

COBRA OIL & GAS CORPORATION

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DAILY DRILLING REPORT

COBRA OIL & GAS CORPORATION, OPERATOR

Page 5

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

05/11/96: **TD 4,345'. DAY 8**, dolo, Mde 95' in last 24 hrs, drlg. **DEV SURV:** None. **BHA:** Bit, BS, monel DC, stab, DC, stab, 25 DC = 831.49'. **PUMP #1**, DB-700, 5 $\frac{1}{2}$ " x 16", SPM 60, GPM 320, AV 188-301, PP 1750 psi, WOB 55,000# @ 60 RPM. **PUMP #2**, DB-550, 5 $\frac{1}{2}$ " x 16". **BIT #3**, 12 $\frac{1}{4}$ ", WM, 53CF, S/N A13247, Jets 11,11,11, In @ 2317', Mde 1933' in 81 hrs, Out @ 4250', Grade 4-4-I. **BIT #4**, 8 $\frac{3}{4}$ ", HTC, J33C, S/N J72XA, Jets 11,11,11, In @ 4250', Mde 95' in 2.75 hrs. **MUD:** Cut brine, MW 8.8, Vis 28, CI 35,000. CMC \$3806. **TIME:** 15.5 hrs drlg, 3.5 hrs PU DC, TIH, .5 hr drlg plug & float, .5 hr drlg cmt, .25 hr test cg to 1000 psi, 1 hr drlg shoe, 2.75 hrs drlg form. DWC \$5,050, CWC \$234,400.
Remarks: Hauled 4 loads BW.

05/12/96: **TD 5,086'. DAY 9**, dolo/lm/sd, Mde 741' in last 24 hrs, drlg. **DEV SURV:** To follow. **BHA:** Bit, BS, monel DC, stab, DC, stab, 25 DC = 831.49'. **PUMP #1**, DB-700, 5 $\frac{1}{2}$ " x 16", SPM 60, GPM 320, AV 188-301, PP 1800 psi, WOB 45,000#/55,000# @ 60 RPM. **PUMP #2**, DB-550, 5 $\frac{1}{2}$ " x 16". **BIT #4**, 8 $\frac{3}{4}$ ", HTC, J33C, S/N J72XA, Jets 11,11,11, In @ 4250', Mde 836' in 23.25 hrs. **MUD:** Cut brine, MW 8.8, Vis 28, pH 12, CI 35,000. CMC \$3806. **TIME:** 2.75 hrs drlg, .25 hr RS, 9.25 hrs drlg, 1.25 hrs WL surv, 2 hrs trip for WL, 8.5 hrs drlg. DWC \$17,350, CWC \$251,750.
Remarks: Hauled 3 loads BW.

05/13/96: **TD 5,906'. DAY 10**, dolo/sd, Mde 820' in last 24 hrs, drlg. **DEV SURV:** To follow. **BHA:** Bit, BS, monel DC, stab, DC, stab, 25 DC = 831.49'. **PUMP #1**, DB-700, 5 $\frac{1}{2}$ " x 16", SPM 60, GPM 320, AV 139-194, PP 1800 psi, WOB 55,000# @ 60 RPM. **PUMP #2**, DB-550, 5 $\frac{1}{2}$ " x 16". **BIT #4**, 8 $\frac{3}{4}$ ", HTC, J33C, S/N J72XA, Jets 11,11,11, In @ 4250', Mde 1656' in 45.75 hrs. **MUD:** Cut brine, MW 8.8, Vis 28, pH 10, CI 54,000. Used 6 sx paper, 6 sx caustic, 5 gals RD 105. DMC \$76, CMC \$3882. **TIME:** 2.75 hrs drlg, .25 hr RS, 9.25 hrs drlg, 1.25 hrs WL surv, 2 hrs trip for WL, 8.5 hrs drlg. DWC \$18,800, CWC \$270,550.

MEASURED DEPTH feet	DRIFT ANGLE deg	DRIFT DIRECTION deg	COURSE LENGTH feet	TRUE		RECTANGULAR COORDINATES feet	DOGLEG SEVERITY dg/100'
				VERTICAL DEPTH feet	VERTICAL SECTION feet		
4,086	1.00	N 28.00 E	408	4,085.8	0.6	4.7 N 0.6 W	0.12
4,711	1.00	S 15.00 E	625	4,710.8	- 3.3	4.2 N 3.3 E	0.30
5,211	0.50	S 75.00 E	500	5,210.8	- 6.6	0.6 S 6.6 E	0.17

Final closure direction S 85.11 E, final closure distance 6.590'.

05/14/96: **TD 6,673'. DAY 11**, dolo/anhy, Mde 767' in last 24 hrs, drlg. **DEV SURV:** See chart below. **BHA:** Bit, BS, monel DC, stab, DC, stab, 25 DC = 831.49'. **PUMP #1**, DB-700, 5 $\frac{1}{2}$ " x 16", SPM 60, GPM 320, AV 139-194, PP 1850 psi, WOB 55,000# @ 60 RPM. **PUMP #2**, DB-550, 5 $\frac{1}{2}$ " x 16". **BIT #4**, 8 $\frac{3}{4}$ ", HTC, J33C, S/N J72XA, Jets 11,11,11, In @ 4250', Mde 2423' in 68.75 hrs. **MUD:** Cut brine, MW 8.8, Vis 28, pH 10, CI 54,000. Used 8 sx paper, 12 sx caustic, 5 gals RD 105, 50 sx salt gel. CMC \$3882. **TIME:** 2.5 hrs drlg, .25 hr RS, 6.25 hrs drlg, .75 hr WL surv, 14.25 hrs drlg. DWC \$18,450, CWC \$289,000.