

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

05/17/96: **TD 7,817'. DAY 14**, shale, Mde 217' 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 139-194, PP 1450 psi, WOB 50,000# @ 60 RPM. **PUMP #2**, DB-550, 5 $\frac{1}{2}$ " x 16". **BIT #5**, 8 $\frac{3}{4}$ ", SMT, F47H, S/N H1489, Jets 12,12,12, In @ 7190', Mde 627' in 30 hrs. **MUD:** Salt gel & oil, MW 9.4, Vis 33, Slids .7%, Oil .7%, CI 108,000. Used 306 sx salt gel, 7 sx caustic, 3 gals defoamer, 6 sx soda ash. DMC \$1985, CMC \$6290. **TIME:** 2.75 hrs drlg, 1 hr surv, 7.75 hrs drlg, .5 hr TOOH, 8 hrs circ/cond mud, 3 hrs wash to bottom, 1 hr drlg. DMC \$12,650, CMC 324,650.

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'
7,628	1.25	S 55.00 W	188	7,627.7	-5.7	4.7 N 5.7 E	1.06

Final closure direction N 50.51 E, final closure distance 7.388'.

05/18/96: **TD 8,190'. DAY 15**, dolo, anhy, abo, Mde 373' in last 24 hrs, drlg. **DEV SURV:** See chart below 5/20/96. **BHA:** Bit, BS, monel DC, 26 DC = 819.91'. **PUMP #1**, DB-700, 5 $\frac{1}{2}$ " x 16", SPM 60, GPM 320, AV 139-194, PP 1350 psi, WOB 48,000# @ 60 RPM. **PUMP #2**, DB-550, 5 $\frac{1}{2}$ " x 16". **BIT #5**, 8 $\frac{3}{4}$ ", SMT, F47H, S/N H1489, Jets 12,12,12, In @ 7190', Mde 1000' in 53 hrs. **MUD:** Salt gel/oil, MW 9.3#, Vis 37, Slids 2.5%, Oil .8%, CI 120,000, pH 10, Gels 5/8, PV 6, YP 10. Used 100 sx salt gel, 9 sx caustic, 2 gals defoamer, 5 RD105. DMC \$1207, CMC \$7497. **TIME:** 5.75 hrs drlg, .25 hr RS, 7 hrs drlg, .75 hr surv, 10.25 hrs drlg. DMC \$10,600, CMC \$335,250.

05/19/96: **TD 8,500'. DAY 16**, dolo, anhy, sh, Mde 310' in last 24 hrs, drlg. **DEV SURV:** See chart below 5/20/96. **BHA:** Bit, BS, monel DC, 26 DC = 819.91'. **PUMP #1**, DB-700, 5 $\frac{1}{2}$ " x 16", SPM 60, GPM 320, AV 139-194, PP 1400 psi, WOB 45,000# @ 60 RPM. **PUMP #2**, DB-550, 5 $\frac{1}{2}$ " x 16". **BIT #5**, 8 $\frac{3}{4}$ ", SMT, F47H, S/N H1489, Jets 12,12,12, In @ 7190', Mde 1310' in 75.5 hrs. **MUD:** Salt gel/oil, MW 9.3#, Vis 37, Slids 1.8%, Oil .8%, CI 12,000, pH 9.5, Gels 8/9#, PV 8, YP 9. Used 2 sx caustic, 11 gals defoamer. DMC \$439, CMC \$793. **TIME:** .75 hr drlg, .25 hr RS, 4.25 hrs drlg, .75 hr surv, 2.5 hrs drlg, .5 hr surv, 15 hrs drlg. DMC \$8000, CMC \$343,250.

05/20/96: **TD 8,837'. DAY 17**, dolo, sh, Mde 337' 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 139-194, PP 1600 psi, WOB 55,000# @ 60 RPM. **PUMP #2**, DB-550, 5 $\frac{1}{2}$ " x 16". **BIT #5**, 8 $\frac{3}{4}$ ", SMT, F47H, S/N H1489, Jets 12,12,12, In @ 7190', Mde 1647' in 98 hrs. **MUD:** Salt gel & oil, MW 9.5, Vis 37, Slids 2.8%, Oil 6.5%, CI 114,000, pH 10, gels 7/11#, PV 10, YP 10. Used 4 sx caustic, 32 gals defoamer. DMC \$2000, CMC \$10,037. **TIME:** 1 hr drlg, .75 hr surv NP, 2 hrs drlg, .75 hr surv, 19.5 hrs drlg. DMC \$11,300, CMC \$354,550.

Remarks: Hauled 1 load brine wtr.