

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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	2. NAME OF OPERATOR BCO, INC.	3. ADDRESS OF OPERATOR 135 Grant Ave., Santa Fe, N.M. 87501	4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2310' FSL and 820' FWL, Sec 10 T23N R7W Rio Arriba County, N.M.	5. LEASE DESIGNATION AND SERIAL NO. SF-078272	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	7. DEED AGREEMENT NAME	8. FARM OR LEASE NAME Dunn	9. WELL NO. 14	10. FIELD AND POOL, OR WILDCAT Undesignated Graneros/ Lybrook Gallup	11. SEC., T., R., M., OR R.M., AND SURVEY OR AREA Sec. 10 T23N R7W NMPM	12. COUNTY OR PARISH Rio Arriba	13. STATE New Mexico
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 7441											

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF  
FRACTURE TREAT  
SHOOT OR ACIDIZE  
REPAIR WELL  
(Other)

PULL OR ALTER CASING  
MULTIPLE COMPLETE  
ABANDON\*  
CHANGE PLANS

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 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.)\*

July 1, 1988

Moved to location. Rigged up. Tagged cement at 4912'.

Drilled to 5015' where tagged DV tool. Drilled through DV.

Tagged cement at 6843'. Drilled to 6875' which is PBTD.

Rolled hole with KCL. Came out.

Schlumberger

logged cement from 6880' - 5210'

copies of Cement Bond Log to BLM and one to OCD. Determined top of

first stage cement is 5234'. Pressure tested at 3000 lbs. Held.

Perforated with one 3-1/8" 0.39" select fire shot at 6808',

6806', 6804', 6755', 6752', 6750', \_\_\_\_\_, \_\_\_\_\_,

July 6, 1988

Went in with straddle packers. Spotted 1000  
gallons 15% double inhibited HCL acid. Broke down each perforation.

I hereby certify that the foregoing is true and correct

SIGNED Elizabeth B. Keeshan TITLE Vice President

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

NMCCB

\*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

BY EH

## SUNDRY NOTICES AND REPORTS ON WELLS

Lease No. SF-078272

Dunn 14

135 Grant  
Santa Fe, N.M. 875

Page Two

July 7, 1988

Treated 28,000 gallons of water with 120 gallons TRI-S, 45 gallons of 3N, 2000 lbs KCL, 25 gallons LP55 scalecheck, 450 lbs WG-11, 38 lbs HYG-3, 38 lbs K-34 and 15 lbs GBW-30, 1/2 gallon CL-II, and 25 gallon BE-4. Sand water foam fracked (70%) 6750 '- 6808 ' with 71,800 gallons of foam, 106,000 lbs 20/40 sand, 1,728,000 standard cubic feet of nitrogen. Average treating pressure 4740 lbs at 20 foam bbls per minute. ISIP 3980, 5 min 3600, 10 min 3580, 15 min 3570. Cleaned out Graneros with nitrogen at 2:25 p.m. Swabbed and tested formation.

July 8, 1988

Notified Steve Mason of BLM that Graneros was tight. Received verbal permission to set bridge plug and spot cement on top to abandon.

July 11, 1988

Set bridge plug at 5975'. Spotted 5 sacks of cement on top. PBSD determined to be 5968'. Came out of hole. Pressure tested plug at 2500 lbs. Perforated with one 3-1/8" O. 39 " select fire shot at 5898 ', 5886 ', 5884 ', 5882 ', 5880 ', 5790 ', 5778 ', 5774 ', 5770 ', 5766 ' and 5762 '. Set straddle packers.

July 12 & 13, 1988

Spotted 1500 gallons 15 % double inhibited HCL acid. Broke down each perforation.

July 19, 1988

Treated 60,000 gallons of water with 300 gallons TRI-S, 120 gallons of 3N, 5600 lbs of KCL, 60 gallons LP-55 scalecheck, 1260 lbs WG-11, 100 lbs HYG-3, 300 lbs K-34 and 35 lbs GBW-30. Sand water foam fracked (70%) 5762 '- 5898 ' with 114,360 gallons of foam, 355,300 lbs 20/40 sand, 3,300,290 standard cubic feet of nitrogen. Average treating pressure 4480 lbs at 40 foam bbls per minute. ISIP 2200, 5 min 1980, 10 min 1960, 15 min 1960.

July 20, 1988

Well flowing to frac tank.

Went in with expandable check on 2-3/8" tubing. Tagged sand at 5886 '. Cleaned out to 5968 '. Landed 2-3/8" tubing at 5894 '. Pumped out expandable check.

July 28, 1988

Determined initial potential of Gallup is 13 BOPD and 65 MCF of gas with 2 bbls of recovered frac water. Tubing pressure was 310 ; casing pressure 555 .