

COBRA OIL & GAS CORPORATION

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DAILY DRILLING REPORT

COBRA OIL & GAS CORPORATION, OPERATOR

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STATE 16 #1

Lea County, New Mexico

Sawyer Prospect

330' FSL 990' FEL

Section 16, T9S-R37E

N.M. P.M. Survey

X=859989.25 Y=921583.25

GL: 3,988'

PPTD: 12,500'

Patterson Drilling Company, Rig #48

07/18/97: Ran csg as follows.
(cont'd.)

	MAKE UP LENGTH	DEPTH FROM DATUM TO TOP OF ITEM
2 jts - 8 ⁵ / ₈ " 32# NS80, 8rd new csg	88.01'	- 43.99'
39 jts - 8 ⁵ / ₈ " 24# J55 8rd new csg	1,743.25'	44.02'
51 jts - 8 ⁵ / ₈ " 32# J55 8rd new csg	2,239.17'	1,787.27'
5 jts - 8 ⁵ / ₈ " 32# NS80 8rd new csg	219.17'	4,026.44'
1 - 8 ⁵ / ₈ " Weatherford float collar	1.00'	4,245.61'
1 jt - 8 ⁵ / ₈ " 32# NS80 8rd new csg shoe jt	44.02'	4,246.61'
1 - 8 ⁵ / ₈ " Weatherford float shoe	1.40'	4,290.63'
Total Length of String	4,336.02'	
Less Cut-Off Piece	63.49'	
Plus Datum to T/Cut-Off Csg	19.50'	
Casing Set @	4,292.03'	

BJ Services cmtd csg w/**STAGE 1**-1000 sx 35:65 Poz (Poz + "C") w/6% gel, 5% salt mixed @ 12.7 ppg, yield 1.94 cu ft/sx, **STAGE 2**-200 sx Class "C" w/1% CaCl mixed @ 14.8 ppg, yield 1.33 cu ft/sx, ran 6 Weatherford 8⁵/₈" x 11" bow cent, good circ throughout job, circ 14 bbls (40 sx) cmt to surf, PD @ 8:25 PM, 7/17/97.

Note: Ran 45 jts csg, hit bridge @ 1980', took 3 hrs to work 3 jts csg down to 2108' then csg came free, ran csg to btm, had 60' fill, washed out 15' & could not make any hole, cmtd csg 33' off btm.
Remarks: ND BOP, cut off, hung 8⁵/₈" csg w/75,000# on slips, NU csg spool & BOP.

07/19/97: **TD 4,325'. DAY 9**, lm/sh, Mde 0' in last 24 hrs, WOO. **DEV SURV**: None. **BHA**: Bit, BS, monel, stab, DC, stab, 26 DC. **PUMP #1**, DB700, 5¹/₂" x 16". **PUMP #2**, DB550, 5¹/₂" x 16". **BIT #4**, 7⁷/₈", HTC, J35C, S/N F37YS, Jets 11,11,11. **MUD**: Not listed. Used 5 sx paper, 25 sx lm. DMC \$2150, CMC \$4585. **TIME**: 13.5 hrs WOC, 6.25 hrs drlg cmt 1214'-1475', .25 hr surv, .5 hr sh trip, 3.5 hrs WOO.
Remarks: Completed BOP & ch manif NU, tested system to 3000 psi, ran 7⁷/₈" bit, hit bridge in 8⁵/₈" csg @ 1214', drld out redbed & cmt, drld & washed form & cmt out of csg.

07/20/97: **TD 4,325'. DAY 10**, plugging & abandoning well. **DEV SURV**: None. **PUMP #1**, DB700, 5¹/₂" x 16". **PUMP #2**, DB550, 5¹/₂" x 16". **BIT #4**, 7⁷/₈", HTC, J35C, S/N F37YS, Jets 11,11,11. **MUD**: Not listed. Used 35 sx salt gel, 21 sx fresh gel. DMC \$96, CMC \$4681. **TIME**: 3.5 hrs WOO, 1.5 hrs TOOH, 3.5 hrs WO milling tools, 2 hrs LD monel & TIH, 5 hrs milling 1386'-1458', 1.75 hrs circ, .5 hr mill 1458'-1508', .5 hr circ, pmp sweep, 2.75 hrs TOOH, LD reamers & mill, LDDC, TIH, .5 hr circ, WO LD mach, 2.5 hrs RU LD mach, LD DC & DP.
Remarks: Cleaned out 8⁵/₈" csg to 1382' getting form, cmt & metal, appeared to drill out of csg @ 1382', 8⁵/₈" csg parted, drld to 1508' in redbeds, mde shot trip, bit sat down @ 1450', PU off btm, contacted New Mexico OCD & discussed plugging of well, OCD required making a "good faith" effort to reenter 8⁵/₈" csg, need cmt plug over the salt section, pulled bit, PU 7³/₄" rough OD flat btm mill & 3-7⁷/₈" IB stabilizers, ran on 6¹/₂" DC & 4¹/₂" DP, 7³/₄" mill tagged up @ 1386', PU kelly, milled from 1386'-1394' (8') in 3 hrs, mill torquing