

EP WELLS DAILY OPERATIONS REPORT

Report 50

06/21/2017

Company	PERMIAN
Well Type	Development
Well	UNIVERSITY 19 PW UNIT 1507H
Wellbore	UNIVERSITY 19 PW UNIT 1507H
WBS No/API No	30265017 / 4230133144.00

Event Summary

Event Type	Completion only	Event Start Date	04/15/2017	Days on Location	50.00
Objective	Install Completion	Original Spud Date	01/22/2017		
Est. Days	21.00	Contractor	PERMIAN WELL SVC		
Work Unit	PERMIAN COMPLETIONS	Days To Release			
		Rig Phone/FAX No.			

Well Status

Supervisor	J STEELE / J.WOOD	Measured Depth(ft)	
Engineer	ALEJANDRO VILEGAS	TVD(ft)	
Other Supervisor	M.JOHNSON / D.STEIN	24 Hr Progress(ft)	
Depth Ref/Grd Elev/Water Depth(ft)	DFE: 2,769.50 / 2,743.50	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	5,271,140/5,609,575.00	Current MW / BH EMW(ppg)	/
Actual divided by AFE	0.94	LOT/FIT EMW(ppg)	
Daily Cost	67,506	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:							
DAY / NIGHT							
PERSONELL 13 personnel / 13 personnel							
MAN HRS 169 mn-hr / 169 mn-hr, Total = 338 mn-hr							
DRIVE HRS 15-hr / 23-hr, Total = 38-hr							

HSE Drills

Drills/Tests	Date	Days Since Last		
Last Derrick Inspection			JSA's/Toolbox Talks	
Last BOP function test			Days Since Last Drill	21
Last BOP Test				
Next BOP Test				

Operations Summary

24 Hour Summary
CTDO OPS
Update Since Report Time
CONT. CTDO OPS.
24 Hour Forecast
COMPLETE AND RD

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Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
0:00	0.08	COIL	RGU			0		RUN IN HOLE TO PLUG 44 AND TAG AT 19,588' CTM CTP6470 WHP3750 RATE 3.5 BPM RETURNS 3.5 BPM MILL TIME 4 MIN. STALLS 0 WOB +1 RUN IN HOLE
0:05	0.67	COIL	RGU			0		TAG PLUG 45 AT 19,772' CTM CTP6540 WHP 3765 RATE 3.5 BPM RETURNS 3.5 BPM MILL TIME 6 MIN. STALLS 0 WOB +1 RUN IN HOLE
0:45	0.85	COIL	RGU			0		TAG PLUG 46 AT 19,952' CTM CTP 6443 WHP 3753 RATE 3.5 BPM RETURNS 3.5 BPM MILL TIME 5 MIN. STALLS 0 WOB +1 RUN IN HOLE
1:36	0.93	COIL	RGU			0		TAG PLUG 47 AT 20,125 CTM CTP 6335 WHP 3713 RATE 3.5 BPM RETURNS 3.5 BPM MILL TIME 5 MIN WOB 1+ RUN IN HOLE
2:32	1.12	COIL	RGU			0		TAG PLUG 48 AT 20,309' CTM CTP 6427 WHP 3694 RATE 3.5 BPM RETURNS 3.5 BPM MILL TIME 3 MIN. STALLS 1 WOB +1 RUN IN HOLE
3:39	1.17	COIL	RGU			0		TAG PLUG 49 AT 20,489' CTM CTP 6450 WHP 3704 RATE 3.5 BPM RETURNS 3.5 BPM MILL TIME 4 MIN STALLS 0 WOB+1 RUN IN HOLE
4:49	1.68	COIL	RGU			0		TAG PLUG 50 AT 20,665' CTM CTP 6775 WHP3685 RATE 3.5 BPM RETURNS 3.5 BPM MILL TIME 5 MIN. STALLS 0 WOB +1 RUN IN HOLE
6:30	1.37	COIL	RGU			0		SAFETY MTG. / JSA REVIEWS / CREW CHANGE CONT. RIH
7:52	0.97	COIL	RGU			0		TAG PLUG 51 AT 20,834' CTM CTP 6540

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								WHP 3705 RATE 3.5 BPM RETURNS 3.5 BPM MILL TIME 3 MIN. STALLS 0 WOB +1 FR = .16 PoP / NANO BEADS = .25 CONT. RUN IN HOLE
8:50	0.25	COIL	RGU			0		CHARGE PUMP FAILURE. POOH FROM 20,928' CTM CTP 4200 PSI WHP 3800 PSI
9:05	1.85	COIL	RGU			0		RIH FROM 20,828' CTM CTP 6460 WHP 3774 FR = .16 PoP / NANO BEADS = .25
10:56	1.87	COIL	RGU			0		TAG PLUG 52 AT 21,002' CTM CTP 6575 WHP 3785 RATE 3.6 BPM RETURNS 3.6 BPM MILL TIME 06 MIN. STALLS 0 WOB +1 FR = .16 PoP / NANO BEADS = .25 CONT. RUN IN HOLE
12:48	1.53	COIL	RGU			0		TAG PLUG 53 AT 21,203' CTM CTP 6297 WHP 3804 RATE 3.6 BPM RETURNS 3.6 BPM MILL TIME 04 MIN. STALLS 0 WOB +1 FR = .16 PoP / NANO BEADS = .25 INCREASE RATE TO 3.8 BPM IN / OUT CTP 6700 WHP 3700 CONT. RUN IN HOLE
14:20	1.18	COIL	RGU			0		TAG PLUG 54 AT 21,347' CTM CTP 6757 WHP 3779 RATE 3.8 BPM RETURNS 3.8 BPM STALL MOTOR SHUT DOWN PUMP / POOH PUMP @ 1 BPM CTO 6000 WHP3750 UNABLE TO FREE MOTOR/BIT. PUMP 10 BBL PoP SWEEP WORK PIPE BETWEEN -10K AND 10K OVER / NO MOVEMENT DUMP PLUG CATCHER X2 / NO MOVEMENT. NOTIFY CUDD /SHELL ENGINEERS. RELAX PIPE TO NEUTRAL WT. INCREASE PUMP RATE IN 0.5 BPM INCREMENTS MOTOR FREED @ 2.5 BPM / 7000 PSI
15:31	0.57	COIL	RGU			0		POOH TO 21,245' CTM PUMP 10 BBL 80 VISC.GEL SWEEP AND WAIT TO EXIT EOT.
16:05	0.97	COIL	RGU			0		RIH FROM 21,245' CTM CT 6600 WH 3775 RATE 3.8 BPM

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Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
								RETURNS 3.8 BPM FR = .16 PoP / NANO BEADS = .25
17:03	1.45	COIL	RGU			0		TAG PLUG 54 AT 21,349' CTM CTP 6687 WHP 3765 RATE 3.8 BPM RETURNS 3.8 BPM MILL TIME 02 MIN. STALLS 0 WOB +1 FR = .16 PoP / NANO BEADS = .25 INCREASE RATE TO 3.8 BPM IN / OUT CTP 6700 WHP 3700 CONT. RUN IN HOLE
18:30	0.50	COIL	RGU			0		21,465' CTM CTP 6600 PSI WHP 3700 PSI SAFETY MTG. / JSA REVIEWS / CREW CHANGE CONT. RIH
19:00	0.13	COIL	RGU			0		Crew Change, continue RIH.
19:08	2.37	COIL	RGU			0		TAG PLUG 55 AT 21,528' CTM, Depth Offset = 77 ft CTP 6700 psi WHP 3771 psi RATE 3.8 BPM RETURNS 3.8 BPM MILL TIME 05 MIN. STALLS 0 WOB +1 FR = .16 PoP / NANO BEADS = .25 CONT. RUN IN HOLE
21:30	2.50	COIL	RGU			0		TAG PLUG 56 AT 21,705' CTM, Depth Offset = 78 ft CTP 6657 psi WHP 3762 psi RATE 3.8 BPM RETURNS 3.8 BPM MILL TIME 07 MIN. STALLS 0 WOB +1 FR = .16 PoP / NANO BEADS = .25 CONT. RUN IN HOLE
Total	24.00							

06.00 Update

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Description
0:00	0.28	COIL	RGU			0	Continue RIH to the next plug.
0:17	2.67	COIL	RGU			0	TAG PLUG 57 AT 21,817' CTM, Depth Offset = 12 ft CTP 6421 psi WHP 3729 psi RATE 3.5 BPM RETURNS 3.5 BPM MILL TIME 07 MIN. STALLS 0 WOB +1 FR = .16 PoP / NANO BEADS = .25 CONT. RUN IN HOLE
2:57	0.37	COIL	RGU			0	TAG PLUG 58 AT 22,042' CTM, Depth Offset = 62 ft

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06.00 Update

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Description
							CTP 6350 psi WHP 3708 psi RATE 3.5 BPM RETURNS 3.5 BPM MILL TIME 05 MIN. STALLS 0 WOB +1 FR = .16 PoP / NANO BEADS = .25 Pump a 10-10-10 sweep (Red) at 3:03 CONT. RUN IN HOLE
3:19	0.68	COIL	RGU			0	Reached target depth of 22,062', which is 20' below the last plug. Wait for sweep to exit CT before POOH.
4:00		COIL	RGU			0	Pull back to surface. Pick up weight is 57-klb. Depth: 22,062' CTP: 6249 psi WH: 3704 psi Rate: 3.5 bpm