

<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: 007 Report Date: 08/29/2017 Spud Date: 08/26/2017 Release Date: DFS: 2.31 DOL: 6 AFE Days: 6 Last BOP T.: 08/26/2017</div>																																																																																																																			
<div>**Data shared on this report is CONFIDENTIAL**</div>																																																																																																																							
<div>Depth md/tvd (ft): 10,366.02 / 9,299.80 Progress (ft): 4,166.01 ROP: 4,166.0 / 17.00 = 245.06 Proposed TD (ft): 14,120.50 Next Csg Point (ft): 14,120.03</div>		<div>Rig: NABORS DRILLING/F-34 Rig Phone: 713-997-1205 RKB (ft): 2,660.01 Ground Level (ft): 2,630.0 POB: 28 Total Man Hours: 320.00</div>																																																																																																																					
<div>Current Activity: DRILLING LATERAL @ 10,366' (PTB INC-90.6°, AZ-1.3°, ABOVE-3', LEFT-1') TOTAL LATERAL = 3,864' 24 Hr Summary: LAND CURVE. CBU. TOOH & P/U LATERAL BHA. TIH & DRILL LATERAL. 24 Hr Forecast: DRILL LATERAL TO TD. CIRCULATE HOLE CLEAN. TOOH.</div>																																																																																																																							
<div>MUD PROPERTIES</div> <div>Fluids Co.: HALLIBURTON Fluids Eng: Wesley Vaughn Time: 7:30 Oil Cnt (%): 70 Location: JCTION TANK H2O Cnt (%): 20 Pit Temp (°F): 121 Sand Cnt (%): 0.01 Depth (ft): 8,000.02 MBT (lbm/bbl): 0.0 Density (ppg): 9.10 pH: 0.0 FV (s/qt): 54 Pm (cc): 0.0 PV (cp): 16 Pf (cc)/Mf (cc): 0.0 / 0.0 YP (lb/100ft²): 9 Chloride (ppm): 0 Gels (): 7/9/10 Calcium (ppm): 0.00 WL (cc/30min): 5.20 LCM (lbm/bbl): 0.0 HTHP (°F): 250 ES (mV): 533.0 Cake (32nd"): 2.00 LGS (%): 8.00 Solids (lbm/bbl): 82 Ex Lime (ppb): 3.2 ECD (ppg): 9.6 OWR: 78.1 / 21.9</div>		<div>MUD MATERIALS</div> <div>Mud Additives Used TAX 5,975 TRANSPORTATION 336 BARITE 41 113 SHRINK WRAP 11 CALCIUM CHLORIDE PO 100 RHEMOD L 1 FUEL SURCHARGE 300 MUD ENGINEER 1</div>		<div>BIT RECORD</div> <div>Bit# 2 3 S/N 5267986 36886 Size (in) 8.75 8.50 Mfg BAKER UTERRA IADC Type Model # VG20M CF519 Jets 3X18 7X20 Depth In (ft) 5,847 6,494 Depth Out (ft) 6,494 Bit Rotations 25/25 60/70 On Btm Hrs Cum 5.00 13.50 Footage Cum (ft) 294 3,872 ROP Cum 64.7 286.8 WOB mn/mx (kip) 35 / 35 28 / 34 RPM rot/bit 25 / 25 60 / 70 Bit HP 2.31 0.86 HSI 3.09 0.40 PSI Drop (psi) 533.26 64.98 Jet Vel (ft/s) 257.34 89.33 Imp Force 717.51 251.84 Grading I O D L B G O R Bit # 2 1 1 BT M E I WTBHA Bit # 3</div>		<div>CASING</div> <div>Size(in) MD(ft)/TVD(ft) FIT/LOT(ppg) 16.00 70.00 / 70.00 9.63 995.00 / 995.00 5.50 14,120.03 / 6,323.01</div> <div>INVENTORY</div> <div>Item Inv OBM DIESEL 6,657 DIESEL 16,945</div> <div>SOLIDS CONTROL</div> <div>Skr Deck 1 Screens Deck 2 Screens 1 140/140/140/140 2 140/140/140/140 3 140/140/140/140</div>																																																																																																																	
<div>MUD LOGGING</div> <div>Trip Gas (units): @ BG Gas (units): Conn Gas (units) @ Form: Pore Pressure: (%) Lag Time: (min)</div>		<div>Surf to Surf: Lag Strokes: Lag Time: (min)</div>																																																																																																																					
<div>BHA # 3</div> <table><tr><th>Qty</th><th>Item Description</th><th>ID (in)</th><th>OD (in)</th><th>Len (ft)</th><th>Cum (ft)</th></tr><tr><td>1</td><td>HUGHES T606X</td><td></td><td>8.500</td><td>1.00</td><td>1.00</td></tr><tr><td>1</td><td>RYAN 1.75" 7/8 6.4 STG FBH (BTS)</td><td></td><td>6.750</td><td>29.78</td><td>30.78</td></tr><tr><td>1</td><td>PONY DC</td><td>3.250</td><td>6.625</td><td>10.49</td><td>41.27</td></tr><tr><td>1</td><td>EM TOOL</td><td>2.875</td><td>6.625</td><td>26.23</td><td>67.50</td></tr><tr><td>1</td><td>NMDC</td><td>2.875</td><td>6.625</td><td>28.30</td><td>95.80</td></tr><tr><td>90</td><td>5" D.P.</td><td>4.276</td><td>5.000</td><td>2,817.79</td><td>2,913.59</td></tr><tr><td>1</td><td>AGITATOR</td><td>2.500</td><td>6.625</td><td>13.46</td><td>2,927.05</td></tr><tr><td>1</td><td>SHOCK SUB</td><td>2.500</td><td>6.625</td><td>11.45</td><td>2,938.50</td></tr><tr><td></td><td>5" DP</td><td>4.276</td><td>5.000</td><td>7,427.53</td><td>10,366.02</td></tr><tr><td colspan="4"></td><td>Total Length:</td><td>10,366.02</td></tr></table>		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	7,427.53	10,366.02					Total Length:	10,366.02	<div>STRING LOADS</div> <div>On Btm Torque: 7,000 Off Btm Torque: 4,500 Str. Wt. Up: 190 Str. Wt. Down: 150 Str. Wt. Rot.: 170 Max Over Pull: BHA PROPERTIES BHA Hrs: 4 Jar Hrs: Cum String Hours: 9 Weight B Jars (kip):</div>		<div>MUD PUMPS</div> <table><tr><th></th><th>#1</th><th>#2</th><th>#3</th></tr><tr><td>Pump Type:</td><td>DR</td><td>DR</td><td></td></tr><tr><td>Liner ID:</td><td>5.50</td><td>5.50</td><td></td></tr><tr><td>SPM:</td><td>85.00</td><td>85.00</td><td></td></tr><tr><td>GPM:</td><td>298.98</td><td>298.98</td><td></td></tr><tr><td>SPR:</td><td></td><td></td><td></td></tr><tr><td>1 SPM:</td><td>0.00</td><td>0.00</td><td></td></tr><tr><td>Pressure:</td><td>0.00</td><td>0.00</td><td></td></tr><tr><td>2 SPM:</td><td>0.00</td><td>0.00</td><td></td></tr><tr><td>Pressure:</td><td>0.00</td><td>0.00</td><td></td></tr><tr><td colspan="2">T GPM (gpm): 598</td><td colspan="2">SPP (psi): 2,400</td></tr><tr><td colspan="2">AV (DC): 490</td><td colspan="2">AV (DP): 269</td></tr></table>			#1	#2	#3	Pump Type:	DR	DR		Liner ID:	5.50	5.50		SPM:	85.00	85.00		GPM:	298.98	298.98		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): 598		SPP (psi): 2,400		AV (DC): 490		AV (DP): 269	
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<div>SURVEYS</div> <table><tr><th>MD (ft)</th><th>Inclination(°)</th><th>Azimuth (°)</th><th>TVD (ft)</th><th>V Section (ft)</th><th>+E/-W (ft)</th><th>+N/-S (ft)</th><th>Dog Leg (°/100ft)</th></tr><tr><td>5,213</td><td>5.56</td><td>89.97</td><td>5,125</td><td>-120.28</td><td>792.57</td><td>-120.28</td><td>1.04</td></tr><tr><td>5,400</td><td>3.00</td><td>94.19</td><td>5,311</td><td>-120.63</td><td>806.51</td><td>-120.63</td><td>1.38</td></tr><tr><td>5,588</td><td>1.25</td><td>105.09</td><td>5,499</td><td>-121.52</td><td>813.40</td><td>-121.52</td><td>0.95</td></tr><tr><td>5,776</td><td>0.88</td><td>109.84</td><td>5,687</td><td>-122.55</td><td>816.74</td><td>-122.55</td><td>0.20</td></tr><tr><td>5,867</td><td>3.69</td><td>27.92</td><td>5,778</td><td>-120.20</td><td>818.77</td><td>-120.20</td><td>4.03</td></tr><tr><td>5,961</td><td>17.13</td><td>8.06</td><td>5,870</td><td>-103.74</td><td>822.14</td><td>-103.74</td><td>14.59</td></tr><tr><td>6,055</td><td>29.13</td><td>7.53</td><td>5,957</td><td>-67.22</td><td>827.10</td><td>-67.22</td><td>12.77</td></tr><tr><td>6,149</td><td>39.25</td><td>7.18</td><td>6,034</td><td>-14.89</td><td>833.83</td><td>-14.89</td><td>10.77</td></tr></table>								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																																								
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<div>OPERATION DETAILS</div> <table><tr><th>FROM</th><th>TO</th><th>HRS</th><th>OP CODE</th><th>PHASE</th><th>CODE</th><th>ACTIVITY</th><th>DESCRIPTION</th></tr><tr><td>06:00</td><td>09:30</td><td>3.50</td><td>P</td><td>DRLPRD</td><td>09</td><td>DRLCRV</td><td>DRILL CURVE 6,200'-6494'.</td></tr><tr><td>09:30</td><td>10:00</td><td>0.50</td><td>P</td><td>DRLPRD</td><td>15</td><td>CIRC</td><td>CBU. FLOW CHECK, PUMPED SLUG.</td></tr><tr><td>10:00</td><td>13:00</td><td>3.00</td><td>P</td><td>DRLPRD</td><td>13</td><td>TRIP</td><td>POOH & LD CURVE BHA.</td></tr><tr><td>13:00</td><td>16:00</td><td>3.00</td><td>P</td><td>DRLPRD</td><td>13</td><td>TRIP</td><td>MU LATERAL BHA & TIH BREAKING CIRC E/30 STANDS. (ULTERA CF519 BIT, RYAN 7/8 6.4 1.75" FBH PDM, PC, EM, NMDC, P/U AGITATOR & SHOCK SUB 30 STANDS IN).</td></tr><tr><td>16:00</td><td>23:00</td><td>7.00</td><td>P</td><td>DRLPRD</td><td>10</td><td>DRLLAT</td><td>DRILLED LATERAL 6,494'-8,338'. (85°@ 6,502'.)</td></tr><tr><td>23:00</td><td>23:30</td><td>0.50</td><td>P</td><td>DRLPRD</td><td>12</td><td>RIGSVC</td><td>SERVICE RIG.</td></tr><tr><td>23:30</td><td>06:00</td><td>6.50</td><td>P</td><td>DRLPRD</td><td>10</td><td>DRLLAT</td><td>DRILLED LATERAL 8,338' - 10,366'</td></tr></table>								FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION	06:00	09:30	3.50	P	DRLPRD	09	DRLCRV	DRILL CURVE 6,200'-6494'.	09:30	10:00	0.50	P	DRLPRD	15	CIRC	CBU. FLOW CHECK, PUMPED SLUG.	10:00	13:00	3.00	P	DRLPRD	13	TRIP	POOH & LD CURVE BHA.	13:00	16:00	3.00	P	DRLPRD	13	TRIP	MU LATERAL BHA & TIH BREAKING CIRC E/30 STANDS. (ULTERA CF519 BIT, RYAN 7/8 6.4 1.75" FBH PDM, PC, EM, NMDC, P/U AGITATOR & SHOCK SUB 30 STANDS IN).	16:00	23:00	7.00	P	DRLPRD	10	DRLLAT	DRILLED LATERAL 6,494'-8,338'. (85°@ 6,502'.)	23:00	23:30	0.50	P	DRLPRD	12	RIGSVC	SERVICE RIG.	23:30	06:00	6.50	P	DRLPRD	10	DRLLAT	DRILLED LATERAL 8,338' - 10,366'																																																
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