

EP WELLS DAILY OPERATIONS REPORT

Report 58

09/11/2017

Company	PERMIAN
Well Type	Development
Well	UNIVERSITY 19 PW UNIT 1504H
Wellbore	UNIVERSITY 19 PW UNIT 1504H ST01
WBS No/API No	30265014 / 4230133171.01

Event Summary

Event Type	Completion only	Event Start Date	04/28/2017	Days on Location	57.00
Objective	Install Completion	Original Spud Date	02/02/2017		
Est. Days	25.00	Contractor	PERMIAN WELL SVC		
Work Unit	PERMIAN COMPLETIONS	Days To Release			
		Rig Phone/FAX No.			

Well Status

Supervisor	MORGAN / BRET OLDENCAMP	Measured Depth(ft)	
Engineer	Bobby Ramos	TVD(ft)	
Other Supervisor	MIKE REBER	24 Hr Progress(ft)	
Depth Ref/Grd Elev/Water Depth(ft)	DFE: 2,761.75 / 2,736.10	Hole size(in)	
THF Datum			
Daily NPT(hr/%)	4.92/37.82	Last Casing MD	
Days Ahd(-) Bhnd(+)(50/50)		Next Casing MD	
Actual cost to date/AFE	5,448,565/4,757,442.00	Current MW / BH EMW(ppg)	/
Actual divided by AFE	1.15	LOT/FIT EMW(ppg)	
Daily Cost	81,451	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:							
404 man hours							
42 driving 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	56

Operations Summary

24 Hour Summary
Move over from 1505H at 11 a.m., NPT manlift, move over injector/bop/lube, MU BHA #!, test, RIH, drill plugs #1-#9
Update Since Report Time
24 Hour Forecast

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Wellbore UNIVERSITY 19 PW UNIT 1504H ST01

Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
11:00	1.42	COIL	RGU			0		START RIGGING UP COIL BHA CUT PIPE PUT DIMPLE CONNECTOR ON, PULL TESTED 30,000 LBS PRESSURE TESTED 2500 PSI
12:25	4.92	COIL	RGU			1		***NPT SUNBELT MAN LIFT WONT RUN WAIT ON MECHANIC MECHANIC SHOWED UP AT 16:20
17:20	0.92	COIL	RGU			0		***END NPT UN FLANGE BOP'S AND FLANGE UP BOP'S PUT NIGHT CAP ON OTHER WELL 17:30 Nights safety meeting, make plan, discuss hazard identification, discuss pressure testing, drops from injector, bleed off procedure, open well process, reiew JSA's and open permits
18:15	1.25	COIL	PPW			0		MU guywire package, zero counter, PAUSE, walk all lines and check every valve, check equipment, valves oriented, roll on pumps and break circulation to gas buster, 9 questions for safe pressure test, shut choke manifold and clear no go, check pressure on b-section 3,750 psi, pressure test as follows, TTS has inflow pressure test charts for dual back pressure valves - 300 psi / low / 5 min / SD - Bottom Bowen above Quad BOP's leaking, bleed, BD and change o-ring, re-start low test - 400 psi / low / 5 min / good test - 8,500 psi (stalls approximate 8,000 psi) / high / 10 min / good test
19:30	2.83	COIL	CTR			0		19:30 Bleed pressure to 3,750 psi, open UFV 31 turns and confirm, well equalized at 3,700 psi 20:36 Weight check 5,000' / PU 13.5K / RIH weight -4K / 1.0 in 1.0 out / 4,800 CP / 4,000 WH / RIH 100 ft/m / no gas / continue RIH to top of liner weight check 21:34 Weight check 11,000' / PU 30K / RIH weight 13K / 2.0 in 2.0 out / 6,000 CP / 3,900 WH, RIH 35 ft/min through build section NOTE: CP Pressure running high, will proceed with drilling at 2.75 bpm / 6,900 CP / 3,700 WH, currently mixing FR at .25 gal / 10 bbls, will send 5 bbl 100 cp gel sweep every 4 plugs while at 2.75 bpm.
22:20	1.67	COIL	MIL			0		22:20 Plug #1 is no show / no tag / WLM depth was 11,956' 22:27 Tag plug #2 at 12,112' / 3 min / 2.75 in 2.75 out / 6,900 CP / 3,700 WH 22:37 Tag plug #3 at 12,283' / 2 min / 2.75 in 2.75 out / 7,000 CP / 3,700 WH Pump 5 bbl / 100 cp gel sweep / plan to send one every 4 plugs while at 2.75 bpm 22:49 Tag plug #4 at 12,461' / 4 min / 2.75 in 2.75 out / 6,700 CP / 3,500 WH Bring rate to 3.0 bpm / 7,000 CP / 3,500 WH / Continue mix FR at .25 / 10 bbls 22:59 Tag plug #5 at 12,639' / 4 min / 3.0 in 3.0 out / 7,100 CP / 3,500 WH 23:13 Tag plug #6 at 12,809' / 4 min / 3.0 in 3.0 out / 6,900 CP / 3,400 WH 23:29 Tag plug #7 at 12,992' / 2 min / 3.0 in 3.0 out / 7,000 CP / 3,300 WH Pump 5 bbl / 100 cp gel sweep 23:45 Tag plug #8 at 13,174' / 2 min / 3.0 in 3.0 out / 6,900 CP / 3,300 WH 23:56 Tag plug #9 at 13,353' / 2 min / 3.0 in 3.0 out / 7,200 CP / 3,300 WH / RIH weight 15K Continue RIH from 13,370' at report time
Total	13.00							

06.00 Update

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Description
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06.00 Update

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Description
0:00		COIL	MIL			0	<p>00:12 Tag plug #10 at 13,523' / 2 min / 3.0 in 3.0 out / 7,000 CP / 3,300 WH</p> <p>00:25 Tag plug #11 at 13,744' / 3 min / 3.0 in 3.0 out / 6,800 CP / 3,200 WH / RIH weight 15K</p> <p>00:37 Tag plug #12 at 13,880' / 4 min / 3.0 in 3.0 out / 6,700 CP / 3,200 WH</p> <p>Pump 5 bbl gel sweep / pump 5 bbl sweep of POP / start dribble POP in at .25 gal/10 bbls</p> <p>00:59 Tag plug #13 at 14,059' / 2 min / 3.0 in 3.0 out / 6,900 CP / 3,100 WH</p> <p>Wiper (200') / Weight check (PU 43.4K)</p> <p>01:10 POOH from 14,092' for 200' wiper and weight check, chase 5 bbl 100 cp gel sweep, PU weight 43.4K (2,000 psi hydraulic / 21.7 # / psi factor), weight consistent, no drag / 3.0 in 3.0 out / 6,700 CP / 3,200 WH / RIH weight before wiper was 16K</p> <p>01:18 RIH from 13,892' / 3.0 in 3.0 out / 6,700 CP / 3,200 WH / RIH weight 14K / FR .22 gal / 10 bbl, dribble in POP at .25 gal / 10 bbls, RIH to plug #14</p> <p>01:35 Tag plug #14 at 14,239' / 2 min / 3.0 in 3.0 out / 7,100 CP / 3,200 WH</p>

NPT Summary

Start Date/Time	Responsible Company	NPT Code	Failure MD (ft)	Ops Code	Type*	Equipment Type	Net time (hr)	Gross time (hr)	Severity	Status
09/11/2017 12:25	SUNBELT RENTALS INDUSTRIAL SERVICES	Wait On Personnel		RGU	N		4.92	4.92		OPEN
Description: WAITING ON MECHANIC						Title: WOP				
Total							4.92	4.92		