

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 1004-0135
(Other instructions on reverse side)

Expires August 31, 1985

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" for such proposals.)

RECEIVED

JUN 28 1993

OIL CON. DIST. 2

5. LEASE DESIGNATION AND SERIAL NO.

NM-16586

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal I

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

Lybrook Gallup

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SEC 21 T23N R7W NMPM

12. COUNTY OR PARISH 13. STATE

Sandoval

New Mexico

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

BCO, INC.

3. ADDRESS OF OPERATOR

135 Grant, Santa Fe, NM 87501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

420' FNL - 970' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL: 7250'

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Complete & place in production ☒

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

4/14/93. Petro Wireline ran Gamma Ray Log from TD to surface. Ran Compensated Neutron Log and Cement Bond Log over selected intervals. Petro Wireline is to provide required copies of logs to Oil Conservation Division & Bureau of Land Management..

5/04/93. HB&R pressure tested 4 1/2" long-string casing at 4000 pounds for 30 minutes. Casing held pressure.

5/24/93. Petro Wireline perforated with one 0.39" select fire shot at 5416', 5421', 5426', 5526', 5536', 5542', 5553', 5580', 5596', 5616', 5624', 5632', and 5656'.

6/09/93. Rigged up completion rig..

6/10/93. Went in with 2 3/8" tubing and bit. Cleaned cement 5749' which is PBTD. Came out of hole..

RECEIVED
BLM
JUN 22 AM 11:17
FARMINGTON NM

18. I hereby certify that the foregoing is true and correct

SIGNED Elizabeth B. Keesha TITLE President

(This space for Federal or State office use)

DATE June 21, 1993

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD

DATE

JUN 23 1993

*See Instructions on Reverse Side

NMOCD

FARMINGTON DISTRICT OFFICE

BY

SM

Operator: BCO, Inc.
135 Grant
Santa Fe, NM 87501

SUNDRY NOTICE & REPORTS ON WELLS

**PAGE TWO
FEDERAL I #6**

6/11/93 Went in hole with Halliburton Straddle Packer and 2 3/8" tubing. Spotted 1890 gallons of 7 1/2 percent FE-HCL acid down the tubing, displaced with 2% KCL water. Perforations were individually isolated and broken down with 3 barrels of acid per perforation. Tubing and packer were removed from well for frac.

6/14/93 Rigged up Halliburton to frac. Treated 66,630 gallons of water with 120 gallons of Clayfix II, 490 gallons of LGC-V, 302 gallons of AQF-2, 128 gallons of 3-N, 15 pounds of BE-6, 4 pounds of GBW-3, 75 pounds SP-Breaker, and 68 gallons of Scalecheck LP-55. Sand water foam frack (70 quality N2 foam) 5416' to 5656' with 183,123 gallons of foam, 421,200 pounds of 16/30 Brady sand and 3,137,040 standard cubic feet of Nitrogen. The average treating pressure was 3,900 PSIG at 45 foam barrels per minute. ISIP was 2800 PSIG, 2289 PSIG at 5 minutes, 2245 PSIG at 10 minutes. Well was opened on a 1/2" positive choke.

6/15/93 Killed well. Went in with tubing to clean sand to PBTD at 5749'. Landed tubing at 5643'. Kicked well off with 33,200 standard cubic feet of Nitrogen. Placed well in production to clean up.

6/20/93 Determined initial potential of well to be 37 BOPD, 6 BWPD, 213 MCF/day. casing pressure 505 PSIG, flowing tubing pressure 260 PSIG.