

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

RECEIVED

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

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PIPE BACK ☐ DIFF. ENTRY ☐ Other ☐

OCT 09 1985

3. NAME OF OPERATOR

BCO, INC.

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

4. ADDRESS OF OPERATOR

135 Grant Avenue, Santa Fe, New Mexico 87501

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

At surface
990' FSL 1800' FEL Sec 3 T23N, R7W, N.M.P.M. Rio Arriba County
At top prod. interval reported below
New Mexico

Same
At total depth
Same

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED

June 9, 1985

16. DATE T.D. REACHED

June 17, 1985

17. DATE COMPL. (Ready to prod.)

September 10, 1985

18. ELEVATIONS (DF, RER, ST, GR, ETC.)*

7020 GR

19. ELEV. CASINGHEAD

7023

20. TOTAL DEPTH, MD & TVD

6477

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

6475

22. IF MULTIPLE COMPL.,
HOW MANY*

Two

23. INTERVALS
DRILLED BY

ROTARY TOOLS

XX

CABLE TOOLS

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

Gallup - 5394-6286

25. WAS DIRECTIONAL
SURVEY MADE

Yes-Filed

26. TYPE ELECTRIC AND OTHER LOGS RUN Cement Bond Log Computer Laser, Induction Log,
Compensated Density Dual Spaced Neutron 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"	J-55 24#	307	12 1/4"	180 Sacks - Class B	
4 1/2"	N-80 11.6#	6597	7-7/8"	1950 Sacks - Class H	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6369'	

31. PERFORATION RECORD (Interval, size and number)

One 3-1/8".32 diameter select fire shot at
6286, 6278, 6276, 6270, 6266, 5566, 5549,
5530, 5523, 5520, 5517, 5419, 5406, 5400, 5394

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6266-6286	Gal. #'s SCF Foam
5394-5566	Acid Sand Nitrogen Gal
	1500 300,000 5,400,600 200,000
	1500 275,000 3,371,160 124,000

33. PRODUCTION

23. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9/4/85		Flow				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL	GAS—MCF.	WATER—BSL	GAS-OIL RATIO
9/10/85	24	18/64	→	36	180	8 (frac)	5000
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL	GAS—MCF.	WATER—BSL	OIL GRAVITY-API (CORR.)	
700	680	→	33	180	8 (frac)	40	

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

Vented

TEST WITNESSED BY

Robert Ramirez

35. LIST OF ATTACHMENTS

Cementing Record

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

SIGNED Elisabeth B. Keeshan TITLE

Comptroller

DATE 10/4/85

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Depths reported here measured on hole logs were run:		
				Ojo Alamo	1,430	1,430
				Kirtland	1,602	1,602
				Fruitland	1,904	1,904
				Pictured Cliffs	2,084	2,084
				Chacra	2,507	2,507
				Cliff House	3,561	3,561
				Menefee	3,590	3,590
				Point Lookout	4,328	4,328
				Mancos	4,512	4,512
				Gallup	5,360	5,360
				Skelly	5,390	5,390
				Mayre	5,512	5,512
				Lower Gallup	5,544	5,544
				Lower Mancos	5,660	5,660
				Greenhorn	6,258	6,258
				Upper Graneros (1st Dakota)	6,340	6,340
				Lower Graneros (2nd Dakota)	6,438	6,438
				Dakota (3rd Dakota)	6,496	6,496

Attachment to Form 3160-4

Dunn #12-----

Sec __3__ T23N R7W

SF-078272_
(Lease Number)

The following summarizes the cement job on the above well as required by item 25 of 3160-4 and the approved APD.

8 5/8 -- Surface 300' surface. 180 sacks Class B 2% CaCl, 1/4# flocele, mixed at 15.5#'s with a yield of 1.18 or 212 cubic feet. Cement circulated and top is therefore at the surface.

4 1/2 -- Stage 1 T.D. to 5890'. Ran 10 barrels mud flush. 175 sacks Class H 2% CaCl, 8# salt, 1/2# flocele, 6 1/4# gilsonite. Mixed at 15.2 #. Yield 1.36 cubic feet per sack or a total of 238 cubic feet. Cement was not designed to circulate above DV tool. It did not circulate above DV tool. Top of cement is 5890'.

4 1/2 -- Stage 2 5686' to 4836'. Waited 4 hours for stage 1 to set. Ran 10 barrels mud flush. 175 sacks Class H 2% CaCl, 8# salt, 1/2# flocele, 6 1/4# gilsonite. Mixed at 15.2#. Yield 1.36 cubic feet per sack or a total of 238 cubic feet. Cement was not designed to circulate above DV tool. It did not circulate above DV tool. Top of cement is 4836'.

4 1/2 -- Stage 3 4648' to surface. Waited 4 hours for stage 2 to set. Ran 10 barrels of water, 1000 gallons of Flo Check, 5 barrels of water. 1600 sacks of 65/35 Class H, 3% gel, 12 1/2# gilsonite, 5.6# salt, 8.2# Calseal. Mixed at 13.35 pounds. Yield 1.68 cubic feet per sack or a total of 2688 cubic feet. Cement was designed to circulate. It circulated 100 Bbls. of cement.