

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO.

30 039 25137

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil &amp; Gas Lease No.

V-2258

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL WELL ☒ GAS WELL ☐

OTHER

2. Name of Operator

BCO, INC.

3. Address of Operator

135 GRANT SANTA FE, NEW MEXICO

4. Well Location

Unit Letter C : 1170 Feet From The NORTH Line and 2040 Feet From The WEST Line

Section 16

Township 23N

Range 7W

NMPM

RIO ARRIBA

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

GL: 7240'

11.

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐ CHANGE PLANS ☐PULL OR ALTER CASING ☐OTHER: ☐REMEDIAL WORK ☐ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐PLUG AND ABANDONMENT ☐CASING TEST AND CEMENT JOB ☐OTHER: Complete & place in production ☒OIL CON. DIV  
DIST. 3

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

5/23/92 Moved completion rig on location. Ran Cement Bond Log and Variable Density Log. Could not get to PBDT. Tested casing to 4000 PSIG. Casing held. (Halliburton Logging Service PBDT 5736'.) Perforated Gallup with 3 1/8" select fire charges for 0.32" EHD at 5480', 5485', 5594', 5598', 5612', 5659', 5682', 5686'. Had trouble with gun centralizers and had to fish one. Shut down for Sunday and Memorial Day.

5/26/92 Ran in hole w/PPI Packer on 6' spacing. Cleaned tubing and casing with 400 Gal 10% HCL. Broke down Perfs as follows with a total of 1000 Gal 7.5% HCL.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE Petroleum Engineer

DATE 6/1/92

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ

TITLE

SUPERVISOR DISTRICT #3

DATE JUN - 2 1992

CONDITIONS OF APPROVAL, IF ANY:

BCO, Inc.  
135 Grant  
Santa Fe, New Mexico 87501

SUNDRY NOTICES AND REPORTS ON WELLS

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PERF	Rate x PRES	ISIP	3-MIN	$\Delta P$ PIPE	$\Delta P$ PERFS	HOLE SIZE
5480'	2.8 x 3034	650		658	1726	.33
5485'	2.8 x 3400	780		658	1926	.32
5594'	2.9 x 3180	885		700	1625	.34
5598'	Could not inject					
5612'	1.5 x 1800	600				.28
5659'	Could not inject					
5682'	2.3 x 4000	650		466	2884	.27
5686'	2.4 x 4033	700		500	2833	.27

All perfs down Annulus: 6.7 BPM x 2487 PSIG ISIP 714. HS=.21"  
avg if 6 perfs taking fluid. Rigged up Petro Wireline and  
performed additional 0.32" holes at 5684" and 5596". Plan to frac.

5/27/92 Rigged up Halliburton to frac with 280,000 lbs 16/30 Brady  
Sand in 131,000 Gal 70 Quality CIP N2 foam at 25 BPM foam  
rate. Job pumped as follows:

- 30,000 gal PAD @ 3600 PSIG;
- 8,000# @ 1# 3400 PSIG,
- 12,000# @ 1.5 @ 3116 PSI,
- 40,000# @ 2# @ 2950 PSI,
- 50,000 # @ 2.5# @ 2900 PSI;
- 60,000# @ 3# @ 2880 PSI;
- 60,000# @ 4# @ 2845 PSI;
- 50,000 # @ 5# @ 2760 PSI.

ISIP 1492 PSIG 5M-1386#, 15M-1363#. Opened well on  
1/2" choke one hour after frac. (Note: Frac spearheaded  
with 1000 Gal 7.5% HCL - then shut down for 15 minutes.)

Note: N.L. Duncan calculated an average hole size of  
0.38" for 10 holes during PAD. ( $\Delta P$  Perfs = 672  
PSI). All 10 perfs seem to be open. Problems  
during breakdown may have been caused by poor  
penetration.

5/28/92 Well made 17.92 Bbl to tank in 13 hours. 15% oil.  
5/8" choke. Rigged up Halliburton for nitrogen clean-  
out. RIH w/tubing. Tagged sand @ 5560' and cleaned out to  
5758'. (Halliburton Logging Service PBTD was wrong).  
Landed tubing @ 5674'. BHA as follows: Sawtooth collar,  
SN and 172 Jts 2 3/8" 4.7# J-55 EUE tubing. Charged tubing  
and casing to 800 PSI w/nitrogen. Tested well.

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6/1/92    Well operating on plunger lift. Turning on at casing pressure of 330 PSIG, tubing 210 PSIG. Piston making 27 trips per day.