5 BLM; 1 HLB, RR, DS, file

(Former) DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Budget Bureau No. 42-R1424.5
5. LEASE DESIGNATION AND SERIAL NO.: SF-078272
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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.)

7. UNIT AGREEMENT NAME:

1. OIL WELL [XX] GAS WELL [ ] OTHER

8. FARM OR LEASE NAME: Dunn

2. NAME OF OPERATOR: BCO, INC.

9. WELL NO.: 13

3. ADDRESS OF OPERATOR: 135 Grant Ave., Santa Fe, N.M. 87501

10. FIELD AND POOL, OR WILDCAT: Lybrook Gallup

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 900' FNL and 960' FEL, Sec 4 T23N R7W Rio Arriba County, N.M.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 4 T23N R7W NMPM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 7029

12. COUNTY OR PARISH: Rio Arriba

13. STATE: New Mexi

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	XX	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	XX	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(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.)*

7/20/88 — Moved to location. Rigged up. Tagged cement at 4587'.

7/21/88 — Drilled to 4713' where tagged DV tool. Drilled through DV. Rolled hole with KCL.

7/22/88 — Schlumberger logged cement from 5774' - 4600'. Schlumberger will send two copies of Cement Bond Log to BLM and one to OCD. Determined top of first stage cement is 4960'. Pressure tested at 3000 lbs. Held. Received permission from BLM to amend APD by not completing Graneros. Set drillable bridge plug at 5725'. Put 5 sacks cement on top of plug with cement bailer. Perforated with one 3-1/8" 0.39" select fire shot at 5348', 5468', 5472', 5478', 5482', 5494', 5498', 5596', 5600', 5604', 5608' and 5643'. Went in with straddle packers.

7/23/88 — Spotted 1500 gallons 15 % double inhibited HCL acid. Broke down each perforation. Tagged bottom at 5704' which is PBTD.

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

SIGNED Elizabeth B. Keeshen TITLE Vice President DATE 7/29/88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
AUG 04 1988
OIL CON. DIV.
DIST. 3

ACCEPTED FOR RECORD
AUG 02 1988
FARMINGTON RESOURCE AREA
BY [illegible]

NMOCC

*See Instructions on Reverse Side

7/25/88 — Treated 61000 gallons of water with 350 gallons TRI-S, 122 gallons of 3N, 5000 lbs KCL, 61 gallons LP55 scalecheck, 1250 lbs WG-11, 150 lbs HYG-3, 350 lbs K-34 and 35 lbs GBW-30. Sand water foam fracked (70 %) 5348 '- 5643 ' with 93240 gallons of foam, 396554 lbs 20/40 sand, 3511535 standard cubic feet of nitrogen. Average treating pressure 3400 lbs at 48 foam bbls per minute. ISIP 2550 , 5 min 1810 , 10 min 1790 , 15 min 1770 .

7/26/88 — Well flowing to frac tank. Tagged sand at 5646 '. Cleaned out to 5704 '. Came up hole and landed 2-3/8" tubing at 5639 '. Pumped out expandable check. Put to flow.

7/27/88 — Determined initial potential of Gallup is 100 BOPD and 1000 MCF of gas with 25 bbls of recovered frac water. Tubing pressure was 155 ; casing pressure 375 .