

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

05/14/96: Survey follows.
(cont'd.)

MEASURED DEPTH feet	DRIFT ANGLE deg	DRIFT DIRECTION deg	COURSE LENGTH feet	TRUE VERTICAL DEPTH feet	VERTICAL SECTION feet	RECTANGULAR COORDINATES feet	DOGLEG SEVERITY dg/100'
6,176	0.75	N 35.00 W	965	6,175.7	-7.0	3.5 N 7.0 E	0.12

Final closure direction N 63.32 E, final closure distance 7.845'.

05/15/96: **TD 7,190'. DAY 12**, dolo/anhy, Mde 517' in last 24 hrs, TOO. **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 2940' in 89.25 hrs. **MUD:** Cut brine, MW 9.3, Vis 28, Slds .6%, pH 10.5, CI 109,000, Ca 1800. Used 4 sx paper, 5 sx caustic, 5 gals RD-105. DMC \$655, CMC \$4537. **TIME:** 1.25 hrs drlg, 1.5 hr WL surv, RS, 18.25 hrs drlg, 1 hr WL surv, 1 hr drlg, 1 hr TOO. DWC \$12,700, CWC \$301,700.

MEASURED DEPTH feet	DRIFT ANGLE deg	DRIFT DIRECTION deg	COURSE LENGTH feet	TRUE VERTICAL DEPTH feet	VERTICAL SECTION feet	RECTANGULAR COORDINATES feet	DOGLEG SEVERITY dg/100'
6,674	0.50	S 85.00 E	498	6,673.7	-7.3	6.0 N 7.3 E	0.23
7,141	0.75	S 75.00 W	467	7,140.7	-6.4	5.0 N 6.4 E	0.26

Final closure direction N 51.74 E, final closure distance 8.129'.

05/16/96: **TD 7,600'. DAY 13**, dolo/lm, Mde 410' in last 24 hrs, drlg. **DEV SURV:** See chart below. **BHA:** Bit, BS, monel DC, 26 DC = 819.91'. **PUMP #1**, DB-700, 5 $\frac{1}{2}$ " x 16", SPM 60, GPM 320, AV 131-194, PP 1700 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 2940' in 89.25 hrs, Out @ 7190', Grade 8-4-l. **BIT #5**, 8 $\frac{3}{4}$ ", STC, F47H, S/N LH1489, jets 12,12,12, In @ 7190', Mde 410' in 18.5 hrs. **MUD:** Cut brine, MW 9.3, Vis 28, Slds .6%, pH 10.5, CI 109,000, Alk .2. Used 4 sx paper, 6 sx caustic, 27 sx salt gel, 3 qts RD-105, 40 gals defoamer. CMC \$4537. **TIME:** 2.5 hrs TOO, .75 hr cut DL, 1.25 hrs TIH, .5 hr unplug jets, wash 5' fill, 2.5 hrs drlg, .25 hr RS, 11 hrs drlg, 1.5 hr WL surv, 4.75 hrs drlg. DWC \$10,300, CWC \$312,000.

MEASURED DEPTH feet	DRIFT ANGLE deg	DRIFT DIRECTION deg	COURSE LENGTH feet	TRUE VERTICAL DEPTH feet	VERTICAL SECTION feet	RECTANGULAR COORDINATES feet	DOGLEG SEVERITY dg/100'
7,440	0.75	S 65.00 E	299	7,439.7	-6.3	5.4 N 6.3 E	0.50

Final closure direction N 49.49 E, final closure distance 8.242'.