# Daily Drilling Report Onshore

EP ENERGY

**Data shared on this report is CONFIDENTIAL**

**Well Name/Wellbore No.:** UNIVERSITY EAST 4128EH/00

| | |
|---|---|
| Country: | USA |
| State/OCSG | TEXAS |
| Field/Permit#: | WOLFCAMP EAST |
| Supervisors: | JOE WILKERSON / JARED FAUST |
| Engineer/Manager: | MACAFEE, BRADLEY / MARES, SERGI |

| | | | |
|---|---|---|---|
| Report Number: | 002 | API #: | 4210542411 |
| Report Date: | 08/24/2017 | | |
| Spud Date: | | | |
| Release Date: | | | |
| DFS: 0.00 | DOL: 1 | | AFE Days: 6 |
| Last BOP T.: | | | |

| | |
|---|---|
| Depth md/tvd (ft): | 995.00 / 995.00 |
| Progress (ft): | 0.00 |
| ROP: | 0.0 / = 0.00 |
| 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: | 63 |
| Total Man Hours: | 739.00 |

| | |
|---|---|
| Current Activity: | MIRU. 50% MI & 10% RU. |
| 24 Hr Summary: | MIRU. |
| 24 Hr Forecast: | MIRU. |

## MUD PROPERTIES

| | | | |
|---|---|---|---|
| Fluids Co.: | HALLIBURTON | | |
| Fluids Eng: | Wesley Vaughn | | |
| Time: | 7:30 | Oil Cnt (%): | 69 |
| Location: | JCTION TANK | H2O Cnt (%): | 19 |
| Pit Temp (°F | 118 | Sand Cnt (%): | 0.01 |
| Depth (ft): | 995.00 | MBT (lbm/bbl): | 0.0 |
| Density (ppg): | 8.70 | pH: | 0.0 |
| FV (s/qt): | 56 | Pm (cc): | 0.0 |
| PV (cp): | 10 | Pf (cc):/Mf (cc): | 0.0 / 0.0 |
| YP (lbf/100ft²): | 10 | Chloride (ppm): | 0 |
| Gels (): | 11/15/19 | Calcium (ppm): | 0.00 |
| WL (cc/30min): | 7.20 | LCM (lbm/bbl): | 0.0 |
| HTHP (°F): | 250 | ES (mV): | 777.0 |
| Cake (32nd"): | 2.00 | LGS (%): | 8.60 |
| Solids (lbm/bbl): | 81 | Ex Lime (ppb): | 3.4 |
| ECD (ppg): | 8.7 | OWR: | 78.4 / 21.6 |

## MUD MATERIALS

| Mud Additives | Used |
|---|---|

## MUD LOGGING

| | | | | | |
|---|---|---|---|---|---|
| Trip Gas (units): | @ | BG Gas (units): | | Surf to Surf: | |
| Conn Gas (units) | @ | | | Lag Strokes: | |
| Form: | | Pore Pressure: | 0 (%) | Lag Time: | (min) |

## 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) |
|---|---|---|---|
| 16.00 | 70.00 / | 70.00 | |
| 9.63 | 995.00 / | 995.00 | |
| 5.50 | 14,120.03 / | 6,323.01 | |

## INVENTORY

| Item | Inv |
|---|---|
| DIESEL | 700 |

## SOLIDS CONTROL

| Skr | Deck 1 Screens | Deck 2 Screens |
|---|---|---|
| 1 | 140/140/140/140 | |
| 2 | 140/140/140/140 | |
| 3 | 140/140/140/140 | |

## MUD PUMPS

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

| | |
|---|---|
| T GPM (gpm): | SPP (psi): |
| AV (DC): | AV (DP): |

## SURVEYS

| MD (ft) | Inclination(°) | Azimuth (°) | TVD (ft) | V Section (ft) | +E/-W (ft) | +N/-S (ft) | Dog Leg (°/100ft) |
|---|---|---|---|---|---|---|---|
| 869 | 0.46 | 359.57 | 869 | -0.24 | -1.18 | -0.24 | 0.00 |

## OPERATION DETAILS

| FROM | TO | HRS | OP CODE | PHASE | CODE | ACTIVITY | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| 06:00 | 06:00 | 24.00 | P | MIRU | 01 | MIRU | PJSM W/RIG RUNNERS, STALLION, SPRINT ENERGY & NABORS. MIRU WITH RIG RUNNERS. 50 % MI & 10 % RU. SET MUD TANKS, CHOKE MANIFOLD & GAS BUSTER, MOVE & SETUP NABORS & EP CAMP, HAUL OBM. SET FRAC TANK PUMP. LOWERED DERRICK ON OLD END & RD.( 28 LOADS HAULED, 16 HAUL TRUCKS, 3 CRANES, 2 FORKLIFTS, TWO TANDEMS. ) |

**Daily Operations Comments**

UTILIZING DIRECTIONAL PLAN #2.

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