





DAILY DRILLING REPORT

| | | | | | | | | | |
|--------------------------------------|----------------------------------|--------------------------------------|------------------------------------|------------------------------|--------------------|-------------------------------------|---------------|-----------|--|
| General Information | | | | | | | | | |
| LEASE | | WELL NUMBER | | API WELL NUMBER | | DATE | | | |
| UNIVERSITY CENTRAL | | 1125 IH | | 42-383-38771 | | 5/12/2014 | | | |
| COUNTY, STATE | | LOCATION | | | | TRRC PERMIT NUMBER | | | |
| REAGAN, CROCKETT | | 6.63 MILES W DIRECTION FROM BIG LAKE | | | | 783506 | | | |
| OPERATOR | | | | CONTRACTOR | | | | | |
| EP ENERGY | | | | Integrity Services, LLC | | | | | |
| OPERATOR REPRESENTATIVE | | | | CONTRACTOR REPRESENTATIVE | | | | | |
| PERRY EVANS | | | | SCHYLER CLICK | | | | | |
| Texas Railroad Commission | | | | | | | | | |
| TRRC JOB NUMBER | | TRRC CONTACT NAME | | Depth | | | | | |
| 4900 | | IVY | | PROPOSED MEASURED DEPTH (MD) | | | | | |
| 5/12/2014 | | 16:45 | | 804' | | | | | |
| Casing | | | | | | | | | |
| | OD | ID | WEIGHT | GRADE | CONNECTION | MD | TVD | ANGLE | |
| Conductor | 14 | | | | | | | | |
| Surface | 9 5/8 | 8.835 | 40 | K-55 | STC | | | | |
| Drill Pipe | | | | | | | | | |
| | OD | ID | WEIGHT | GRADE | CONNECTION | | | | |
| | 4 1/2 | 2 1/8 | 16.6 | | 2 7/8" IF | | | | |
| BHA | | | | | | | | | |
| | OD | ID | LENGTH | WEIGHT | CONNECTION | | | | |
| Bit | 12.25" | N/A | 0.38 | | DTH SPLINE | | | | |
| DTH | 10.625" | 2.50" | 6.55 | | 6 5/8" REG | | | | |
| BIT SUB | 6.625" | 3.50" | 3.15 | | 4" FH x 6 5/8" reg | | | | |
| SQUARE D/C | 9" | 3.50" | 28 6/7 | | 4" FH | | | | |
| SLIP SUB | 5.5" | 2.8125" | 1 | | 4"FH | | | | |
| 3 EA. D/C's | 5.5" | 2.8125" | 90 | | 4" FH | | | | |
| X.O. SUB | 5.5" | 2.25" | 1.28 | | 4" FH x 2 7/8" IF | | | | |
| Daily Activities | | | | | | | | | |
| FROM | TO | ELAPSED TIME | REMARKS | | | | | | |
| 9:00 | 15:00 | 6.00 | RIG MOVE | | | | | | |
| 15:00 | 18:00 | 3.00 | RIG UP | | | | | | |
| 18:00 | 18:00 | - | TOUR CHANGE / SAFETY MEETING | | | | | | |
| 18:00 | 19:00 | 1.00 | FINISH RIGGING UP | | | | | | |
| 19:00 | 20:00 | 1.00 | PICK UP BHA F/ BIT - 40' | | | | | | |
| 20:00 | 21:00 | 1.00 | DRLG F/ 40' - 135' | | | | | | |
| 21:00 | 21:30 | 0.50 | CHANGE OUT HEAD RUBBER FOR DP | | | | | | |
| 21:30 | 3:30 | 6.00 | DRLG F/ 135' - 804' TD WELL @ 804' | | | | | | |
| 3:30 | 4:30 | 1.00 | BLOW HOLE CLEAN | | | | | | |
| 4:30 | 6:00 | 1.50 | TOOH F/ 804' - 131' | | | | | | |
| TOTAL HOURS | | 21.00 | | | | | | | |
| Crew | | | | | | | | | |
| TITLE | | NAME | | HOURS | NAME | | | | |
| RIG MANAGER | | BRANDON TICHENOR | | 21 | BRANDON TICHENOR | | | | |
| DRILLER | | ROBERT | | 12 | JESSIE | | | | |
| FLOOR HAND | | JEFF | | 12 | MICHEAL | | | | |
| FLOOR HAND | | CAMILLO | | 12 | TERRY | | | | |
| Bit Information | | | | | | | | | |
| BIT NO | SIZE | MAKE | TYPE | FOOTAGE | HOURS | ROP | WOB | RPM | |
| 1 NEW | 12 1/4 | NUMA | DHT | 764' | 7 | 109.10 | 2 - 4000 LBS | 30 - 40 | |
| BIT SERIAL # | | | | | | | | | |
| Mud Drilling Information | | | | | | | | | |
| COMBO | PUMP #1 | COMBO | DECK AIR | COMPRESSOR #1 | COMPRESSOR #2 | COMPRESSOR #3 | COMPRESSOR #4 | BOOSTER | |
| Type | BEAN | MAKE | ATLAS COPCO | SULLAIR | SULLAIR | SULLAIR | SULLAIR | Hurricane | |
| Gal/Min | 40 | CFM | 1250 | 1150 | 1150 | 0 | 0 | 0 | |
| | | PSI | 350 | 350 | 350 | 0 | 0 | 0 | |
| Drilling Fluid & Chemicals | | | | | | | | | |
| | | TYPE | | AMOUNT | | TYPE | | AMOUNT | |
| | | WEATHERFORD FMA 100 | | 2GAL/HR | | WEATHERFORD DIONIC SHALE STABILIZER | | 1GAL/HR | |
| Fuel | | | | | | | | | |
| FUEL TYPE | VENDOR | | BEG QTY | RECEIVED QTY | TOTAL QTY | QTY USED | QTY REMAINING | | |
| Diesel | Fuel Source | | 2,800 | 0 | 2,800 | 700 | 2,100 | | |
| SAFETY MEETING / JOB SAFETY ANALYSIS | | | | | | | | | |
| | DAYLIGHT TOUR | | | MORNING TOUR | | | | | |
| TOPIC | RIG MOVES | | | MAKING AIRLINES UP CORRECTLY | | | | | |
| JSA | PAY ATTENTION / WATCH FOR TRUCKS | | | USING WHIPCHECKS PROPERLY | | | | | |
| STOP CARDS | 0 | | | 0 | | | | | |
| NEAR MISSES | 0 | | | 0 | | | | | |

CEMENTING LOG

| | | | | | | | | | | | | | |
|-------------------------------|--|---------------------------------------|--|--------------------------------|--|--|--|------------------------------|--|----------------------------------|--|---|--|
| Company | | EP Energy | | Lease | | University Central 1125 IH | | Well Name/No. | | University Central 1125 IH | | | |
| Type Job | | Surface | | Type & Amt Material | | | | | | | | | |
| Field | | Bid Prepared By | | | | | | | | | | Joseph Keller | |
| CASING DATA | | <input type="checkbox"/> Intermediate | | <input type="checkbox"/> Liner | | <input type="checkbox"/> Production | | <input type="checkbox"/> PTA | | <input type="checkbox"/> Squeeze | | <input checked="" type="checkbox"/> Surface | |
| Size | | 9.625 | | Type | | | | Weight | | 40 | | Collar | |
| Casing Depths: | | Top | | Bottom | | 850 | | | | | | | |
| Drill Pipe: | | Size | | Weight | | Collars | | | | | | | |
| Open Hole: | | Size | | 12.25 | | T.D. (ft) | | 850 | | P.B. to (ft) | | | |
| CAPACITY FACTORS | | | | | | | | | | | | | |
| Casing | | Bbls/Lin. ft. | | Lin. ft./Bbl | | | | | | | | | |
| Open Holes | | Bbls/Lin. ft. | | Lin. ft./Bbl | | | | | | | | | |
| Drill Pipes | | Bbls/Lin. ft. | | Lin. ft./Bbl | | | | | | | | | |
| Annulus | | Bbls/Lin. ft. | | Lin. ft./Bbl | | | | | | | | | |
| | | Bbls/Lin. ft. | | Lin. ft./Bbl | | | | | | | | | |
| Perforations | | From (ft) | | To | | Amount | | | | | | | |
| CEMENT DATA | | | | | | | | | | | | | |
| Spacer Type | | | | | | | | | | | | | |
| Amt. | | 20bbls | | Sks Yield | | ft ³ /sk Density (PPG) | | 8.4 | | | | | |
| LEAD | | | | | | | | | | | | | |
| Pump Time (hrs) | | Type | | Class C | | Excess | | 210% | | | | | |
| Amt. | | 260 | | Sks Yield | | 2.05 ft ³ /sk Density (PPG) | | 12.8 | | | | | |
| TAIL | | | | | | | | | | | | | |
| Pump Time (hrs) | | Type | | Class C | | Excess | | 100% | | | | | |
| Amt. | | 150 | | Sks Yield | | 1.35 ft ³ /sk Density (PPG) | | 14.8 | | | | | |
| WATER | | | | | | | | | | | | | |
| Lead | | 10.57 gals/sk | | Tail | | 6.44 gals/sk Total (Bbls.) | | | | | | | |
| Pump Trucks Used | | 2060 Freemyer Pump | | | | | | | | | | | |
| Bulk Equipment | | 1600 1600 660#3 660#5 660#8 | | | | | | | | | | | |
| Float Equipment: Manufacturer | | | | | | | | | | | | | |
| Shoe: Type | | Depth | | | | | | | | | | | |
| Float: Type | | Depth | | | | | | | | | | | |
| Centralizers: Quantity | | Plugs: Top | | | | | | | | | | | |
| Stage Collars | | Bottom | | | | | | | | | | | |
| Special Equipment | | | | | | | | | | | | | |
| Disp. Fluid Type | | water | | Amt. (Bbls.) | | Weight (PPG) | | | | | | | |
| Mud Type | | Weight (PPG) | | | | | | | | | | | |

COMPANY REPRESENTATIVE Brandon

CEMENTER TY BERRY

| TIME AM/PM | PRESSURES PSI | | FLUID PUMPED DATA | | | REMARKS |
|---------------|----------------------|---------|-------------------|------------------------|---------------------|--|
| | DRILL PIPE CASING | ANNULUS | TOTAL FLUID | PUMPED/ TIME PERIOD | RATE (BBLS MIN.) | |
| 4:00 | 6/13/2014 | | | | | CALL OUT |
| 5:00 | | | | | | PRE CONVOY SAFETY MEETING |
| 5:15 | | | | | | CREW DEPART YARD |
| 9:00 | | | | | | CREW ARRIVE ON LOCATION SAFELY |
| 9:05 | | | | | | ASSESSMENT OF LOCATION |
| 9:10 | | | | | | DISCUSS PROCEDURE WITH PUSHER |
| 9:20 | | | | | | PRE RIG UP SAFETY MEETING |
| 9:30 | | | | | | RIG UP EQUIPMENT |
| 9:35 | 40 | | 25 | | | 3 WASH DOWN CASING |
| 9:50 | | | | | | PRE JOB SAFETY MEETING |
| 9:53 | 40 | | 3 | | | 2 START JOB |
| 9:56 | | | | | | TEST CWS IRON 2500 PSI |
| 9:57 | 100 | | 90 | | | PUMP H2O |
| 10:22 | 100 | | 20 | | | 3 PUMP SPACER |
| 10:35 | 80 | | 95 | | | 4 PUMP 260 SKS LEAD @ 12.8 |
| 11:05 | 60 | | 35 | | | 3 PUMP 150 SKS TAIL @ 14.8 |
| 11:13 | | | | | | SHUTDOWN/DROP PLUG |
| 11:16 | 138 | | 40 | | | 3 PUMP DISPLACEMENT |
| 11:27 | 240 | | 18 | | | 2 SLOW RATE |
| 11:37 | 350 | | | | | BUMP PLUG |
| 11:39 | | | | | | CHECK FLOATS .5 BBLS BACK |
| 11:40 | | | | | | END JOB FULL RETURNS WITH 70 BBLS BACK |
| 11:50 | | | | | | RIG DOWN EQUIPMENT |
| 12:20 | | | | | | PRE CONVOY SAFETY MEETING |
| 12:30 | | | | | | CREW DEPART LOCATION |