in LMV. Bleed off pressure through choke.  Pause TBT. Review JSA, HazID and objectives. RD Plan. Discuss UNCAAP safe work strategy. 12 LSQ. Critical focus areas. DROPS.  LD BHA. Injector head and riser. ND BOP. Pump scrubber and ball through Coil. Blow down w/N2. Cont RDMO.
3:00	3.00	COIL	RGO			0	All CTP equipment is RD and parked on the side of location awaiting daylight to move OS/OW loads.  Continue to haul off FB. Handover to WL.