

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR ☐ Other _____

2. NAME OF OPERATOR

BCO, INC.

3. ADDRESS OF OPERATOR

135 Grant, Santa Fe, NM 87501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 900' FNL - 780' FEL

At top prod. interval reported below

Same

At total depth

Same

RECEIVED

JUN - 3 1992

OIL CON. DIV.

14. PERMIT NO. **DIST. 3** DATE ISSUED
30 043 20865

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.

10

10. FIELD AND POOL, OR WILDCAT

Lybrook Gallup

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

Sec 22 T23N R7W NMPM

12. COUNTY OR PARISH
Sandoval

13. STATE
NM

15. DATE SPUDDED 3/23/92 16. DATE T.D. REACHED 3/29/92 17. DATE COMPL. (Ready to prod.) 5/18/92 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GL: 7222 19. ELEV. CASINGHEAD 7225

20. TOTAL DEPTH, MD & TVD 5807 21. PLUG BACK T.D., MD & TVD 5760 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY XX ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

5462 - 5676 GALLUP

25. WAS DIRECTIONAL SURVEY MADE

YES - SUBMITTED TO OCD 3/31/92

26. TYPE ELECTRIC AND OTHER LOGS RUN INDUCTION ELECTRIC LOG, SPECTRAL DENSITY DUAL SPACED NEUTRON, CEMENT BOND - VIL GAMMA RAY LOG

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# J-55	365'	12 1/4"	275 SACKS	
4 1/2"	11.6# J-55	5804'	7 7/8"	740 SACKS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5667'	

31. PERFORATION RECORD (Interval, size and number)

ONE 0.32" SELECT FIRE SHOT AT 5462; 5466, 5470, 5574, 5578, 5644, 5658, 5672 AND 5676.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5462 - 5676	1,000 GALLONS 7 1/2% FE HCL
	225,000 POUNDS 16/30 BRADY SAND.
	123,000 GALLONS 60 QUALITY INTERNAL PHASE FRACTION

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
5/18/92		GAS LIFT					PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
5/21/92	24	24/64	→	30	150	8	5000	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
150	580	→	30	150	8	40		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

VENTED

TEST WITNESSED BY

ROBERT RAMIREZ

35. LIST OF ATTACHMENTS

CEMENT JOB SUMMARIES

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Elizabeth B. Keeshan

TITLE

President

DATE

JUN 01 1992

5/21/92

FARMINGTON RESOURCE AREA

BY

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

SUMMARY OF POROUS ZONES. (Show all important zones of porosity and contents thereof; cored intervals; and all full-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				38.	NAME	TOP
					MEAS. DEPTH	TRUE VERT. DEPTH
					OJO ALAMO	1456
					KIRTLAND	1724
					FRUITLAND	1876
					PITURED CLIFFS	2096
					CHACRA	2502
					CLIFF HOUSE	3582
					MENEFEE	3610
					POINT LOOKOUT	4412
					MANCOS	4637
					GALLUP	5302

ATTACHMENT TO FORM 3160-4

FEDERAL B #10
(Well Name)

SEC 22 T23N R7W NMPM
(Sec, T, R)

NM-6682
(Lease No.)

The following summarizes the cement job on the above well as required by item 28 of 3160-4 and the approved APD.

8-5/8" surface casing 365' to surface. 275 sacks Class B, 2% CaCl₂, 1/4# flocele per sack mixed at 15.6 lbs with a yield of 1.18 or 325 cubic feet. Cement circulated to surface.

4-1/2" casing, T.D. to surface. Flushed with 10 barrels fresh water, 10 barrels water with 2% Calcium Chloride. Pumped lead slurry consisting of 610 sacks 65/35 standard/poz with 12% bentonite, 6.25 pounds per sack gilsonite, 0.25 pounds per sack flocele and 0.6% Halad-9. Mixed at 11.3 pounds per gallon with a yield of 2.64 cubic feet per sack (1610 cubic feet). Tailed in with 130 sacks Class "G" with 6.25 pound per sack gilsonite, 8 pound per sack salt and 0.5 pound per sack flocele. Mixed at 15.2 pounds per gallon with a yield of 1.38 cubic feet per sack (179 cubic feet). Displaced with 90 bbl fresh water containing 2 gallons per thousand gallon Clayfix II with 200 lb sugar in first 20 bbl. Circulated 18 bbl (38 sacks) cement.