

EP WELLS DAILY OPERATIONS REPORT

Report 1

10/31/2017

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	1.00
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	Mike Johnson	Measured Depth(ft)	
Engineer	Bobby Ramos	TVD(ft)	
Other Supervisor	Mike Reber	24 Hr Progress(ft)	
Depth Ref/Grd Elev/Water Depth(ft)	DFE: 2,800.10 / 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	96,231/5,029,301.00	Current MW / BH EMW(ppg)	/
Actual divided by AFE	0.02	LOT/FIT EMW(ppg)	
Daily Cost	96,231	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:						
377 man hours						
46 drive hours						

Drills

Drill Category	Drill Type	Detection (sec)	Complete (sec)	Crew drilled	Pass / Fail	PIC	Comments
Coiled Tubing	Coil leak downstream of Injector	15.00	129.00	Night	Pass	Mike Reber	Crew mustered

Operations Summary

24 Hour Summary
Equip on location 0945, RU, test BOP's, MU (2) 7" swab valves, stab BOP's, test 9500, PU injector, tools and function test at report time
Update Since Report Time
MU bowen, test to 8200 psi, open well and RIH
24 Hour Forecast
On bottom at 20,844', circulate gel pill, PU and establish injection rate, spot 500 gal of acid, inject acid at 4.25 bpm/8,000 psi, POOH

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Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
0:00	9.75	COIL	CTR			0		No activity, CT equipment roading over from Johnson pad
9:45	0.25	COIL	CTR			0		CT equipment, Emerald surf, and park to side
10:00	0.25	COIL	CTR			0		Safety meeting, discuss RU, equipment layout, backing with spotters, drops, suspended loads, pressure testing BOP's, review JSA's and open permits
10:15	1.75	COIL	CTR			0		Spot in CT equip, move in pump, 1502 agreement and no go temp pipe, rig in pump iron
12:00	1.50	COIL	CTR			0		Crane on location, spot in and set pads
13:30	0.25	COIL	CTR			0		PAUSE, make plan to set anchors and proceed with same
13:45	1.00	COIL	CTR			0		Break 7" nightcaps, stab and torque 7" swab valves
14:45	3.25	COIL	CTR			0		Start testing Quad BOP's, 4 tests, inners and outers and flowcross and killports Nights safety meeting, review RU BOP's, lube, tools, pressure testing, UnCAAP, supervisor leading meetings, review JSA's and open permits
18:00	0.50	COIL	CTR			0		BOP testing complete, PAUSE, 12 questions for safe lift, make plan, lift BOP's over to 7" 10K x 5" 15K xover, MU hand tight, lift to well, SD, lift is far, not enough hose package, move wet kit closer, pull lube rack over to other side and will make up lube there (No NPT)
18:30	2.50	COIL	CTR			0		Stab BOP's and start torque same
21:00	0.75	COIL	CTR			0		BOP's and xover torqued, PAUSE, 13 questions for safe pressure testing, walk lines and confirm valve orientation, close blind rams on quads and close swab valve on 0903H, pressure test through 2" 350 psi / 5 min / low test - good test, 9,500 psi / 10 min / high test - good test
21:45	2.00	COIL	CTR			0		PU injector, sniff CT and area, open hot work permit, dress CT and install dimple on, pull test 40K, finish fill pipe, pressure test 4,500 psi, good test NOTE: Drift all tools and gauge mill at 3.80"
23:45	0.25	COIL	CTR			0		Lift injector and MU 30' of 5-1/8" lube at report time
Total	24.00							

06.00 Update

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Description
0:00	1.25	COIL	CTR			0	5-1/8" lube MU, MU TTS sand perf BHA #! as follows TTS Sand Perforating BHA #1 (pull tested 40K, pressure tested 3,000 psi and final MU as follows) NOTE: All tools drifted with 3/4" ball, 5/8" ball and 9/16" ball / Confirm gauge on 3.80" concave mill -2.88" OD 0.80' long dimple on CT connector -2.88" OD 1.41' long Dual Back Pressure Valve -2.88" OD 4.63' long Hailey jar -2.88" OD 2.24' long Hydraulic Disconnect (.75" ball) -2.88" OD 4.08' long Nitro Tuff Bypassing Abrasive Perforator (9/16" open / 5/8" close) -2.88" OD 2.23' long XRV G3 -2.88" OD 13.73' long Titan Mud Lube Motor w Power Plus 4.7 -3.80" OD 1.0' long Junk Mill Concave Total length = 30.12' Function test 2.88" motor as follows 1 bpm / 500 psi 2 bpm / 1,500 psi 3.5 bpm / 4,000 psi Pull tools into lube, swing and stab same

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06.00 Update

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Description
1:15	0.50	COIL	CTR			0	Attach guywire package after injector is up
1:45	0.50	COIL	CTR			0	PAUSE, walk lines and confirm valve orientation, start low pressure test, SD, 4:1 deboosters is not reading WH pressure, MU rebuilt deboosters on flow cross on BOP's, re-start low pressure test, SD, weep hole leaking on de-boosters, start NPT
2:15	0.75	COIL	CTR			0	Rebuild deboosters and replace on flow cross
3:00	0.75	COIL	CTR			0	Pressure test 350 psi / 5 min / low, 8,300 psi / 10 min / high, good test
3:45	2.25	COIL	CTR			0	Open well, equalized at 3,600 psi, RIH rolling pump over at 1 bpm, 9,400' current depth at crew change. 05:30 Days safety meeting, review plan, UnCAAP, open JSA's and open permits