Daily Drilling Report Onshore

EP ENERGY

Data shared on this report is CONFIDENTIAL

Well Name/Wellbore No.: UNIVERSITY WEST 0504CH/01
Country: USA
State/OCSG: TEXAS
Field/Permit#: WOLFCAMP WEST
Supervisors: DANNY RICHMOND / ROBERT HARPE
Engineer/Manager: MOTLEY, DEREK / MARES, SERGIO

Report Number: 027 API #: 4246140574
Report Date: 07/16/2017
Spud Date: 06/25/2017
Release Date:
DFS: 19.98 DOL: 24 AFE Days: 6
Last BOP T.: 07/07/2017

Depth md/tvd (ft): 17,119.03 / 8,270.53
Progress:
ROP: / = 0.00
Proposed TD (ft): 17,140.00
Next Csg Point (ft): 17,119.03

Rig: NABORS DRILLING/888
Rig Phone: 713-997-1160
RKB (ft): 2,836.01
Ground Level (ft): 2,809.0
POB: 0 Total Man Hours: 0.00

Current Activity: RIG RELEASED @ 14:30 HRS 7-15-17
24 Hr Summary: CEMENT PRODUCTION CASING. SET SLIPS AND INSTALL WELLHEAD. RIG RELEASED @ 14:30 HRS 7-15-17.
24 Hr Forecast: WALK RIG TO UW 504 BH.

MUD PROPERTIES

Fluids Co.: HALLIBURTON
Fluids Eng: DANIEL A. MARTINEZ

Time:	22:00	Oil Cnt (%):	69
Location:	JCTION TANK	H2O Cnt (%):	23
Pit Temp:		Sand Cnt (%):	0.01
Depth (ft):	17,119.03	MBT (lbm/bbl):	0.0
Density (ppg):	8.80	pH:	0.0
FV (s/qt):	60	Pm (cc):	0.0
PV (cp):	14	Pf (cc):/Mf (cc):	0.0 / 0.0
YP (lbf/100ft²):	15	Chloride (ppm):	0
Gels ():	9/10/11	Calcium (ppm):	0.00
WL (cc/30min):	6.00	LCM (lbm/bbl):	40.0
HTHP (°F):	250	ES (mV):	841.0
Cake (32nd"):	2.00	LGS (%):	5.10
Solids (lbm/bbl):	51	Ex Lime (ppb):	3.9
ECD (ppg):	9.7	OWR:	74.9 / 25.1

MUD MATERIALS

Mud Additives	Used

BIT RECORD

Bit#		
S/N		
Size (in)		
Mfg		
IADC Type		
Model #		
Jets		
Depth In (ft)		
Depth Out (ft)		
Bit Rotations		
On Btm Hrs Cum		
Footage Cum (ft)		
ROP Cum		
WOB mn/mx (kip)	/	/
RPM rot/bit	/	/
Bit HP		
HSI		
PSI Drop (psi)		
Jet Vel (ft/s)		
Imp Force		

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit #								

CASING

Size(in)	MD(ft)/TVD(ft)	FIT/LOT(ppg)
5.50	17,119.03 / 8,269.02	

INVENTORY

Item	Inv

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens
1	100/100/100/100	
2	100/100/100/100	
3	100/100/100/100	

MUD LOGGING

Trip Gas (units): @	BG Gas (units):	Surf to Surf:
Conn Gas (units) @		Lag Strokes:
Form:	Pore Pressure: (%)	Lag Time: (min)

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:	0.00	0.00	
SPM:	0.00	0.00	
GPM:	0.00	0.00	
SPR:			
1 SPM:	0.00	0.00	
Pressure:	0.00	0.00	
2 SPM:	0.00	0.00	
Pressure:	0.00	0.00	

T GPM (gpm): SPP (psi):
AV (DC): 381 AV (DP): 103

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
16,444	89.19	0.17	8,266	8,574.51	198.10	8,572.63	0.51
16,538	89.75	359.47	8,267	8,668.50	197.80	8,666.62	0.95
16,633	90.38	359.12	8,267	8,763.46	196.63	8,761.62	0.76
16,727	91.63	359.30	8,265	8,857.41	195.34	8,855.59	1.34
16,822	88.44	0.35	8,265	8,952.39	195.05	8,950.58	3.54
16,917	88.75	0.70	8,267	9,047.36	195.92	9,045.55	0.49
17,012	89.25	0.17	8,269	9,142.34	196.64	9,140.53	0.77
17,119	89.25	0.17	8,271	9,249.33	196.96	9,247.52	0.00

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	09:30	3.50	P	CASPRD1	25	PRIMCEM	TEST LINES TO 7K. PUMP 40 BBLS 10# WEIGHTED SPACER. PUMP 475.9 BBLS 10.6 PPG LEAD CMT (835SKS, 3.2 YLD). PUMPED 389 BBLS 14.2 PPG TAIL CMT (1655 SKS, 1.32 YLD). DISPLACED WITH 396 BBLS H20 (FIRST 20 BBLS MIXED WITH C-24L HIGH TEMP RETARDER). BUMPED PLUG 900 PSI OVER F/ 1600-2500 PSI. HELD 5 MIN. 3-1/2 BBLS BLED BACK. 100% RETURNS F/ 0 - 210 BBLS DISPLACED,25% F/ 210 TO 300 BBLS, 10% F/ 300-396 BBLS DISPLACED. CALCULATED TOC @ 1,540'. R/D CEMENT HEAD AND LINES.
09:30	14:30	5.00	P	CASPRD1	29	NDBOPE	N/D BOP. SET SLIPS WITH 110K. CUT EXCESS CASING. INSTALL B-SECTION SPACER AND X-OVER SPOOL AND TEST SEALS TO 4200 PSI. (RIG RELEASE@ 14:30 HRS 7/15/17). (SPUD TO RR = 19.98 DAYS)

Daily Operations Comments
(SPUD WELL @ 15:00 ON 06/25/17).(TOTAL MUD LOSSES- 575 BBLS) (85° 8,395' MD 8,079' TVD) (LATERAL LENGTH 8,724') (SPUD TO RR 19.98 DAYS.)

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