

EP WELLS DAILY OPERATIONS REPORT

Report 24

12/15/2017

Company	PERMIAN
Well Type	Development
Well	UNIVERSITY 19 PW UNIT 1404H
Wellbore	UNIVERSITY 19 PW UNIT 1404H
WBS No/API No	30266568 / 4230133215.00

Event Summary

Event Type	Completion only	Event Start Date	10/31/2017	Days on Location	24.00
Objective	Install Completion	Original Spud Date	06/17/2017		
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: 2,800.10 / 2,772.10	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	4,099,732/5,029,301.00	Current MW / BH EMW(ppg)	/
Actual divided by AFE	0.82	LOT/FIT EMW(ppg)	
Daily Cost	85,445	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	23

Operations Summary

24 Hour Summary
Continue drilling plugs.
Update Since Report Time
24 Hour Forecast

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Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
0:00	0.58	COIL	MIL			0		Continue RIH to the next plug.
0:35	0.75	COIL	MIL			0		Tag plug 39 of 49: - Depth is 19,015' - Cir Press is 6800 psi - WH Press is 3900 psi - Rate(in) is 3.25 bpm - Rate(out) is 3.2 bpm - Drill Time is 4 min - Stalls - None Chemicals: - FR at 0.35-gal/10-bbl, POP at 0.2-gal/10bbl
1:20	0.42	COIL	MIL			0		Tag plug 40 of 49: - Depth is 19,201' - Cir Press is 6900 psi - WH Press is 3900 psi - Rate(in) is 3.25 bpm - Rate(out) is 3.2 bpm - Drill Time is 3 min - Stalls - None Chemicals: - FR at 0.35-gal/10-bbl, POP at 0.2-gal/10bbl
1:45	0.83	COIL	MIL			0		Stop moving the CT due to high circulation pressure (> 7200-psi). Do a weight check at 19,224-ft, PU weight is 49-klb. Cir pressure is still too high to move pipe. Problem was a loose hose on the FR tote tank. Fix the loose hose, re-test chemical pump. Pressure starts dropping.
2:35	0.80	COIL	MIL			0		Recommence RIH.
3:23	0.72	COIL	MIL			0		Tag plug 41 of 49: - Depth is 19,372' - Cir Press is 6500 psi - WH Press is 3900 psi - Rate(in) is 3.00 bpm - Rate(out) is 3.1 bpm - Drill Time is 2 min - Stalls - None Chemicals: - FR at 0.35-gal/10-bbl, POP at 0.2-gal/10bbl
4:06	0.77	COIL	MIL			0		Tag plug 42 of 49: - Depth is 19,575' - Cir Press is 6900 psi - WH Press is 3900 psi - Rate(in) is 3.50 bpm - Rate(out) is 3.4 bpm - Drill Time is 5 min - Stalls - None Chemicals: - FR at 0.35-gal/10-bbl, POP at 0.2-gal/10bbl
4:52	0.62	COIL	MIL			0		Tag plug 43 of 49: - Depth is 19,739' - Cir Press is 6800 psi - WH Press is 3900 psi - Rate(in) is 3.50 bpm - Rate(out) is 3.4 bpm - Drill Time is 4 min - Stalls - None

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								Chemicals: - FR at 0.35-gal/10-bbl, POP at 0.2-gal/10bbl
5:29	0.02	COIL	MIL			0		Tag plug 44 of 49: - Depth is 19,913' - Cir Press is 6800 psi - WH Press is 3900 psi - Rate(in) is 3.50 bpm - Rate(out) is 3.4 bpm - Drill Time is 3 min - Stalls - None Chemicals: - FR at 0.35-gal/10-bbl, POP at 0.2-gal/10bbl
5:30	0.57	COIL	MIL			0		Safety Meeting with Day Crew.
6:04	0.90	COIL	MIL			0		Tag plug 45 of 49: - Depth is 20,098' - Cir Press is 6700 psi - WH Press is 3900 psi - Rate(in) is 3.50 bpm - Rate(out) is 3.4 bpm - Drill Time is 5 min - Stalls - None Chemicals: - FR at 0.35-gal/10-bbl, POP at 0.2-gal/10bbl
6:58	0.98	COIL	MIL			0		Tag plug 46 of 49: - Depth is 20,279' - Cir Press is 6650 psi - WH Press is 3900 psi - Rate(in) is 3.50 bpm - Rate(out) is 3.5 bpm - Drill Time is 4 min - Stalls - None Chemicals: - FR at 0.35-gal/10-bbl, POP at 0.2-gal/10bbl
7:57	1.70	COIL	MIL			0		Tag plug 47 of 49: - Depth is 20,456' - Cir Press is 7000 psi - WH Press is 3900 psi - Rate(in) is 3.25 bpm - Rate(out) is 3.25 bpm - Drill Time is 5 min - Stalls - None Chemicals: - FR at 0.35-gal/10-bbl, POP at 0.2-gal/10bbl Had to bring down rate due to pressure, introduced fresh water into the sysem to bring help bring down CTP
9:39	0.98	COIL	MIL			0		Tag plug 48 of 49: - Depth is 20,634' - Cir Press is 6800 psi - WH Press is 3900 psi - Rate(in) is 3.25 bpm - Rate(out) is 3.25 bpm - Drill Time is 4 min - Stalls - None Chemicals: - FR at 0.35-gal/10-bbl, POP at 0.2-gal/10bbl

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Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
10:38	0.20	COIL	MIL			0		Tag plug 48 of 49: - Depth is 20,634' - Cir Press is 6800 psi - WH Press is 3900 psi - Rate(in) is 3.25 bpm - Rate(out) is 3.25 bpm - Drill Time is 4 min - Stalls - None Chemicals: - FR at 0.35-gal/10-bbl, POP at 0.2-gal/10bb
10:50	0.58	COIL	MIL			0		CTD @ 20,825' PBTD, end mill ops. Pump 10-10-10 sweep, wait for sweep to exit CT.
11:25	6.08	COIL	PCT			0		POOH @ 35'/min, send 10bbl sweep before curve. Continue to POOH.
17:30	0.50	COIL	PCT			0		Crew change safety meeting.
18:00	0.67	COIL	PCT			0		Continue to POOH with CT.
18:40	1.33	WINF	RGO			0		CT at surface. Close LMV (31 turns) and bleed off pressure. Close UMV (17 turns) and crown valve (28 turns). Break lubricator and LD BHA. ND BOP stack and move to the 0910H well. Install tree cap on well. Cut off 40-ft of CT to remove flat spots on tubing. Operations Complete
Total	20.00							