

(November 1983)
(Form Only 9-330)

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 LOGS

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

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ 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

1708' FSL - 976' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

3/16/93

16. DATE T.D. REACHED

3/21/93

17. DATE COMPL. (Ready to prod.)

6/09/93

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

7252

19. ELEV. CASINGHEAD

7255

20. TOTAL DEPTH, MD & TVD

5700'

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

5659'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

XX

CABLE TOOLS

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

5393' - 5612' Gallup

25. WAS DIRECTIONAL SURVEY MADE

Yes - submitted to OGD 3/22/93

26. TYPE ELECTRIC AND OTHER LOGS RUN

Cased Hole Compensated Neutron, Gamma Ray & CBL

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
8 5/8	24	370	12 1/4	275 Sacks
4 1/2	11.6	5697	7 7/8	950 Sacks

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	5605	

31. PERFORATION RECORD (Interval, size and number)

One 0.39" select fire shot at 5393', 5398', 5404', 5510', 5518', 5524.5', 5534', 5542', 5556', 5566', 5583', 5598' and 5612'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5393' - 5612'	1890 Gal FE-HCL, 425,960 # 16/30 Brady sand in 206,995 Gallons 70% quality N ₂ foam

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
6/09/93		Piston .					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
6/15/93	24	24/64" .	→	63 .	233 .	14 .	3700 .	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
250 .	695 .	→	63 .	233 .	14 .	40 .		
34. DISPOSITION OF GAS (Sold, used for fuel, vented)								

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

Vented - Contains Nitrogen from frac.

TEST WITNESSED BY

Robert Ramirez

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD

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 June 16, 1993

FARMINGTON DISTRICT OFFICE

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ATTACHMENT TO FORM 3160-4

Federal B #15

Sec 27 T23N R7W

NM-6682

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 370' to surface. 275 sacks Class B, 2% CaCl_2 , 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: TD to surface. Ran 10 barrels H_2O , 10 barrels H_2O with 2% CaCl_2 , 10 barrels H_2O ; 20 barrels superflush, 10 barrels H_2O . 800 sacks 65/35 standard poz with 12% Bentonite, 6.25 lb per sack Gilsonite, 1/4 lb per sack Flocele and 0.6% Halad -322. Mixed at 11.3 pounds per gallon with a yield of 2.64 cubic feet per sack or 2112 cubic feet. Tailed in with 150 sacks Class "G" mixed with 8 lbs per sack salt, 1/2 lb per sack Flocele, 6.25 lb per sack Gilsonite. Mixed at 15.2 pounds per gallon with a yield of 1.38 cubic feet per sack or 207 cubic feet. Circulated 41 barrels slurry.

RECEIVED
BLM

93 JUN 17 AM 11:57

070 FARMINGTON, NM