

15-063-20856

15-12-28W

3454 FSL 1089 FEL

LARSON ENGINEERING, INC.
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SHAKESPEARE OIL COMPANY, INC.
Selensky #1-15 OWWO
3475' FSL & 986' FEL Sec. 15-12S-28W
Gove Co., Kansas

2720' GL
2725' KB

Drilling report – wash down old well

- 2-16-06 MI Robinson Svcs & located old well. DC \$400 CC \$400.
- 7-6-06 Checked location & talked to landowner. DC \$400 CC \$800.
- 7-12-06 MIRU Wild West Well Svc DD. MI Fritzler backhoe & dug out 8-5/8". Levelled loc & dug working pits. MI D&S Machine. Cut plate off 8-5/8" & dressed collar. Built 8-5/8" drilling nipple. Lined pits & filled w/ fresh wtr. MI 132 jts new 3-1/2" 9.3# EUE 8rd tbg. MI KS Fishing Tool mud pump, swivel & 5 – 4-1/2" drill collars. TIH 7-7/8" tooth bit. Tagged hard cmt @ 33'. Started drilling @ 3:55 pm. Drilled hard cmt from 33' to 65'. Washed & drilled cmt stringers to 240'. Drilled hard cmt from 240' to 285'. Circ hole clean @ 8:00 pm. TOH w/ 1 jt. SDFN. DC \$16,000 CC \$16,800.
- 7-13-06 Drilled hard cmt from 285 to 320'. Drilled & washed from 320 to 1300'. Mixed 2 sx soda ash & 30 sx gel. Drilled hard cmt from 1300' to 1395'. Circ hole clean @ 7:00 pm. TOH w/ 7 jts to 1195'. SDFN. DC \$6,000 CC \$22,800.
- 7-14-06 TIH to 1395'. Drilled hard cmt from 1395 to 1590' – last jt very hard – took 3-1/2 hrs. Mixed 1 sk soda ash & 10 sx gel. Circ hole clean. Circ hole clean @ 9:30 pm. TOH w/ 14 jts. SDFWE. DC \$6,000 CC \$28,800.
- 7-17-06 Circ pits to condition mud. Mixed 2 sx soda ash & 25 sx gel. TIH to 1557' & CTCH. Circ to 1590'. Drilled from 1590 to 1651' in 9-1/2 hrs – had abundant cmt, shale, red bed & hulls in samples. Circ hole clean @ 9:30 pm. TOH w/ 17 jts. SDFN. DC \$6,000 CC \$34,800.
- 7-18-06 TIH to 1651'. CTCH 1 hr. Drilled from 1651 to 1730' in 10-3/4 hrs. Mud changed red and vis jumped @ 1730'. Hauled off 80 bbl mud & thinned w/ 80 bbl fresh wtr. TOH w/ 17 jts. Sent crew home @ 8:00 pm. Circ hole clean. SDFN. DC \$6,000 CC \$40,800.
- 7-19-06 Thinned mud w/ Desco. TIH to 1730'. Drilled from 1730 to 1820' in 7 hrs. Circ hole clean @ 8:30 pm. TOH w/ 21 jts. SDFN. DC \$6,000 CC \$46,800.

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- 7-20-06 TIH to 1820' – had to drill & wash to bottom. Drilled from 1820 to 1972 in 10 hrs. Rotary hose broke. Repaired hose & circ hole clean @ 10:00 pm. TOH w/ 27 jts tbg. SDFN. DC \$6,000 CC \$52,800.
- 7-21-06 TIH to 1972'. Drilled from 1972 to 2047' in 4 hrs. Had mud check – circ cuttings thru system. Circ hole clean @ 1:30 pm. TOH w/ 28 jts. SDFWE. MI Total Lse Svc dozer & dug reserve pit. DC \$5,000 CC \$57,800.
- 7-24-06 Jetted & cleaned suction pit. Jetted & cleaned shale pit. MI Fritzler backhoe & dug cuttings out of shale pit. Filled pits & mixed mud. TIH to 2005'. Washed & reamed to 2047'. Drilled from 2047 to 2106' in 5 hrs – had abundant shale & red bed cuttings – most likely out of old hole. Circ hole clean @ 8:30 pm. TOH w/ 30 jts. SDFN. DC \$8,000 CC \$65,800.
- 7-25-06 TIH to 2047'. Washed & reamed to 2106'. CTCH 1 hr. Drilled from 2106 to 2149' in 5-1/4 hrs – drilled very slow, out of old hole. Circ clean @ 5:00 pm. TOH w/ 32 jts. SDFN. DC \$6,000 CC \$71,800.
- 7-26-06 TOH w/ tbg, drill collars & 7-7/8" bit. LD drill collars. TIH w/ open ended tbg. CTCH. WO cementers 3 hrs. P&A as follows:
25 sx @ 2140'
100 sx @ 1295'
35 sx @ 191' – circ cmt to surface
topped off csg
Plugged w/ 160 sx 60-40 poz w/ 6% gel & 1/4#/sk flocele. Plugging complete @ 5:00 pm, 7-26-06. Plugging orders from Herb Deines on 7-25-06. State plugger on loc – Darryl Dipman. Jetted shale & suction pits to reserve pit. RDMO DD. RD KS Fishing Tool. DC \$9,500 CC \$81,300.

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