EP WELLS DAILY OPERATIONS REPORT

Report 8 04/24/2017

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	8.00
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	TONY STEELE/MORGAN	Measured Depth(ft)	
Engineer	ALEJANDRO VILEGAS	TVD(ft)	
Other Supervisor	CHRIS HARPER/CASEY GREGERSEN	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	378,526/5,609,575.00	Current MW / BH EMW(ppg)	/
Actual divided by AFE	0.07	LOT/FIT EMW(ppg)	
Daily Cost	19,311	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:

HSE Drills

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

Operations Summary

24 Hour Summary

Update Since Report Time

WAIT ON OTHER PAD OPS

24 Hour Forecast

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Time Summary

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Rig Rate	Description
0:01	6.48	PREW	RUF			0		CONTINUE FRAC RU. 7" CASING PSI = 4350 PSI 9-5/8"X7" ANNULUS PSI =50 PSI
6:30	17.48	PREW	RUF			0		WAIT ON OTHER PAD OPS.
Total	**23.97**							

06.00 Update

Start	Hours	PH	OPN	Detail	Drilled Depth (ft)	NPT level	Description
0:01		PREW	RUF			0	WAIT ON OTHER PAD OPS.

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
04/24/2017 06:30	GE OIL AND GAS PRESSURE CONTROL LP	Stimulation		RUF	EN	High Pressure Pipework	0.00	0.00		OPEN

Description: LEAKS ON ZIPPER MANIFOLD RIG DOWN AND WAIT ON REPAIRS **Title:** LEAKS

Total 0.00 0.00

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

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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.
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
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