

EP WELLS DAILY OPERATIONS REPORT

Report 34

12/02/2017

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	34.00
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 / Eric Brunet	Measured Depth(ft)	
Engineer	Alex Villegas	TVD(ft)	
Other Supervisor	Casey Gregersen	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	3,668,757/4,377,702.00	Current MW / BH EMW(ppg)	/
Actual divided by AFE	0.84	LOT/FIT EMW(ppg)	
Daily Cost	32,142	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:							
326 man hours							
46 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	33

Operations Summary

24 Hour Summary
R/U and run gauge ring followed by 7" packer at center of element 10,991', bump up, bleed, RD lube, RD tools, RD WL, RD BOP, RD FMC FV and flow cross, grease LFV, pressure test same
Update Since Report Time
24 Hour Forecast
Load out FV and flow cross x5, load out Koomey x2, load out hose package

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Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
0:00	0.25	WINF	RGU			0		Finish rigging up on new well. Pick up BHA for gauge ring run.
0:15	0.50	WINF	DRF			0		Pressure test BOPs. 5 min 500 psi low test, 10 min 8000 psi high test. Both good tests.
0:45	1.67	WINF	DRF			0		RIH hole with 6.01" gauge ring. Some drag seen but able to get down and tag liner top. Corrected +35' '. LT at 11,069'. POOH.
2:25	0.92	WINF	DRF			0		Shut in well with 4000 psi. Lay down gauge ring and junk basket. Pick up packer BHA and stab lubricator.
3:20	0.42	WINF	SPB			0		Fill lubricator and test BOPs to 5000 psi. Good test.
3:45	2.00	WINF	SPB			0		Open well at 4000 psi and run in hole to LT.
5:45	0.25	WINF	SPB			0		Set packer. Center of element at 10,991'. Tension at 2160lbs and dropped to 1450 lbs. Packer set sucessfully as follows Description (University 19 PW 1406H) OD ID Lngth Depth "TOP OF ON-OFF TOOL GUDGEON 2.313 X PROFILE IN ON/OFF GUDGEON" 3.00 2.313 1.7 10,986.65 TOP OF PACKER (2.65' FT. FROM TOP OF PACKER TO CENTER ELEMENT) 2.313 2.65 10,988.35 Center Element 6.00 2.441 10,991.00 Center Element to bottom of packer 4.54 2 7/8" 6.5# EUE 8RD PUP JOINT 10' 2.875 10.08 10,995.54 "HES LANDING NIPPLE PN:100007448 3.260 2.205 PROFILE 2.313 ""X"" WITH 2.205"" ""NO-GO"" XN NIPPLE 9,200 PSI SN#: 3926342-04" 3.22 2.205 1.39 11,005.62 2 7/8" 6.5# EUE 8RD PUP JOINT 10' 2.875 2.441 10.08 11,007.01 "2 7/8"" BOX x MS 15K MAGNUM DUAL BURST DISK SUB 4.250 2.500 PN: 01.IXDA.278.8EBP LOT: 210567.10 WITH ENTRY GUIDE/---39 PINS, ACTUAL SHEAR-6,813 PSI" 4.25 2.438 1.92 11,017.09 End of BHA (total length 32.36') 11,019.01
6:00	1.00	WINF	SPB			0		POOH. BD well to 0 psi 9 bbls bled back. Perform 30 negative test on well good test
7:00	0.50	WINF	SPB			0		OOH with W/L secure well close lower master
7:30	0.25	WINF	SPB			0		Pause review 12 question for safe lift and safe work strategy.
7:45	2.75	WINF	SPB			0		LD lubricator package, BD HALCO setting sleeve and bleed same, BD greasehead, rack lube on truck, RD WL unit and road to yard, move out Fesco grease package and road to yard. 08:30 Cameron on location, start greasing LFV's in preparation for run new completion. 08:45 Extreme start BD restraints, BD 2" risers off well's and flowback tanks, rack 2" on trailer, load out 2" choke manifold 09:15 Fesco crane and torque/test rigging down FMC flowcross and FV's to ground, will load out FMC equipment to yard tomorrow morning (unable to get trucks) 09:45 Hotshot on location, load out (5) 4" swab valves x 7" flange to FMC yard.
10:30	4.50	WINF	SPB			0		Cameron hot shot on location, load out 7" 10K FV and 7" tubing spool, FMC on location, continue RD hydraulic hoses off 3" HCR, roll and organize for load out tommorrow, koomeys bled off and ready for loading in morning.

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								<p>13:15 Continue BD FV and flow cross, install nightcap with needle valve, grease, and prep to pressure test.</p> <p>15:00 Ask Fesco to deadhead pump, pump leaking off through check valve, Fesco torque package continues to RD last FV and flow cross on 1407H and will torque nightcap and needle</p> <p>NOTE: Call Pro to bring test pump out to location to pressure test LFV's.</p>
15:00	4.92	WINF	SPB			0		<p>Continue RD frac stack and MU night caps, continue grease FV.</p> <p>16:15 Continue grease LFV, stretch out and confirm lay flat hose from 3 x 4 booster will reach pump, circle outside edges of location and PU pallets and trash, PU bolts and nuts around wellheads, throw away sand bags around wellheads</p> <p>17:00 Pro on location, start pressure testing (5) nightcaps / 300 psi low 5 min / 9,800 psi high 10 min</p> <p>19:55 Pro completed testing LFV, needle valves and 7" nightcaps as follows -400 psi low / 5 min / good test -9,800 psi high / 10 min / good test SD for night / will load out in morning FMC</p>
19:55	0.08	WINF	SPB			0		SDFN, no activity, all wells tested and secure
20:00	4.00	WINF	SPB			0		No activity
Total	24.00							