EP WELLS DAILY OPERATIONS REPORT

Report 1 04/17/2017

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	1.00
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	MORGAN	Measured Depth(ft)	
Engineer	ALEJANDRO VILEGAS	TVD(ft)	
Other Supervisor	MIKE JOHNSON	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/%)	0/0	Last Casing MD	
Days Ahd(-) Bhnd(+)(50/50)		Next Casing MD	
Actual cost to date/AFE	33,828/5,609,575.00	Current MW / BH EMW(ppg)	/
Actual divided by AFE	0.01	LOT/FIT EMW(ppg)	
Daily Cost	33,828	Lithology	
		Formation/MD Top	

HSE Summary

Last Incident	Date	Days	Last Incident	Date	Days	KPI's	
LWC			PSI			TRCF	
RWC			NII			LWCF	
MTC			HPI			Safety Cards - Safe	
FAC			**GOAL ZERO DAYS**			Safety Card - Unsafe	
Last casing pressure test			**PS BARRIER EVENT**			SSE%	
			PS barrier bowtie review			Last casing pressure(psi)	

Safety Comments:

7 JSA'S,
6 SAFE WORK PERMITS
31 EE'S

HSE Drills

Drills/Tests	Date	Days Since Last		
Last Derrick Inspection			JSA's/Toolbox Talks	7
Last BOP function test			Days Since Last Drill	
Last BOP Test				
Next BOP Test				

Operations Summary

24 Hour Summary

FRAC PRE WORK

Update Since Report Time

RIGGING UP FLOWBACK EQUIP.

24 Hour Forecast

TOE PREP

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Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
7:00	0.50	PREW	RUF			0		SAFETY MEETING
7:30	9.33	PREW	RUF			0		RIG UP FRAC VALVES
16:50	0.67	PREW	RUF			0		PRESSURE TEST 400 PSI LOW AND 9900 PSI HIGH HAD LEAKING GREASE WE REPLACED THEM
17:30	2.42	PREW	RUF			0		SAFETY MEETING
19:55	4.08	PREW	RUF			0		MOVE IN RIG UP FLOWBACK EQUIP.
Total	**17.00**							

06.00 Update

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Description
0:00		PREW	RUF			0	MOVE IN RIG UP FLOWBACK EQUIP.

Bit Details

Bit no.	Size (in)	Manufacturer	Model no.	Class	IADC code	Serial no.	Size (32nd")	MD in (ft)	MD out (ft)	IADC Dull Grade
6	6.125	BAKER HUGHES	TD405FX			7161725	5x16	13,753.00		- - - - - -

Bit Operations

MD (ft)	WOB Min/Max (kip)	Current RPM (rpm)	Flow rate (gpm)	SPP (psi)	P bit (psi)	% @ Bit	HHP (hp)	Hours (hr)	Footage (ft)	ROP (ft/hr)	Hours cum (hr)	Footage cum. (ft)	ROP cum. (ft/hr)

Drillstring Components

Item description	# Jts	Length (ft)	OD (in)	Max OD (in)	ID (in)	Connection Name	Weight (ppf)	Grade	Serial no.
4" DRILL PIPE	522	0.00	4.000		3.340	XT-39			RIG
5" SHOCK SUB	1	11.15	5.010			XT-39			W1885763
4" DRILL PIPE	64	2,871.92	4.000		3.340	XT-39			RIG
5" AGITATOR SHOCK SUB COMBO	1	23.22	5.020		2.000	XT-39			ASA500014
4" DRILL PIPE	36	1,612.11	4.000		3.340	XT-39			RIG
6" DOGLEG REAMER	1	4.30	5.700			XT-39			B1/A204231
4" DRILL PIPE	2	89.59	4.000		3.340	XT-39			RIG
X-O SUB	1	2.06	5.070		2.500	XT-39			DR14249
FLOAT SUB	1	2.12	4.510		1.800	3 1/2 IF			FS47552
SCREEN SUB	1	3.70	4.810		4.250	3 1/2 IF			DR31950
NMDC	1	29.03	4.530		2.625	3 1/2 IF			NESNM475559
475 GAP SUB ASSY DBL SEAL PHX VELOCITY	1	3.77	5.200		2.880	3 1/2 IF			VG475099PTS
475 CENTRALIZER COLLAR VELOCITY	1	8.35	5.200		3.630	4.3 ACME			VC475029
475 LANDING SUB ASSY VELOCITY	1	3.42	5.050		3.140	4.3 ACME			VL475046
475 X-O SUB VELOCITY	1	1.18	4.750		2.660	3 1/2 IF			VX475030
NON MAG PONY COLLAR	1	14.40	4.700		2.625	3 1/2 IF			NESPC475436

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Drillstring Components

Item description	# Jts	Length (ft)	OD (in)	Max OD (in)	ID (in)	Connection Name	Weight (ppf)	Grade	Serial no.
MUD MOTOR 500 NOV 513 FBH LOBE 6/7. STAGE 6.4. SET @	1	25.88	5.370			3 1/2 IF			24XH-513031-PTS
BIT# 6 RUN# 1 6.125" BAKER TD405FX (5X16's) SN: 7161725	1	1.17	6.125	6.125		3 1/2 REG			7161725

Drillstring Details

Date/Time in	Date/Time out	BHA no.	BHA Length (ft)	Min. ID (in)	Purpose
03/16/2017 22:00		6	133.75		DRILL 6.125" PRODUCTION SECTION