

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

05/09/96: **TD 4,200'. DAY 6**, dolo, Mde 349' in last 24 hrs, drlg. **DEV SURV:** 1° @ 4086' N. **BHA:** Same. **PUMP #1**, DB-700, 5 $\frac{1}{2}$ " x 16", SPM 60, GPM 320, AV 57-91, PP 1350 psi, WOB 60,000 @ 60 RPM. **PUMP #2**, DB-550, 5 $\frac{1}{2}$ " x 16". **BIT #3**, 12 $\frac{1}{4}$ ", WM, 53CF, S/N A13247, Jets 11,11,11, In @ 2317', Mde 1833' in 74 hrs. **MUD:** Native/brine, MW 9.8, Vis 39 Slds 2%, Oil 25%, pH 9, CI 164000, Gels 3/6, PV 15, YP 7. Used 5 sx paper, 6 sx caustic, 11 gals defoamer, 50 sx starch. DMC \$711, CMC \$2359. **TIME:** 3.25 hrs drlg, .5 hr surv, 11.5 hrs drlg, .75 hr surv, 8.25 hrs drlg. DWC \$10,300, CWC \$160,600.

05/10/96: **TD 4,250'. DAY 7**, dolo, Mde 50' in last 24 hrs, drlg. **DEV SURV:** 1° @ 4210'. **BHA:** Down. **PUMP #1**, DB-700, 5 $\frac{1}{2}$ " x 16", SPM 60, GPM 320, AV 57-91, PP 1350 psi, WOB 60,000 @ 60 RPM. **PUMP #2**, DB-550, 5 $\frac{1}{2}$ " x 16". **BIT #3**, 12 $\frac{1}{4}$ ", WM, 53CF, S/N A13247, Jets 11,11,11, In @ 2317', Mde 1933' in 81 hrs. **MUD:** Native/brine, MW 9.8, Vis 39, Slds 2%, Oil 2.5%, pH 9, CI 164,000, Gels 3/6, PV 15, YP 7. Used 3 sx caustic, 2 gals defoamer. DMC \$1447, CMC \$3806. **TIME:** 3 hrs drlg, .25 hr RS, 4 hrs drlg, 2 hrs circ, .25 hr drlg, 3.75 hrs TOOH, 5 hrs RU & run 9 $\frac{5}{8}$ ", 2 hrs wash to bottom, 2 hrs cement, 1.75 hrs WOC. DWC \$68,750, CWC \$229,350. Ran csg as follows.

	MAKE UP LENGTH	DEPTH FROM DATUM TO TOP OF ITEM
2 jts - 9 $\frac{5}{8}$ " 40# J55 8rd STC new Newport ERW csg	89.40'	- 11.00'
74 jts - 9 $\frac{5}{8}$ " 36# J55 8rd STC new Newport ERW csg	3,309.19'	78.40'
5 jts - 9 $\frac{5}{8}$ " 40# J55 8rd STC used Newport ERW csg	146.71'	3,387.59'
14 jts - 9 $\frac{5}{8}$ " 40# J55 8rd STC new Newport ERW csg	624.99'	3,534.30'
1 - 9 $\frac{5}{8}$ " Davis Lynch float collar	1.50'	4,159.29'
2 jts - 9 $\frac{5}{8}$ " 40# J55 8rd STC used csg shoe jts	88.31'	4,160.79'
1 - 9 $\frac{5}{8}$ " Davis Lynch float shoe	1.60'	4,249.10'
Total Length of String	4,261.70'	
Less Cut-Off Piece	29.50'	
Plus Datum to T/Cut-Off Csg	18.50'	
Casing Set @	4,250.70'	

Halliburton cmt d csd w/1000 sx Premium Plus HLC, $\frac{1}{4}$ # flocele, 5# salt mixed @ 12.4 ppg, 2.09 cu yd/sx tailed by 300 sx Premium Plus, 1.6% CaCl₂, mixed @ 14.8 ppg, 1.34 cu yd/sx, fluid caliper vol = 2204 cu ft, used 8 bow type DL cent @ selected intervals, good circ throughout job, circ 56 bbls (153 sx) cmt to surf, PD @ 4:15 AM, 5/10/96.