

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FORM NO. 100-10
MAY 1980 EDITION
G.S. 100-10

THIS FORM IS
REGULATORY NO. 42-R1574

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different formation.
Use "APPLICATION FOR PERMIT" for such proposals.)

5. LEASE IDENTIFICATION AND SURVEY NO.
NM-16586

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal I

9. WELL NO.
1

10. FIELD AND FORM. OF WILDCAT
Alamito Gallup

11. SEC. T. R. M. OR BLM AND
SURVEY OR AREA
Sec. 33 T23N R7W

12. COUNTY OR PARISH
Sandoval

13. STATE
NM

1. OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

BCO, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 669 Santa Fe, New Mexico 87501

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

1850' FNL 1700' FEL Sec. 33 T23N R7W

14. PERMIT NO.

15. ELEVATIONS (Show whether DT, RT, CC, etc.)
GR 6888

RECEIVED
JUN 20 1988
OIL CON. DIV.
DIST. 3

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)

REPAIR OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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 and
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and
pertinent to this work.)

May 17, 1988 Rigged up. Went in with bridge plug and packer. Set bridge plug at 4532'.
Tested tools. Shut in well.

May 18, 1988 Discovered packer was leaking. Went in hole with new packer. Located holes
between 1896' and 1912' and 2235' and 2250'. Came out of hole with packer.
At 5:00 p.m. received verbal permission from Mark Kelly of BLM to squeeze.
Dropped 10 gallons of sand on bridge plug.

May 19, 1988 Cemented with 250 sacks Class B cement with 2% CaCl mixed at 16.4 lbs with a
yield of 1.06 (approximately 47 bbls slurry) and 265 cubic feet. Treating
pressure of 600 lbs. Held 1150 lbs at end of job.

May 20, 1988 Tripped in hole with bit. Tagged cement at 1783'. Drilled good cement to 1877'.

May 23, 1988 Fell through good cement at 2116', 119' above top of bottom hole. Came out of
hole with bit. Went in with packer. Set packer at 1970' and tested. Top hole
held for 30 minutes. Shut in well. Called Bill Blackard of BLM and notified
him that lower hole was not repaired. Received verbal permission to squeeze.

May 24, 1988 Set packer at 1942'. Established rate of .8 bpm. Squeezed with 100 sacks
Class B cement with 2% CaCl mixed at 15.6 lbs with a yield of 1.18 (approximately
21 bbls slurry) and 118 cubic feet. Treating pressure of 1000 lbs. Released

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

SIGNED Elizabeth B. Keeshan TITLE Vice President

DATE June 13, 1988

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD

DATE JUN 15 1988

FARMINGTON RESOURCE AREA

BY KK

*See Instructions on Reverse Side

Operator: BCO, Inc.
135 Grant Ave.
Santa Fe, N.M. 87501

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May 24, 1988 packer. Came out of hole with packer.

May 25, 1988 Tagged cement at 2036'. Drilled good cement to 2339'. Left shut in.

May 26, 1988 Drilled good cement to 2877'. Cleaned out hole.

May 27, 1988 Drilled good cement to 2975'. Fell through. Pressure tested. Not holding. Set packer at 3003'. Located hole between 3347' and 3362'. Set bridge plug at 3536'. Set packer at 3034'. Opened hole to 1/2 bbl a minute with 1300 lbs pressure. Came out of hole with packer. Dropped 10 gallons sand on bridge plug. At 4:20 p.m. called Mark Kelly of BLM and received permission to squeeze.

May 28, 1988 Went in hole with packer. Set packer at 3034'. Mixed 50 sacks Class B cement with 1% CaCl at 15.6 lbs with a yield of 1.18 cubic feet (about 10 bbls slurry) and 59 cubic feet. Locked up with 3/4 bbls cement in tubing. Pressured up to 2000 lbs. Cement tried to come back. Closed valve. Waited 15 minutes. Reopened; cement held. Got packer out of hole. Went in with bit. Tagged cement at 3031'. Drilled good cement to 3450'. Fell through. Pressure tested and held.

May 30, 1988 Pressure tested and held. Came out of hole with bridge plug. Landed tubing at 5155'. Swabbed well. Broke sand line and lost 150' of line and sinker bars.

May 31, 1988 Came out of hole and got sand line and sinker bars from seat nipple. Swabbed well in. Dropped piston. Placed well back in production.