

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

05/23/96: SPM 60, GPM 320, AV 139-194, PP 1750 psi, WOB 55,000# @ 60 RPM. **PUMP #2**, DB-550, 5 $\frac{1}{2}$ " x 16". (cont'd.) **BIT #6**, 8 $\frac{3}{4}$ ", HTC, J44C, S/N N36XU, Jets 12,12,12, In @ 9012', Mde 512' in 44.25 hrs. **MUD**: Salt gel/starch/oil, MW 9.5#, Vis 34, WI 10.4, Slids 4.3%, Oil 2%, pH 9.5, CI 84,000, Ca 540, Gels 2/4, PV 5, YP 5. Used 2 sx caustic, 4 gals defoamer, 10 sx aldicide, 2 sx pac-r, 5 sx gel, 50 sx impermix, 1 sx soda sh. DMC \$1305, CMC \$15,942. **TIME**: .75 hr drlg, 1 hr surv, 22.25 hrs drlg. DWC \$9,150, CWC \$381,500.

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'
9,270	1.50	S 85.00 E	294	9,269.2	-38.7	7.3 S 38.7 E	0.07

Final closure direction S 79.33 E, final closure distance 39.373'.

05/24/96: **TD 9,829'. DAY 21**, 40% lm / 60% sh, Mde 245' in last 24 hrs, drlg. **DEV SURV**: See chart below. **BGG**: 30 units, CG: 45 units, Max Gas: 60 units. **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 1650 psi, WOB 52,000# @ 60 RPM. **PUMP #2**, DB-550, 5 $\frac{1}{2}$ " x 16". **BIT #6**, 8 $\frac{3}{4}$ ", HTC, J44C, S/N N36XU, Jets 12,12,12, In @ 9012', Mde 817' in 66.5 hrs. **MUD**: Salt gel/starch/oil, MW 9.5#, Vis 32, WI 10, Slids 5.3%, Oil 3%, pH 10, CI 65,000, Ca 480, Gels 2/4, PV 3, YP 4. Used 2 sx caustic, 20 gals defoamer, 10 sx aldicide, 2 sx pac-r, 6 sx gel, 50 sx impermix, 1 sx soda ash. DMC \$170, CMC \$16,014. **TIME**: .75 hr drlg, .25 hr RS, 5 hrs drlg, 1.5 hrs surv, jet shale pit, 16.5 hrs drlg. CWC \$381,500.

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'
9,615	2.00	S 85.00 E	345	9,614.0	-49.2	8.2 S 49.2 E	0.14

Final closure direction S 80.53 E, final closure distance 49.868'.

05/25/96: **TD 10,093'. DAY 22**, lm/sh/chert, Mde 264' in last 24 hrs, drlg. **DEV SURV**: See chart below 5/28/96. **BGG**: 30 units, CG: 40 units. **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 1650 psi, WOB 53,000# @ 60 RPM. **PUMP #2**, DB-550, 5 $\frac{1}{2}$ " x 16". **BIT #6**, 8 $\frac{3}{4}$ ", HTC, J44C, S/N N36XU, Jets 12,12,12, In @ 9012', Mde 1081' in 87.25 hrs. **MUD**: Salt gel/starch/oil, MW 9.3#, Vis 34, WI 9.5, Slids 3.3%, Oil 2%, pH 10, CI 65,000, Ca 580, FC 1/32, Gels 2/4, PV 4, YP 4. Used 1 sx caustic, 15 gals defoamer, 10 sx aldicide, 67 sx gel, 12 sx impermix, 2 sx desco. DMC \$788, CMC \$16,802. **TIME**: 2.25 hrs circ spls @ 9829', break from 9813'-9829', 1 hr surv, 20.75 hrs drlg. DWC \$8,250, CWC \$397,000.

05/26/96: **TD 10,340'. DAY 23**, lm/sh, Mde 247' in last 24 hrs, drlg. **DEV SURV**: See chart below 5/28/96. **BGG**: 30 units, CG: 40 units. **BHA**: Bit, BS, monel DC, stab, DC, stab, 25 DC = 831.49'. **PUMP #1**, DB-700,