

University "4-25" Unit No. 1
Completion Report

Location 2,582' FWL and 692' FNL of Section 25, Block 4, University Lands Survey, Andrews County. Ground elev. 3,060'. Permit Number 804736, API Number 42-003-47084. RRC numbers (432) 684-5581 phone, (432) 684-6005 fax.

Date

06-18-15 Back drag pad and set anchors. Will suck water from cellar, plumb valves to surface and level cellar with pea gravel, or install grates.

Daily Costs \$ 2,000 Cum. Costs \$ 1,468,780

06-19-15 Emptied cellar with vacuum truck. Plumb surface & braden head valves to surface. Fill cellar with pea gravel.

Daily Costs \$ 2,000 Cum. Costs \$ 1,470,780

06-20-15 WO completion unit.

06-21-15 WO completion unit.

06-22-15 WO completion unit.

06-23-15 WO completion unit.

06-24-15 WO completion unit.

06-25-15 WO completion unit.

06-26-15 WO completion unit.

06-27-15 MIRU WTG Services PU 01 & SDFD.

Daily Cost \$ 2,000 Cum Cost \$ 1,472,780

06-28-15 SDFWE.

06-29-15 SDFWE.

06-30-15 MI, unload & tally 2 7/8" L-80 tubing. PU, 4 3/4" bit, 6-3 1/2" DCs & 2 7/8" tubing. RIH to 9,450' & SDFD.

Daily Cost \$ 70,000 Cum. Cost \$ 1,547,780

07-01-15 PU swivel & start drill out. Drilled cement from 9,481' to 9,575', circulate clean & SDFD.

Daily Cost \$8,000 Cum. Cost \$ 1,555,780

07-02-15 Continue drilling cement & DV tool @ 9,622'. Fell out @ 9,622' & continued in the hole. Tagged cement @ 12,422'. Drill cement, float collar, shoe joints (2) & float shoe to 12,571'. Start out of the hole with 2 7/8" tubing. Pulled 150 stands & SDFD.

Daily Cost \$ 8,000 Cum. Cost \$ 1,563,780

07-03-15 Continue out of the hole with DCs & bit. RU FMC Technologies & run GR/CCL/Bond log from TD to 4,000'. RD wireline & SDFD.

Daily Cost \$ 10,000 Cum. Cost \$ 1,573,780

07-04-15 SDF the 4th of July holiday.

07-05-15 SDFWE.

07-06-15 SDFWE.

07-07-15 RIH with 5 1/2" PKR, SN & 2 7/8" tubing to 12,450'. Set PKR & swab fluid level down to 5,000' from surface. SI&SDFD.

Daily Cost \$ 9,000 Cum. Cost \$ 1,582,780

07-08-15 SITP = 0 psig. Made one run with swab & tagged fluid @ 5,000' (no fluid entry). POOH with swab. Load tubing with 2% KCl water & unset 5 1/2" J-Lok PKR. Pull 2 stds & tongs broke down. Replace tongs & continue out of the hole with 68 stds when main draw works chain broke. SDFD.

Daily Cost \$ 9,000 Cum. Cost \$ 1,591,780

07-09-15 Replace chain, continue out of the hole with PKR. LD PKR, PU new 4 3/4" bit & RIH with DCs & 130 stds 2 7/8" tubing. SDFD.

Daily Cost \$ 9,000 Cum Cost \$ 1,600,780

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07-10-15 Continue in the hole with bit. Break circulation with Knight Fishing & Rental foam air unit. Unload the hole (2.5 hrs) & drill 3' to 12,574'. Blow the hole with foam & recovered good shows of oil. PUH to 12,570' SI&SDFD. Note: Drilled the 3' in 30 min with last 3" being a void or very fast drilling.

Daily Cost \$ 12,000

Cum. Cost \$ 1,612,780

07-11-15 SITP = 100 psig. SICP = 1,300 psig. Open well to test tank & flowed 100% oil. SI to wait on adjustable choke. Install choke & open well on 18/64". Well bled down in 30 min. RU swab & started swabbing. IFL = 1,600'. Pulled from 2,600' & recovered 100% oil. Made a total of 11 runs & recovered approx 14 BO & 33 BLW (Kolor Kut). LWTR = 206 bbls. SI & sent crew home. RU Flow Test & open 2 7/8" X 5 1/2" annulus to gas buster @ 7:00 PM 07-10-15 on 6/64" choke. Well died @ 2:00 AM 07-11-15. Recovery was all air. Flow back hand said it had some natural gas smell. SI well @ 7:00 AM 07-11-15.

Daily Cost \$ 5,000

Cum Cost \$ 1,617,780

07-12-15 SDFWE.

07-13-15 SDFWE.

07-14-15 SITP = 350 psig. SICP = 250 psig. Open well on 18/64" choke to test tank & flowed off (all gas). RU swab & RIH. IFL = 300'. Pulled from 1,300' & recovered 100% oil. Well started flowing on 1/4" choke. Flowed one hour & died. Made a total of 7 runs (one/hour). FL each run was 1,400'. Oil cut varied throughout the day with oil cut increasing to 40 percent by the last run. Swabbed & flowed 41 bbls fluid being 7 BO & 34 BLW. LWTR = 172 bbls. SI&SDFD.

Daily Cost \$ 4,000

Cum. Cost \$ 1,621,780

07-15-15 SITP = 150 psig. SICP = 400 psig. Open well on a 12/64" choke to test tank. Flowed 3 BO & died. First run with swab found IFL @ 1,000', pulled from 2,000' & recovered 30% oil. Made a total of 7 runs (one/hour) & recovered 44 bbls of fluid being approx 7 BO & 36 BLW. LWTR = 136 bbls. EFL = 2,000'. Oil cut last run 10%. SI&SDFD. Tank battery pad is ready.

Daily Cost \$ 10,000

Cum. Cost \$ 1,631,780

07-16-15 SITP = 175 psig. SICP = 400 psig. Open 5 1/2" casing valve to test tank on 16/64" choke. RU Kinney Inc. pump truck on 2 7/8" tubing. Break circulation & pumped 120 bbls 2% KCl water (1 bpm @ 150 psig). Stopped pumping down tubing, backside flowed down & died. Displaced 93 BO to test tank. Did not see any water in returns. POOH with DCs & bit. PU BHA & RIH with 84 stands of 2 7/8" tubing. SI&SDFD.

Daily Cost \$ 7,000

Cum. Cost \$ 1,638,780

07-17-15 Continue in the hole with 2 7/8" tubing. Set TAC, ND BOP & NU well head. PU, RIH with pump & rods. Space out pump & clamp off polish rod. Load (3 bbls) & test to 500 psig ok.

Daily Cost \$ 20,000

Cum. Cost \$ 1,658,780

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Tubing & rod detail:

| Joints | Description | Footage | Depth |
|--------|--------------------------|----------|-----------|
| | KB Correction | 10.00 | 10.00 |
| 154 | 2 7/8", L-80, 8rd tubing | 4,999.46 | 5,009.46 |
| 1 | 2 7/8" SN | 1.10 | 5,010.56 |
| 227 | 2 7/8", L-80, 8rd tubing | 7,369.33 | 12,379.89 |
| 1 | 2 7/8" X 5 1/2" TAC | 2.75 | 12,382.64 |
| 2 | 2 7/8", L-80, 8rd tubing | 64.92 | 12,447.56 |
| 1 | 2 7/8" PS | 4.10 | 12,451.66 |
| 1 | 2 7/8", L-80, 8rd tubing | 32.46 | 12,484.12 |
| 1 | 2 7/8" BP | 0.20 | 12,484.32 |

| Rods | Description | Footage | Depth |
|------|----------------------------|----------|----------|
| 1 | 1 1/4" PR w/ 1 1/2" liner | 22.00 | 22.00 |
| 0 | 7/8" subs | 0.00 | 22.00 |
| 67 | 7/8" KD rods | 1,675.00 | 1,697.00 |
| 132 | 3/4" KD rods | 3,300.00 | 4,997.00 |
| 1 | 2 1/2" X 1 1/2" X 24' pump | 24.00 | 5,021.00 |
| 1 | Strainer nipple | 1.00 | 5,022.00 |
| | | | |
| | | | |
| | | | |

07-18-15 RD&MOPU. Set tanks & start building battery.

Daily Cost \$ 55,000

Cum. Cost \$ 1,713,780

07-19-15 Continue battery construction.

Daily Cost \$ 5,000

Cum. Cost \$ 1,718,780

07-20-15 SDFWE.

07-21-15 Continue battery construction.

Daily Cost \$ 5,000

Cum. Cost \$ 1,723,780

07-22-15 Continue battery construction.

Daily Cost \$ 5,000

Cum. Cost \$ 1,728,780

Prep to set pumping unit today & hope to start up Thursday.