

Form 1000-1
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

PERMIT IN TRIPLICATE
(Other instructions on reverse side)

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 GAS WELL OTHER

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.) 400' FSL and 2240' FWL
At surface Section 31, T23N R7W NMPM, Sandoval County, N.M.

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, CL, etc.)
GR 6830

3. LEASE DESIGNATION AND SERIAL NO. NM 6681

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Federal C

9. WELL NO. 3

10. FIELD AND POOL, OR WILDCAT Alamito Gallup

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 31 T23N R7W NMPM

12. COUNTY OR PARISH Sandoval 13. STATE New Mexico

RECEIVED
68 JUL 28 AM 11:39

FARMING OFFICE 7 DE AREA
SANDOVAL COUNTY, N.M. TEXAS

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <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"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Drilling progress</u> <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.)*

7/13/88 - 7/17/88 Drilled 7-7/8" hole to 5060'. Bits were run as follows:

Bit #	Type	Date Out	Footage Out	Rotation Hours	Feet Drilled	Avg. Hour	Devl
1	OSC1G	7/12/88	224	2 3/4	224	81	1/2°
2	L116	7/13/88	1867	12	1643	137	1°
3	584F	7/17/88	5060	87 1/4	3193	37	2°
4							

July 18, 1988 Ran Dual Induction-SFL and Simultaneous Compensated-Neutron-Litho-Density Schlumberger will mail two copies of each log to the BLM and one copy to the OCD. Logs.

July 18, 1988 Advised Mark Kelly at 3:15 p.m. with the BLM that we intend to start cementing long string on this well between 5:00 a.m. and 8:00 a.m. on July 19, 1988.

18. I hereby certify that the foregoing is true and correct
SIGNED Elizabeth B. Keeshan TITLE Vice President DATE 7/22/88

(This space for Federal or State use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

JUL 28 1988
OIL CON. DIV.
NMOCC DIST.

*See Instructions on Reverse Side

SUNDRY NOTICES AND REPORTS ON WELLS

Lease No: NM-6681
Federal C-3

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Schlumberger discovered T.D. at 5026. Driller circulated fill out of hole before casing was run. T.D. according to driller is 5050.

7/19/88

Ran 5047 ' of 11.6# J-55 4½' casing. ^{set at 5047.} One stage long string cement job was run from T.D. to surface. Pumped 5 bbls fresh water; 10 bbls CaCl water; 10 bbls fresh water; 24 bbls Flocheck 21. Washed pumps. Pumped 5 bbls fresh water. The lead cement was 750 sacks 65/35 Class H/PozMixA cement mixed with 3% Gel, 12½ lb Gilsonite per sack, 10% salt, 10% CalSeal (about 238 bbls slurry) mixed at 13 lbs per gallon with a yield of 1.78 cubic feet per sack, or 1335 cubic feet. This was followed by the tail cement 150 sacks Class H with 2% CaCl, 8 lbs salt, ½ lb Flocele, 6½ lbs Gilsonite (about 37 bbls slurry) mixed at 15.2 lbs with a yield of 1.37 cubic feet per sack or 205 cubic feet. Cement was designed to circulate. Circulated approximately 31 bbls of cement. Float did not hold. Held 2200 pounds pressure for two hours. Still getting some returns. Held 2200 pounds for another hour. No returns when pressure released. Rig moved off location. Waiting on cement to set and for completion unit.