

COBRA OIL & GAS CORPORATION

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DAILY DRILLING REPORT

COBRA OIL & GAS CORPORATION, OPERATOR

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LEWIS UNIT #1

Lea County, New Mexico

Tatum Basin Prospect

675' FL; 114' FWL

Section 3, T10S-R36E

Inline 246 XLine 98

X=829698.67 Y=900468.14

GL: 4023'

PPTD: 12,500'

Ziadril, Inc., Rig #7

06/09/96: **TD 12,269'. DAY 37**, 40% sh/60% lm, DST #2. **DEV SURV:** None. **BHA:** Test tools. **PUMP #1**, DB-700, 5 $\frac{1}{2}$ " x 16". **PUMP #2**, DB-550, 5 $\frac{1}{2}$ " x 16". **BIT #8**, 8 $\frac{3}{4}$ ", HTC, J44C, S/N N57XH, Jets 12,12,12, In @ 11,730', Mde 539' in 92.5 hrs, Grade 6-4-l. **MUD:** Salt gel/starch, MW 9.4#, Vis 49, WI 8.8, Slds 4.2%, pH 11, Cl 49,000, Ca 800, FC 2/32, Gels 4/11, PV 12, YP 12. Used 1 sx caustic, 10 sx impermix, 5 gals aldicide. DMC \$219, CMC \$29,469. **TIME:** 2 hrs chain OOH, 1.25 hrs BD LO TT, 3.5 hrs TIH, .5 hr inst rot head, .75 hr wash to btm, no fill, 4 hrs circ, 4.5 hrs chain OOH, 20K drag @ 10,400'-10,100', 1.5 hrs PU TT, .75 hr TIH w/DC, .25 hr pmp wtr blanket, .25 hr TIH w/8 stds DP, .25 hr pmp wtr blanket, 3.25 hrs TIH, 1.25 hrs run DST #2. DWC \$8,800, CWC \$492,750.

06/10/96: **TD 12,269'. DAY 38**, 40% sh/60% lm, washing to btm. **DEV SURV:** None. **BHA:** Bit, BS, 6" DC, stab, 6" DC, stab, 24 DC = 802.49'. **PUMP #1**, DB-700, 5 $\frac{1}{2}$ " x 16". **PUMP #2**, DB-550, 5 $\frac{1}{2}$ " x 16". **BIT #9**, 8 $\frac{3}{4}$ ", STC, F47H, S/N RR #7, Jets 13,13,13, In @ 12,269'. **MUD:** Salt gel/starch, MW 9.4#, Vis 49, WI 8.8, Slds 4.2%, pH 11, Cl 49,000, Ca 800, FC 2/32, Gels 4/11, PV 12, YP 12. CMC \$29,469. **TIME:** 8.5 hrs DST #2, 3.75 hrs chain OOH, 1.25 hr rev out, 2.5 hrs finish chaining OOH, 1.5 hrs BD LO TT, 3 hrs TIH, 1.25 hrs rig rep, 2 hrs FTIH, .25 hr wash to btm. DWC \$10,000, CWC \$502,750.

DST #2, 12,155' -12,269', DEVONIAN.

Open tool for 15 mins w/weak blow on $\frac{1}{4}$ " hose as follows.

1 min	1/2" blow
2 min	1 " blow
3 min	1 1/8" blow
4 min	1 1/4" blow
5 min	1 1/2" blow
10 min	2 1/4" blow
15 min	3 1/4" blow

SWI for 45 mins.

Reopen tool for 180 mins w/weak blow on $\frac{1}{4}$ " hose as follows.

1 min	1/8" blow
2 min	1/4" blow
3 min	3/8" blow
4 min	1/2" blow
5 min	3/4" blow
10 min	1 1/2" blow
15 min	2 1/2" blow
30 min	3 3/4" blow
45 min	5 1/2" blow