

<div>EP ENERGY</div> <div>Daily Drilling Report Onshore</div>		<div>Well Name/Wellbore No.: UNIVERSITY EAST 4128EH/00</div> <div>Country: USA State/OCSG TEXAS Field/Permit#: WOLFCAMP EAST Supervisors: JOE WILKERSON / JARED FAUST Engineer/Manager: MACAFEE, BRADLEY / MARES, SERGI</div>		<div>Report Number: 008 Report Date: 08/30/2017 Spud Date: 08/26/2017 Release Date: DFS: 3.31 DOL: 7 AFE Days: 6 Last BOP T.: 08/26/2017</div>			
**Data shared on this report is CONFIDENTIAL**							
Depth md/tvd (ft): 14,118.03/ 12,205.32 Progress (ft): 3,752.01 ROP: 3,752.0 / 17.00 = 220.71 Proposed TD (ft): 14,120.50 Next Csg Point (ft): 14,120.03		Rig: NABORS DRILLING/F-34 Rig Phone: 713-997-1205 RKB (ft): 2,660.01 Ground Level (ft): 2,630.0 POB: 22 Total Man Hours: 259.00					
Current Activity: POOH @ 12045' 24 Hr Summary: DRILL LATERAL 10,366' - 12,621', RIG REPAIR, DRILL LATERAL F/ 12,621' -14118' . CIRCULATE HOLE CLEAN. POOH. 24 Hr Forecast: FINISH POOH & LD BHA. RU & RUN PRODUCTION CSG.							
MUD PROPERTIES		MUD MATERIALS		BIT RECORD			
Fluids Co.: HALLIBURTON Fluids Eng: Michael Burkett Time: 7:30 Oil Cnt (%): 69 Location: JCTION TANK H2O Cnt (%): 19 Pit Temp (°F): 121 Sand Cnt (%): 0.01 Depth (ft): 13,348.03 MBT (lbm/bbl): 0.0 Density (ppg): 9.30 pH: 0.0 FV (s/qt): 54 Pm (cc): 0.0 PV (cp): 15 Pf (cc):/Mf (cc): 0.0 / 0.0 YP (lb/100ft²): 11 Chloride (ppm): 0 Gels (l): 11/13/16 Calcium (ppm): 0.00 WL (cc/30min): 5.20 LCM (lbm/bbl): 0.0 HTHP (°F): 250 ES (mV): 522.0 Cake (32nd"): 2.00 LGS (%): 8.60 Solids (lbm/bbl): 78 Ex Lime (ppb): 3.8 ECD (ppg): 10.2 OWR: 78.4 / 21.6		Mud Additives Used BARABLOK 22 LIME 75 TAX 7,787 RHEMOD L 1 INVERMUL 1 MUD ENGINEER 1 CALCIUM CHLORIDE PO 224		Bit# 3 S/N 36886 Size (in) 8.50 Mfg UTERRA IADC Type Model # CF519 Jets 7X20 Depth In (ft) 6,494 Depth Out (ft) Bit Rotations 65/70 On Btm Hrs Cum 30.50 Footage Cum (ft) 7,617 ROP Cum 249.7 WOB mn/mx (kip) / 27 / 38 RPM rot/bit 65 / 70 Bit HP 0.93 HSI 0.43 PSI Drop (psi) 69.23 Jet Vel (ft/s) 91.21 Imp Force 268.33			
MUD LOGGING							
Trip Gas (units): @ Conn Gas (units) @ Form:		BG Gas (units): Pore Pressure: (%) Surf to Surf: Lag Strokes: Lag Time: (min)		Grading I O D L B G O R Bit # Bit # 3			
BHA # 3				STRING LOADS			
Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)		
1	HUGHES T606X		8.500	1.00	1.00		
1	RYAN 1.75" 7/8 6.4 STG FBH (BTS)		6.750	29.78	30.78		
1	PONY DC	3.250	6.625	10.49	41.27		
1	EM TOOL	2.875	6.625	26.23	67.50		
1	NMDC	2.875	6.625	28.30	95.80		
90	5" D.P.	4.276	5.000	2,817.79	2,913.59		
1	AGITATOR	2.500	6.625	13.46	2,927.05		
1	SHOCK SUB	2.500	6.625	11.45	2,938.50		
	5" DP	4.276	5.000	11,179.53	14,118.03		
				Total Length: 14,118.03			
				BHA PROPERTIES			
				BHA Hrs: 17 Jar Hrs: Cum String Hours: 35 Weight B Jars (kip):			
				MUD PUMPS			
				#1 #2 #3			
				Pump Type: DR DR			
				Liner ID: 5.50 5.50			
				SPM: 85.00 85.00			
				GPM: 305.28 305.28			
				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): 305 SPP (psi): 4,300			
				AV (DC): 490 AV (DP): 269			
SURVEYS							
MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
5,213	5.56	89.97	5,125	-120.28	792.57	-120.28	1.04
5,400	3.00	94.19	5,311	-120.63	806.51	-120.63	1.38
5,588	1.25	105.09	5,499	-121.52	813.40	-121.52	0.95
5,776	0.88	109.84	5,687	-122.55	816.74	-122.55	0.20
5,867	3.69	27.92	5,778	-120.20	818.77	-120.20	4.03
5,961	17.13	8.06	5,870	-103.74	822.14	-103.74	14.59
6,055	29.13	7.53	5,957	-67.22	827.10	-67.22	12.77
6,149	39.25	7.18	6,034	-14.89	833.83	-14.89	10.77
OPERATION DETAILS							
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	16:00	10.00	P	DRLPRD	10	DRLLAT	DRILLED LATERAL 10,366'-12,621'.
16:00	17:00	1.00	N	DRLPRD	43	RRTOP	SAVER SUB BACKED OUT OF IBOP ON CONECTION. RETORQUE SUB & CLAMPS.
17:00	00:00	7.00	P	DRLPRD	10	DRLLAT	DRILLED LATERAL 12,621'-14118'. 3.06 DAYS FROM SPUD TO TD - BHL 7902.13N 884.26W
00:00	04:00	4.00	P	DRLPRD	15	CIRC	CIRCULATE HOLE CLEAN, RECIPROCATATE PIPE 90' @ 70 RPM
04:00	06:00	2.00	P	DRLPRD	13	TRIP	FLOW CHECK, PUMP SLUG AND POOH.
Daily Operations Comments UTILIZING DIRECTIONAL PLAN #2. KOP 5,847', 85°@ 6,502'.							