

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Project Design No. 1004-0135  
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 drilling operations.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		JUN 28 1993		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR BCO, Inc.		OIL CON. DIV DIST. 3		8. FARM OR LEASE NAME Federal "B"	
3. ADDRESS OF OPERATOR 135 Grant Avenue, Santa Fe, New Mexico 87501				9. WELL NO. 15	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1708' FSL x 976' FEL - Sec 27 T23N R7W				10. FIELD AND POOL, OR WILDCAT Alenita Lybrook Gallup	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7252' GL		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/4 SE/4 Sec 27 T23N R7W	
				12. COUNTY OR PARISH Sandoval	
				13. STATE New Mexico	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)			

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other) Complete & place in production	<input checked="" type="checkbox"/>		

(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 cased hole gamma ray log from TD to surface. Cased hole compensated Neutron and CBL were run over selected intervals. Petro Wireline provided copies to Oil Conservation Division & Bureau of Land Management. Loggers TD is 5632'.

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 5393', 5398', 5404', 5510', 5518', 5524.5', 5544', 5542', 5556', 5566', 5583', 5598', and 5612'.

6/03/93 Rigged up completion rig.

6/04/93 Went in with 2 3/8" tubing and bit. Cleaned cement to 5659' which is PBTD. Came out of hole.

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

SIGNED Elizabeth B. Keeshan TITLE President

DATE June 16, 1993

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

ACCEPTED FOR RECORD

JUN 29 1993

\*See Instructions on Reverse Side

FARMINGTON DISTRICT OFFICE

BY smm

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

**SUNDRY NOTICE & REPORTS ON WELLS**  
**PAGE TWO**  
**FEDERAL B #15**

6/07/93 Went in hole with straddle packer and 2 3/8" tubing. Spotted 1890 gallons of 7 1/2% FE-HCL down the tubing, displaced with 2% KCL water. Perforations were individually isolated and broken down with 3 barrels acid per perforation. Came out of hole with tubing ready for frac.

6/08/93 Rigged up Halliburton to frac. Treated 65,600 gallons of water with 124 gallons of Clayfix II, 460 gallons of LGC-V, 295 gallons of AQF-2, 116 gallons of 3N, 15 pounds of BE-6, 5 pounds of GBW-3, 80 pounds SP-Breaker, and 65 gallons of Scalecheck LP-55. Sand water foam fracked (70% quality N2 foam) 5393' to 5612' with 206,995 gallons of foam, 425,960 pounds of 16/30 Brady sand and 2,813,430 standard cubic feet of Nitrogen. The average treating pressure was 3,300 PSIG at 39 foam barrels per minute. ISIP was 2826 PSIG, 2150 PSIG at 5 minutes, 2140 PSIG at 10 minutes. Well was opened on a 1/2" positive choke.

6/09/93 Killed well. Went in with tubing to clean sand to PBTD at 5659'. Landed tubing at 5605'. Kicked well off with 62900 standard cubic feet of Nitrogen. Placed well in production to clean up.

6/15/93 Determined initial potential of well to be 63 barrels oil, 14 barrels water and 233 MCF of gas in 24 hours. Flowing casing pressure 695 PSIG, flowing tubing pressure 250 PSIG.

RECEIVED  
BLM  
JUN 17 AM 11:55  
070 FARMINGTON, NM