

(November 1983)
(to only 9-130)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

SUBJECT DESIGNATION NO. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EX ☐ FILL BACK ☐ DIFF. CEMENT ☐ Other _____

3. NAME OF OPERATOR

BCO, INC.

4. ADDRESS OF OPERATOR

135 Grant Ave., Santa Fe, N.M. 87501

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

At surface 2310' FSL and 820' FWL, Sec 10, T23N-R7W

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH
Rio Arriba

13. STATE
New Mexico

6. DATE SPUDDED

6/10/88

16. DATE T.D. REACHED

6/20/88

17. DATE COMPL. (Ready to prod.)

7/20/88

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

GR 7441

19. ELEV. CASINGHEAD

7444

7. TOTAL DEPTH, MD & TVD

6975

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

5968'

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

XX

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

Gallup 5762 - 5898

9. IF ELECTRIC AND OTHER LOGS RUN

Dual Induction/SFL-GR; Comp Neutron/Litho Density;

Cyberlook computed, Cement Bond log

25. WAS DIRECTIONAL
SURVEY MADE

Yes - mailed to
OCD 6/29/88

27. WAS WELL CORED

No

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"	23 #	233'	12 1/4"	155 sacks Class B	
4 1/2"	11.6#	6972'	7 7/8"	400 sacks Class H	
				980 sacks Class H Poz mix	

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	5894'	

31. INFORMATION RECORD (Interval, size and number)

39" select fire shots: 5762; 5766; 5770;
5774; 5778; 5790; 5880; 5882; 5884; 5886;
58

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5762 - 5898	1500 gallons 15% HCL 114,360 70% foam
	355,300 lbs 20-40 sand
	3,300,290 scf nitrogen

PRODUCTION

FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
July 20, 1988		Gas lift					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—EBL.	GAS—MCF.	WATER—EBL.	GAS-OIL RATIO	
7/27/88	24	Open	→	13	65	2 (frac)	5000-1	
LOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—EBL.	GAS—MCF.	WATER—EBL.	OIL GRAVITY-API (COR.)		
310	555	→	13	65	2 (frac)	40		

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

Vented - as soon as well quits making nitrogen will sell.

34. LIST OF ATTACHMENTS

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

SIGNED Elizabeth B. Keeshan TITLE Vice President BY W. Ramirez DATE 7/29/88

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

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.

ACCEPTED FOR RECORD
AUG 02 1988
FARMINGTON RESOURCE AREA
OIL CON. DIV.
DIST. 3

37. 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, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	1756	1756
				Kirtland	1878	1878
				Fruitland	2110	2110
				Pictured Cliffs	2407	2407
				Chacra	2812	2812
				Cliff House	3912	3912
				Menefee	3947	3947
				Point Lookout	4718	4718
				Mancos	4980	4980
				Gallup	5489	5489
				Skelly of Gallup	5756	5756
				Mayre of Gallup	5876	5876
				Upper Graneros	6716	6716
				Lower Graneros	6796	6796

38. GEOLOGIC MARKERS

ATTACHMENT TO FORM 3160-4

Dunn 14

(Well Name)

Sec 10, T23N, R7W NMPM

(Sec, T, R)

SF-078272

(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 233' to surface. 155 sacks
Class B 2% CaCl, 1/4# flocele per sack mixed at 15.6 lbs with a yield
of 1.18 or 183 cubic feet. Cement circulated to surface.

4-1/2" casing, Stage 1: T.D. to 5008'. Ran 20 barrels
mud flush, 400 sacks Class H mixed with 2% CaCl, 8 lbs salt per
sack, 1/2# flocele per sack, 6 1/4 lbs Gilsonite per sack. Mixed at 15.2 lbs
per gallon. Yield 1.377 cubic feet per sack or a total of 551 cubic feet.
Cement was not designed to circulate above DV tool. It did not circulate
above DV tool. Top of cement is 5234.

4-1/2" casing, Stage 2: 5008' to surface. Waited 4 hours for
Stage 1 to set. Ran 10 barrels of water, 20 barrels of Flo Check, 5
barrels of water. 980 sacks of 65/35 Class H poz mix mixed with
3% gel, 12 1/2# Gilsonite per sack, 9.4# salt per sack, 9.4# Calseal per sack.
Mixed at 13 lbs per gallon with a yield of 1.78 cubic feet per sack or a
total of 1744 cubic feet. Cement was designed to circulate. It circulated
27 barrels of cement.