

EP WELLS DAILY OPERATIONS REPORT

Report 10

05/28/2017

Company PERMIAN
 Well Type Development
 Well UNIVERSITY 19 PW UNIT 1503H
 Wellbore UNIVERSITY 19 PW UNIT 1503H
 WBS No/API No 30265013 / 4230133170

Event Summary

Event Type	Completion only	Event Start Date	04/28/2017	Days on Location	9.00
Objective	Install Completion	Original Spud Date	01/29/2017		
Est. Days	25.00	Contractor	PERMIAN WELL SVC		
Work Unit	PERMIAN COMPLETIONS	Days To Release			
		Rig Phone/FAX No.			

Well Status

Supervisor	Nick Morrison / Scott Wallace	Measured Depth(ft)	
Engineer	Justin Midgley	TVD(ft)	
Other Supervisor	Tommy Hurdle	24 Hr Progress(ft)	
Depth Ref/Grd Elev/Water Depth(ft)	DFE: 2,761.85 / 2,736.20	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	243,483/4,184,415.00	Current MW / BH EMW(ppg)	/
Actual divided by AFE	0.06	LOT/FIT EMW(ppg)	
Daily Cost	20,701	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)	6

Safety Comments:

Total People - 101
 Total Hours Worked - 1201
 Total Hours driven - 198

Gaol Zero Day 3

HSE Drills

Drills/Tests	Date	Days Since Last	JSA's/Toolbox Talks Days Since Last Drill	
Last Derrick Inspection Last BOP function test Last BOP Test Next BOP Test			8	

Operations Summary

24 Hour Summary
R/U and test pump down iron. Troubleshoot and repair communication issues. M/U WL BOP and function test.
Update Since Report Time
24 Hour Forecast
Start frac ops

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Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
0:00	6.50	FRAC	RIF			0		Finish R/U risers to well head and iron to the frac manifold. Setup restraints. M/U WL lubricator and attach grease head.
6:30	0.50	FRAC	RIF			0		Held Pre-Tower Safety Meeting.
7:00	11.50	FRAC	RIF			0		Continue R/U risers to well head and iron to the frac manifold. Install restraints. M/U WL lubricator and attach grease head. R/U WL pump down trucks and iron, install restraints. Grease crown valve, hydraulic valve, upper and lower master valve, hydraulic wing valve.
18:30	0.50	FRAC	RIF			0		Held pre tower safety meeting
19:00	1.75	FRAC	SAF			0		Pressure test WL pump down lines 500 psi for 5 min low and 8,100 psi for 10 min High. Held onboarding orientation with new Keane night crew.
20:45	3.25	FRAC	FRT			0		Remove WL BOP from transport stand. Hook up all hydraulic hoses and function tested WL BOP. Test Good. Placed WL BOP's on top of the 1503 well. Frac made fixed communication issues with frac van. Walked chemical and FR lines to ensure they were setup properly. Swapped out transducer on iron.
Total	24.00							

06.00 Update

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Description
0:00	2.33	FRAC	FRT			0	Verified valve alignment. Broke circulation with each pump to gas buster. Tested each pump. Pressure tested frac iron. Found small leak in the iron. Bled off pressure changed out o-ring in the chicksan. Hammered back up and installed restraint.
2:20	0.33	FRAC	FRT			0	Walked pressure up to 9600 psi to verify no leaks. Confirmed no leaks were present. Bled off pressure to zero.
2:40	0.42	FRAC	FRT			0	Pressure test low 1000 psi for 5 minutes. While holding the 9800 high a small drip was noticed on the 1505H on the flowcross flange to 3" flowback iron. Also, a small drip was discovered on a riser on the 1503H. Bled off pressure to zero.
3:05	1.42	FRAC	FRT			0	Changed out o-ring on a 1503H riser. Checked and torqued up the the outside flanges on the flow cross onthe 1505H and 1504H.
4:30	1.00	FRAC	FRT			0	Pressured up to 9500 psi. Noticed that the 1503H riser was still leaking after changing the o-ring. Bled off pressure and changed the 10' joint on the 1503H riser.
5:30		FRAC	FRT			0	Break circulation to gas buster. Pressure test low 1000 psi for 5 min and high 9800 psi for 10 min.