

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. REVER. ☐ Other _____

2. NAME OF OPERATOR

BCO, Inc.

3. ADDRESS OF OPERATOR

135 Grant Ave., Santa Fe, New Mexico 87501

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

At surface 1840' FNL 800' FEL Sec 20; T24N R7W NMPM

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

7/22/84

16. DATE T.D. REACHED

7/30/84

17. DATE COMPL. (Ready to prod.)

8/13/84

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

GR 7315

19. ELEV. CASINGHEAD

7318

20. TOTAL DEPTH, MD & TVD

6230

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

6208

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)*

5908 - 6126 Gallup

25. WAS DIRECTIONAL SURVEY MADE

Yes

Filed -

26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric Gamma; Compensated Density
Dual Spaced Neutron; and Cement Bond Computer Laser

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#	210	12 1/4"	185 sacks - see attached	
4 1/2"	N80 11.6#	6227	7 7/8"	1725 sacks - see attached	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6130	

31. PERFORATION RECORD (Interval, size and number)

select fire shot at: 6126; 6108; 6104;
6100; 6096; 6092; 6088; 5992; 5980;
5970; 5962; 5908

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5908 - 6126	2500 gal. acid, 335,000 #'s sand, 3,177,186 SCF nitrogen, 147,800 foam gallons.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8/13/84		Flow				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8/16/84	24	19/64	→	97	194	8 Frac	194
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
270 to 160	555 to 270	→	97	194	8 Frac	40	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Gas to be sold through BCO
Kenney Compressor 1st delivery to be made when well quits making nitrogen.

TEST WITNESSED BY

Dan Button

35. LIST OF ATTACHMENTS

All previously sent.

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

SIGNED

Harry R. Byrd

TITLE

President

AUG 22 1984

AUG 20 1984

DATE August 16, 1984

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

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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Depths reported were measured when open hole logs were run:		
				Ojo Alamo	1890	Same
				Kirtland	2072	Same
				Fruitland	2402	Same
				Pictured Cliffs	2570	Same
				Chacra	2990	Same
				Cliff House	4100	Same
				Menefee	4132	Same
				Point Lookout	4850	Same
				Mancos	5152	Same
				Gallup	5896	Same
				Skelly	5952	Same
				Mayre	6080	Same

Attachment to Form 3160-4

- . Escrito Gallup Unit #29 (Federal 3-20 #3)
- . Sec 20 T24N R7W
- . SF-014022

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 210 - surface. 155 sacks Class B 3% CaCl, 1/4# flocele, mixed at 15.5#'s with a yield of 1.18 or 183 cubic feet. Cement circulated and top is therefore at the surface.

4 1/2 -- Stage 1 T.D. to 5152. Ran 10 barrels mud flush. 175 sacks Class H 2% CaCl, 8# salt, 1/2# flocele, 6 1/4# gilsonite. Mixed at 15.1 #. 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 5450.

4 1/2 -- Stage 2 5152 ' to surface. Waited 4 hours for stage 1 to set. Ran 10 barrels of water, 1000 gallons of Flo Check, 5 barrels of water. 1550 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 2604 cubic feet. Cement was designed to circulate. It circulated 53 Bbls. of cement.

RECEIVED
AUG 22 1984
OIL CON. DIV.
DIST. 3