

1 Stephenson
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

1 Crout
SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

1 Joe Mazzola 1 Pet Info.
FOOD PROTECTED
BUDGET CATEGORY No. 40-R1:
5. LEASE DESIGNATION AND ACREAGE

SF-078272

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.
See APPLICATION FOR PERMIT for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

BCO, Inc.

3. ADDRESS OF OPERATOR

135 Grant, Santa Fe, New Mexico 87501

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

1750' FSL 790' FEL Sec. 3 T23N R7W

14. PERMIT NO.

15. ELEVATIONS (Show whether DP, RT, CR, etc.)

GR 6960

6. IF INDIAN, ALLOTTEE OR TRIBAL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Dunn

9. WELL NO.

3

10. FIELD AND 10-4, OR WILDCAT

Basin Dakota

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

Sec. 3 T23N R7W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

N.M.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PCCL OR ALTER CASINO

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASINO

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

10-11-80 to 10-14-80 Drill out two DV tools and cement to new PBTD of 6521. Spotted 500 gals. 7 1/2 % double inhibited mud acid.

10-15-80 Ran cement bond with nuclear log. Cement bond looks poor, but, it is the operators opinion we have good cement from the PBTD to the surface. This conclusion is supported by the way our frac on 10/17/80 reacted. Pressure tested casing and determined we had a very small leak in it, i.e. bled off from 3000 to 2500 in 10 minutes.

10-16-80 Determined hole in casing was at the 2661 DV tool. Perforated 6484-6490 with 6 shots, one foot apart and 6309-6314 with 5 shots, one foot apart.

10-17-80 Ran packer on 2750' of 2 7/8 tubing to get below small hole at 2661. Broke down formation at 1700#'s. Ran 750 gallons 15% double inhibited mud acid in front of pad and sand water fracked with 122,200 gallons 15# gel water and 160,000#'s 20-40 sand. Average treating pressure 29 Bbls. per minute at 4700 #'s. Shut in pressures were: instant 2150, 5 min. 1925, 15 min. 1875. Opened well up to flow back 2 hours after frac was completed. For frac purposes 120,000 gallons of water was mixed with 120 gallons Frac Flo II, 120 gallons LP55, 120 #'s GBW-3, 141,000 gallons of water was gelled to 15 #'s with 2700 #'s of WG-6.

10-18-80 to 10-24-80 Swabbed well and recovered approximately 2000 Bbls. of frac water. Pulled 2 7/8 and packer out of hole and ran 6510' of 2 3/8 tubing with a packer at 2750 to keep hole at 2661 from thieving oil and gas.

10-25-80 Well was potentialized at 750 MCF, 10 BOPD, and 120 Bbls. of frac water. Shut well in for production equipment to be installed and gas line hooked up. It is anticipated well will be placed back in production on or about November 1, 1980.

Note: It is the operators intention to determine if the hole at 2661 has increased enough to allow a squeeze repair in 1981. In the meantime, we intend to keep the packer set at 2750 in the hole.

Attachments: 2 copies of log run 10-15-80 to U.S.G.S. and 1 copy to OCC

RECEIVED

OCT 31 1980

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.



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

SIGNED

Harry R. Bigh

TITLE

President

ACCEPTED FOR DEPOSIT

DATE

10/30/80

(This space for Federal or State office use)

APPROVED BY

TITLE

1980

CONDITIONS OF APPROVAL, IF ANY:

DATE

FARMINGTON, N. M.

BY