

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

05/04/96: Ran csg as follows.
 (cont'd.)

	MAKE UP LENGTH	DEPTH FROM DATUM TO TOP OF ITEM
8 jts - 13 ³ / ₈ " , 48# WC50 8rd STC new csg	355.80'	- 4.90'
1 - 13 ³ / ₈ " Insert float	0.00'	350.90'
1 jt - 13 ³ / ₈ " 54.5# WC50 8rd STC shoe jt	38.49'	350.90'
1 - 13 ³ / ₈ " D. L. Tx. Pattern shoe jt	1.20'	389.39'
Total Length of String	395.49'	
Less Cut-Off Piece	25.40'	
Plus Datum to T/Cut-Off Csg	20.50'	
Casing Set @	390.59'	

Halliburton cmtd csg w/400 sx Prem Plus, 1.6% CaCl₂, 1/4# flocele mixed @ 14.8 ppg, yield 1.32 cu yd, good circ throughout, circ 33 bbls (138 sx) cmt to surf, used 3 Davis Lynch bow type centralizers set @ selected intervals, PD @ 4:30 PM, 5/3/96.

05/05/96: **TD 2,150'. DAY 2**, red bed/anhy, Mde 1733' in last 24 hrs, drlg. **DEV SURV:** See chart below 5/6/96. **BHA:** Bit, shock sub, monel DC, XO, 8" DC, stab, 19-8" DC, XO = 637.97'. **PUMP #1**, DB-700, 5¹/₂" x 16", SPM 60, GPM 320, AV 57-91. **PUMP #2**, DB-550, 5¹/₂" x 16". **BIT #2**, 12¹/₄", HTC, R1, S/N E27EB, Jets 11,11,11, In 390', Mde 1760' in 22 hrs. **MUD:** Native, MW 9.2#, Vis 34, Sd .2%, Slids 2.8%, Oil 5%, pH 121, Cl 280, Ca 3000. Used 48 sx paper, 100 bbls oil. DMC \$244, CMC \$756. **TIME:** 4.25 hrs drlg, .5 hr WL surv, .25 hr drlg, .75 hr WL surv, 5.25 hrs drlg, .25 hr WL surf, 5.75 hrs drlg, .5 hr WL surv, 6.5 hrs drlg. DWC \$30,500, CWC \$108,600.

05/06/96: **TD 2,995'. DAY 3**, salt,anhy, Mde 445' in last 24 hrs, drlg. **DEV SURV:** See chart below 5/6/96. **BHA:** 639.17'. **PUMP #1**, DB-700, 5¹/₂" x 16", SPM 60, GPM 320, AV 57-91, PP 1350 psi, WOB 60,000 @ 60 RPM. **PUMP #2**, DB-550, 5¹/₂" x 16". **BIT #2**, 12¹/₄", HTC, R1, S/N E27EB, Jets 11,11,11, In 390', Mde 1927' in 33 hrs, Out @ 2317', Grade 7-4-I. **BIT #3**, 12¹/₄", WM, 53CF, S/N A13247, Jets 11,11,11, In @ 2317', Mde 278' in 5.75 hrs. **MUD:** Native Brine, MW 9.6#, Vis 34, Slids 8.5%, Oil 2.5%, pH 9, pH 9, Cl 36,000, Gels 2/5, PV 9, YP 4. Used 36 sx paper, 5 sx condet. DMC \$251, CMC \$1007. **TIME:** 4.5 hrs drlg, .5 hr surv, 6 hrs drlg, 1.75 hrs TOOH, 2.75 hrs WO shock sub, 2.5 hrs TIH, .25 hr wash to btm, 5.75 hrs drlg. DWC \$8,350, CWC \$116,950.

Note: Hauled 3 loads BW.

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'
390	0.50	S 60.00 W	390	390.0	1.5	0.9 S 1.5 W	0.13
764	0.50	N 40.00 E	374	764.0	1.8	0.4 S 1.8 W	0.26