

# COBRA OIL & GAS CORPORATION

P. O. Box 8206 Wichita Falls, Texas 76307-8206 (940) 716-5100

## DAILY DRILLING REPORT

COBRA OIL & GAS CORPORATION, OPERATOR

Page 5

### 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

07/20/97: up from 1391'-1394', recov redbed, cmt & metal shavings, running 2000# on mill w/36 RPM, milled 1394' (cont'd.) to 1508' (114') in 4 hrs.

07/21/97: **TD 4,325'. DAY 11**, RD rig. **TIME:** 3.5 hrs LDDP, TIH, .25 hr circ, .5 hr plug @ 1457', .25 hr TOOH, 2 hrs WOC, .25 hr TIH, tag @ 1382', .25 hr set plug @ 1382', .25 hr TOOH, 1.75 hrs WOC, 3.25 hrs TIH, tag @ 963', 1.25 hrs LDDP, 2.56 hrs ND, cut off head, set surf plug, 8 hrs RD.  
Remarks: Samples-redbed, mill is outside 8<sup>5</sup>/<sub>8</sub>" csg, contacted OCD, received OK to P & A well, pulled mill, LD DC & DP, ran DP openended, tagged @ 1425', worked DP to 1457', spotted plug #1 w/150 sx Class C w/3% CaCl @ 1457', WOC @ 10:50 AM, 7/20/97, tagged plug after 2 hrs @ 1382', had 75' fill (1457'-1382'), spotted plug #2, 125 sx Class C plus 25 sx Class C w/3% CaCl, WOC @ 1:50 PM, 7/20/97, btm of plug @ 1382', WOC 2 hrs, ran DP to tag plug, cmt not set up, not taking wt, pulled DP, pulling wet, could not pmp down DP w/2000 psi, pulled PD wet, 16 jts DP full of cmt, LD DP, WOC 2 hrs, ran DP, tagged top plug #2 @ 963', plug #2 (1382'-963') 419', called OCD in Hobbs, Charlie Parinea, obtained OK on plugging job, ND BOP, cut off 13<sup>3</sup>/<sub>8</sub>" & 8<sup>5</sup>/<sub>8</sub>" csg 3' below GL, spotted 25 sx cmt surf plug, welded plate on csg.

### WELL P & A'd, 7/20/97.

07/22/97: Scientific Drilling International ran directional surveys on well as follows.

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'
140	1.00	Due E	140	140.0	- 1.2	0.0 S 1.2 E	0.71
380	0.25	Due E	240	380.0	- 3.8	0.0 S 3.8 E	0.31
902	0.50	N 85.00 E	522	902.0	- 7.2	0.2 N 7.2 E	0.05
1,380	0.59	Due E	478	1,378.9	-11.4	0.4 N 11.4 E	0.01
1,469	1.25	S 35.00 E	89	1,468.9	-12.4	0.4 S 12.4 E	1.18
1,890	0.00	Due N	421	1,889.9	-15.0	4.2 S 15.0 E	0.30
2,404	0.50	S 5.00 E	514	2,403.9	-15.2	6.4 S 15.2 E	0.10
2,883	0.75	S 80.00 W	479	2,882.9	-12.3	9.0 S 12.3 E	0.18
3,393	0.75	N 5.00 W	510	3,392.8	- 8.7	6.3 S 8.7 E	0.22
3,870	0.50	Due N	477	3,869.8	- 8.4	1.1 S 8.4 E	0.05
4,284	0.75	N 5.00 E	414	4,283.8	- 8.7	3.4 N 8.7 E	0.06

Final closure direction N 68.55 E, final closure distance 9.311'.

### RIG TO BE SKIDDED OVER

### WELL TO BE RENAMED STATE 16 #1Y

FINAL REPORT UNTIL RIG MOVES