

Form 9-336
(Rev. 5-62)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

NM-6682

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal B

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Undesignated Gallup

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

34 T23N R7W NMPM

12. COUNTY OR PARISH

Sandoval

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT **END LOG ***

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other

2. NAME OF OPERATOR
Bco, Inc.

3. ADDRESS OF OPERATOR
P.O. Box 669 Santa Fe, NM 87501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1830 FNL 1840 FEL Sec 34 T23N R7W NMPM
At top prod. interval reported below SAME
At total depth SAME

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 9-23-78 16. DATE T.D. REACHED 10-3-78 17. DATE COMPL. (Ready to prod.) 11-18-78 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6936 Gr. 19. ELEV. CASINGHEAD 6938

20. TOTAL DEPTH, MD & TVD 5402 21. PLUG, BACK T.D., MD & TVD 5350 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ALL

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5024 - 5274 Gallup 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electrical, Compensated density, gamma ray neutron, cement (10-14-78), cement (11-16-78), collar locator 27. WAS WELL CORED NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	142	12 1/4	100 sacks	(Squeeze)
4 1/2	10.5#	5401	7 7/8	415 & 625 & 170 sacks	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	5300	

31. PERFORATION RECORD (Interval, size and number)
1 3 1/8" select fire shot at 5024, 5029, 5143, 5147, 5151, 5160, 5167, 5190, 5194, 5208, 5226, 5240, 5246, 5266 and 5274

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5024-5274	500 gals 15% MCA, 90,000# 10-20 sand, 72,500 gals. of treated gel water.

33.* PRODUCTION
DATE FIRST PRODUCTION 11-18-78 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) gas lift WELL STATUS (Producing or shut-in) producing

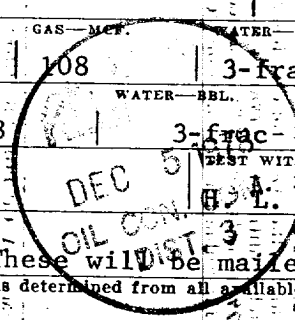
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-30-78	24	OPEN	→	27	108	3-frac	4000

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented thru 11-30-78. Should start selling 12-3-78

35. LIST OF ATTACHMENTS
All were previously sent except logs run 11-16-78. These will be mailed when we receive them.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNED Harry R. Bigbee TITLE President DATE 11-30-78

*(See Instructions and Spaces for Additional Data on Reverse Side)



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

FORM APPROVED
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

NM 6682

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.)

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal B

9. WELL NO.

2

10. FIELD AND FORM, OR WILDCAT

Undesignated Gallup

11. SEC., T., E., M. OR BLK. AND SURVEY OR AREA

Sec. 34 T23N R7W

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

BCO, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 669 Santa Fe, New Mexico 87501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)

At surface 1830' FNL 1840' FEL Sec. 34 T23N R7W

14. PERMIT NO.

15. ELEVATIONS (Show whether DP, RT, CR, etc.)

GR 6936

12. COUNTY OR PARISH 13. STATE

Sandoval NM

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

NOTICE OF INTENTION TO:

TEST WATERS SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Drilling Progress

REPAIRING WELL

ALTERING CASING

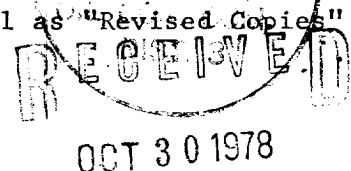
ABANDONMENT

(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 and proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and pertinent to this work.)

- 10-13-78 Drilled out DV tool and cement to float. Spotted 500 gallons 7 1/2% HCL PBT 5399'.
- 10-14-78 Ran gamma ray neutron and cement bond log. Perforated W/1 3 1/8 shot at 5024, 5029, 5034, 5143, 5148, 5160, 5167, 5194, 5210, 5226, 5242, 5266, 5274, 5286, 5294.
- 10-15-78 Broke down 5143 - 5294 at 2100. Set packer at 5220 to determine if upper & lower perf were communicated on back side. They were communicated.
- 10-16-78 Spotted 170 sacks of Class B cement, 8% salt, over perfs, pulled tubing 1200' & squeezed. Tried to pull tubing, couldn't. Shot tubing off at 3845, not free, shot tubing off at 3655, pipe above free. Left 11 1/2 jts of tubing in hole.
- 10-17-78 to 10-25-78 Washed over & fished 6 jts of 2 3/8. Washed over 2 1/4 of remaining 5 1/2 jts. Going very slowly.
- 10-27-78 Waiting on diamond shoe to continue washing.

Attachments: 2 copies of each log run 10-14-78 as well as "Revised Copies" of Compensated Density Logs run 10-16-78
2 Copies U.S.G.S.
1 all others



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

SIGNED Richard G. Fox

TITLE Office Manager

U. S. GEOLOGICAL SURVEY
DATE 10-27-78

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY: