

COBRA OIL & GAS CORPORATION

P. O. Box 8206 Wichita Falls, Texas 76307-8206 (817) 716-5100

DAILY DRILLING REPORT

COBRA OIL & GAS CORPORATION, OPERATOR

Page 13

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

06/05/96: **TD 12,078'. DAY 33**, 40% lm/60% sh, Mde 167' in last 24 hrs, drlg. **DEV SURV**: See chart below. **BGG**: 20 units. **BHA**: Bit, BS, monel DC, stab, DC, stab, 25 DC = 832.60'. **PUMP #1**, DB-700, 5 $\frac{1}{2}$ " x 16", SPM 60, GPM 320, AV 139-194, PP 1700 psi, WOB 55,000# @ 60 RPM. **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 348' in 44 hrs. **MUD**: Salt gel/starch, MW 9.2#, Vis 42, WI 6.8, Slids 4%, Oil .2%, pH 11, CI 42,000, Ca 880, FC 2/32, Gels 4/9, PV 11, YP 12. Used 1 sx caustic, 5 gals aldicide, 80 sx salt gel, 15 gals defoamer. DMC \$521, CMC \$26,978. **TIME**: 3.75 hrs drlg, 1.25 hrs surv, RS, 19 hrs drlg. DWC \$5900, CWC \$467,900.

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		
11,904	1.00	N 25.00 E	843	11,901.4	-143.2	30.9 S 143.2 E	0.25

Final closure direction S 77.83 E, final closure distance 146.532'.

06/06/96: **TD 12,197'. DAY 34**, 100% sh, Mde 119' in last 24 hrs, drlg. **DEV SURV**: None. **BGG**: 20 units. **BHA**: Bit, BS, monel DC, stab, DC, stab, 25 DC = 832.60'. **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 #8**, 8 $\frac{3}{4}$ ", HTC, J44C, S/N N57XH, Jets 12,12,12, In @ 11,730', Mde 467' in 67.75 hrs. **MUD**: Salt gel/starch, MW 9.3#, Vis 41, WI 9.8, Slids 3.7%, Oil .1%, pH 11, CI 46,000, Ca 880, FC 2/32, Gels 4/9, PV 10, YP 10. Used 11 sx caustic, 5 gals aldicide, 57 sx salt gel, 35 gals defoamer, 1 sx impermix. DMC \$757, CMC \$27,735. **TIME**: 3.5 hrs drlg, .25 hrs RS, 20.25 hrs drlg. DWC \$5000, CWC \$472,900.

06/07/96: **TD 12,258'. DAY 35**, 40% sh/60% lm, Mde 61' in last 24 hrs, drlg. **DEV SURV**: None. **BGG**: 20 units. **BHA**: Bit, BS, monel DC, stab, DC, stab, 25 DC = 832.60'. **PUMP #1**, DB-700, 5 $\frac{1}{2}$ " x 16", SPM 60, GPM 320, AV 130-181, PP 1800 psi, WOB 55,000# @ 60 RPM. **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 528' in 91.5 hrs. **MUD**: Salt gel/starch, MW 9.4#, Vis 50, WI 9.8, Slids 4.4%, pH 11, CI 45,000, Ca 600, FC 2/32, Gels 4/9, PV 12, YP 14. Used 10 sx caustic, 10 gals aldicide, 87 sx salt gel, 25 gals defoamer, 42 sx impermix. DMC \$1425, CMC \$29,192. **TIME**: 14 hrs drlg, .25 hr RS, 9.75 hrs drlg. DWC \$4,500, CWC \$477,400.

06/08/96: **TD 12,269'. DAY 36**, 40% sh/60% lm, Mde 11' in last 24 hrs, chain OOH w/DST #1. **DEV SURV**: Not shown. **BGG**: 20 units. **BHA**: Bit, BS, monel DC, stab, DC, stab, 25 DC = 832.60'. **PUMP #1**, DB-700, 5 $\frac{1}{2}$ " x 16", SPM 60, GPM 320, AV 130-181, PP 1800 psi, WOB 55,000# @ 60 RPM. **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-I. **MUD**: Salt gel/starch, MW 9.4#, Vis 48, WI 7.6, Slids 4.3%, pH 11, CI 46,000, FC 2/32, Gels 5/10, PV 12, YP 14. Used 4 sx caustic. DMC \$58, CMC \$29,250. **TIME**: 1 hr drlg, 5.75 hrs circ spls @ 12,269', .25 hr pmp surv, 6.5 hrs TOO, SLM, no corr, 1.75 hrs PU tools, 3.75 hrs TIH w/DST #1, .5 hr **DST #1 from 12,130'-12,269'**, pkr seat failed, .5 hr RD test head & lines, 4 hrs chain OOH. DWC \$6,550, CWC \$483,950.