

## EP WELLS DAILY OPERATIONS REPORT

Report 12

04/28/2017

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	12.00
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	W. Garver/ E. Huls	Measured Depth(ft)	
Engineer	ALEJANDRO VILEGAS	TVD(ft)	
Other Supervisor	T. Hurdle	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/%)	24.00/100.00	Last Casing MD	
Days Ahd(-) Bhnd(+)(50/50)		Next Casing MD	
Actual cost to date/AFE	465,259/5,609,575.00	Current MW / BH EMW(ppg)	/
Actual divided by AFE	0.08	LOT/FIT EMW(ppg)	
Daily Cost	24,598	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 <b>GOAL ZERO DAYS</b> <b>PS BARRIER EVENT</b> <b>PS barrier bowtie review</b>			TRCF LWCF Safety Cards - Safe Safety Card - Unsafe SSE% Last casing pressure(psi)	5
Safety Comments:							
Total Employees - 88 Total Man Hours - 1056 Total Driving Hours - 101							

## 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	11

## Operations Summary

24 Hour Summary
R/U frac equipment. Discovered leak on frac manifold. ***NPT - GE - 24 hours, waiting on spare valves for manifold***. Perforated stage 2
Update Since Report Time
N/U frac valves on manifold
24 Hour Forecast
R/U frac manifold and Continue Frac Ops

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Well UNIVERSITY 19 PW UNIT 1507H  
Wellbore UNIVERSITY 19 PW UNIT 1507H

## Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
0:00	14.47	FRAC	FRP			1		***NPT GE - Rig up zipper manifold and found leak. Waiting on replacement valves. 24 hours of NPT 0000 - 0000
14:28	0.28	FRAC	WLT			1		Function test WL BOPs
14:45	0.75	FRAC	MNW			1		Troubleshoot leak on zipper manifold
15:30	0.67	FRAC	FRP			1		Rig down frac risers on 1507H and 1508H wells
16:10	0.33	FRAC	FWL			1		Attach WL BOPs
16:30	0.33	FRAC	FWL			1		PU lubricator, MU guns, and PU guns
16:50	0.08	FRAC	FWL			1		Stab Lubricator
16:55	2.08	FRAC	FWL			1		Pressure test lubricator, flowback, and pump down iron. Opened Well @ 3500 psi.
19:00	4.75	FRAC	WLT			1		"Stage #2 Plug and Perf RIH with (4) 1' Keane guns: 2.75" OD HSC at 6SPF with 60* phased perforating guns and Downhole Technology Boss Hog composite frac plug. Tie into liner top @10911. Bring on pumps at 11400'. Pump down as follows: 3bpm @ 3800psi @11400 6bpm @ 4400psi @11600 10bpm @ 6400psi @11900 11bpm w/ 6600psi @16200 Max rate and pressure was 11bpm w/ 7200psi  Set plug @ 21940ft Perforate as follows: 21936' - 21937' 21915' - 21916' 21871' - 21872' 21827' - 21828' Stabilized pressure after perf: 4800psi Pump down volume: 430bbl" Logged well while POOH nd mic new WL every 1000' in the lateral and every 2000' in vertical.
23:45	0.25	FRAC	WLT			1		Shut in well at 3800 psi. Bled off pressure. Broke connector to move BOP's. Confirmed all shots fired. Dropped ball. Installed nightcap and closed crown valve. Moved WL BOPs to the 1508H well. Greased LMV, took 7 minutes. L/D lubricator in preparation to install frac valves on manifold.
<b>Total</b>	<b>24.00</b>							

## 06.00 Update

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Description
0:00		FRAC	FRT			1	***NPT on GE*** R/U frac manifold valves

## 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
04/28/2017 19:00	GE OIL AND GAS PRESSURE CONTROL LP	Wait On Equipment		WLT	N		0.00	0.00		OPEN
<b>Description:</b> WAITING ON REPLACEMENT PARTS FOR LEAKING MANIFOLD						<b>Title:</b> WOE				
							<b>Total</b>	<b>0.00</b>	<b>0.00</b>	