

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

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

3. PHASE, REGISTRATION AND SERIAL NO.

BLM
BLM-8005

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

JUL -2 PM 12:52

7. UNIT AGREEMENT NAME

ALBUQUERQUE, N.M.

8. FARM OR LEASE NAME

Federal D

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

South Bisti Gallup Ext.

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

Sec 10 T23N R9W NMPM

12. COUNTY OR
PARISH

San Juan

13. STATE

NM

19. ELEV. CASINGHEAD

6733

23. INTERVALS
DRILLED BY

XX

CABLE TOOLS

25. WAS DIRECTIONAL
SURVEY MADE

Yes-submitted to
OCD 2/21/91

27. WAS WELL CORED

No

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. REVL. ☐ 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 660' FSL & 660' FWL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

OIL CON. DIV.
DIST. 3

15. DATE SPUDDED

2/13/91

16. DATE T.D. REACHED

2/18/91

17. DATE COMPL. (Ready to prod.)

6/25/91

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6730 GL

20. TOTAL DEPTH, MD & TVD

4950

21. PLUG, BACK T.D., MD & TVD

4830

22. IF MULTIPLE COMPL.
HOW MANY*

XX

ROTARY TOOLS

CABLE TOOLS

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

Gallup 4542-4758

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Guard, Dual Compensated Porosity, Cement Bond

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#	365	12 1/4"	225 Sacks	
4 1/2	11.6#	4850	7 7/8"	1050 Sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	4720	

31. PERFORATION RECORD (Interval, size and number)

One 0.32" perforation at 4542, 4640; 4648, 4654, 4660, 4694, 4711; 4734, 4740, 4746, 4758

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4542 - 4758	500 gallons 7 1/2% FeHCl
	170,934 gallons 70% foam
	327,000 # 16-30 Brady sand
	2,366,690 scf N ₂

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
6/25/91		Flowing (will put on pump jack)				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
6/30/91	24	8/64	→	125	50 MCF also recovered	51	400
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
150	800	→	125	50 MCF also recovered	51	40	

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

Vented

35. LIST OF ATTACHMENTS

Cement job summary

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

SIGNED

Elizabeth B. Keeshan

TITLE

President

JUL 22 1991

ALBUQUERQUE RESOURCE AREA

7/1/91

*(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 drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):				GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
38.				Ojo Alamo	428	428
				Kirtland	522	522
				Fruitland	700	700
				Pictured Cliffs	1,080	1,080
				Chacra	1,434	1,434
				Cliff House	2,522	2,522
				Menefee	2,592	2,592
				Point Lookout	3,510	3,510
				Mancos	3,652	3,652
				Gallup	4,324	4,324

ATTACHMENT TO FORM 3160-4

Federal D #6

(Well Name)

Sec 10 T23N R9W

(Sec, T, R)

NM-8005

(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. 225 sacks Class B, 2% CaCl_2 , 1/4# flocele per sack mixed at 15.6 lbs with a yield of 1.18 or 266 cubic feet. Cement circulated to surface.

4-1/2" casing, Stage 1: T.D. to 1204'. Ran 20 barrels mud flush. Lead cement was 900 sacks 50/50 Standard PozMix cement mixed with 2% gel, 12# gilsonite per sack, 2% KCl by weight of water mixed at 12.8# with a yield of 1.46 cubic feet per sack or 1314 cubic feet. The tail cement was 150 sacks Class G with 2% CaCl_2 , 8# salt per sack, 1/2# flocele per sack, 6 1/4# gilsonite per sack mixed at 15.2# with a yield of 1.377 cubic feet per sack or 207 cubic feet. Cement was designed to circulate. Lost circulation during displacement. Top of cement as determined by CBL is 1204'. Will do remedial cement job to protect Ojo this summer.