

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau 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 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"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-8005	
2. NAME OF OPERATOR BCO, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 135 Grant, Santa Fe, NM 87501		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 475' FSL & 2185' FEL		8. FARM OR LEASE NAME Federal D	
14. PERMIT NO.		9. WELL NO. 3	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 6815'		10. FIELD AND POOL, OR WILDCAT South Bisti Gallup Ext	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 3, T23N, R9W, NMPM	
		12. COUNTY OR PARISH San Juan	
		13. STATE NM	

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

TEST WATER SHUT-OFF <input type="checkbox"/>		PULL OR PLUG Casing <input type="checkbox"/>		WATER SHUT-OFF <input type="checkbox"/>		REPAIRING WELL <input type="checkbox"/>	
FRACTURE TREATMENT <input type="checkbox"/>		MULTIPLE COMPLETE <input type="checkbox"/>		FRACTURE TREATMENT <input type="checkbox"/>		ALTERING CASING <input type="checkbox"/>	
SHOOT OR ACIDIZE <input type="checkbox"/>		ABANDON* <input type="checkbox"/>		SHOOTING OR ACIDIZING <input type="checkbox"/>		ABANDONMENT* <input type="checkbox"/>	
REPAIR WELL <input type="checkbox"/>		OTHER PLANS <input type="checkbox"/>		(Other) Complete & place in production <input checked="" type="checkbox"/>			
(Other) <input 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.) *

7/15/91 Rigged up. Picked up 2 3/8" tubing with bit. Went in hole.

7/16/91 Drilled out DV tool and cement above float. Rolled hole with water treated with Clay-Fix II. Petro Wireline logged cement. Petro Wireline will provide BLM and OCD with copies. Determined PBDT is 4992'.

7/17/91 Pressure tested casing at 4000 # for 30 minutes. Casing held. Petro Wireline perforated with one 0.32" shot at 4718, 4822, 4828, 4834, 4866, 4872, 4878, 4902, 4908, 4914, 4928. Went in hole with straddle packers and 2 3/8" tubing.

Spotted 500 gallons 7 1/2% FEHCl and broke down each perforation. Swabbed.

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

SIGNED Elizabeth B. Keeshan TITLE President DATE 7/26/91

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
AUG 15 1991

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

BCO, Inc.
135 Grant
Santa Fe, New Mexico 87501

SUNDRY NOTICES AND REPORTS ON WELLS

Lease No: NM-8005

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- 7/18/91 Swabbed. Came out of hole with tubing and packers. Rigged up to frac.
- 7/22/91 Treated 53,565 gallons of water with 240 gallons AQF-2, 110 gallons of 3N, 118 gallons of Clay-Fix II, 55 gallons LP55 scalecheck, 400 gallons LGC-V, 30 pounds BE-5 and 72 pounds GBW-3, 15 gallons BA-20, 41 pounds Optiflo AP.
- Sand water foam frack (70%) 4718' - 4928' with 171,223 gallons of foam, 327,000 lbs, 16-30 Brady sand, 2,780,650 standard cubic feet of nitrogen.
- Average treating pressure 2,726 lbs at 27 foam bbls per minute. ISIP 845, 5 min. 841, 10 min. 832, 15 min. 804.
- Opened well to blow frack back to reserve tank. Put to production tank about midnight when discovered that wind was blowing returns of foam frac fluid out of location.
- 7/23/91 Killed well. Notified Dale Wirth of BLM surface management that foam frac fluid had blown over sagebrush outside of location and had lightly coated the archaeological site at the western edge of the location. Later in day were instructed to wash vegetation and have contract archaeologist visit site and file report. (Patricia Hancock of DCA is scheduled to visit site Saturday, July 27, 1991.) Went in hole with expandable check and 2 3/8" tubing. Tagged sand at 4903. Cleaned out sand to PBTD. Landed 2 3/8" tubing at 4887' and pumped check. Placed well in production.
- 7/24/91 Dropped piston stop, spring and piston to intermit well.
- 7/25/91 Scat Hot Wash washed down vegetation coated with foam frac fluid.
- 7/26/91 Potentialled the well at 47 bopd 70 MCF natural gas 70 MCF N₂ 25 barrels recovered frac water with flowing tubing pressure of 150 and casing pressure of 550 on a 19/64 choke.