

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

5. LEASE DESIGNATION AND SERIAL NO.

SF-080034

6. INDIAN, ALLOTTEE OR TRIBE NAME

7. LEASE AGREEMENT NAME

Escrito Gallup Unit

8. FARM OR LEASE NAME

Escrito Gallup Unit

9. WELL NO.

#27 (3-19 #2)

10. FIELD AND POOL, OR WILDCAT

Escrito Gallup

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

Sec 19, T24N R7W

12. COUNTY OR  
PARISH

Rio Arriba

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT

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

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

BCO, Inc.

3. ADDRESS OF OPERATOR

135 Grant, Santa Fe, New Mexico 87501

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

At surface 1840' FNL 330' FEL

Sec 19, T24N R7W NMPLD

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 6/30/84 16. DATE T.D. REACHED 7/7/84 17. DATE COMPL. (Ready to prod.) 7/30/84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* GR 7160' 19. ELEV. CASINGHEAD 7163'

20. TOTAL DEPTH, MD & TVD 6100 21. PLUG, BACK T.D., MD & TVD 6074 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY XX 24. PRODUCING INTERVAL(S). OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\* 5732' - 5968' Gallup

26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric, Compensated Density and Cement Bond

25. WAS DIRECTIONAL SURVEY MADE

Yes

Filed -

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#	219	12 1/4"	150 sacks - see attached	
4 1/2"	N80 11.6#	6097	7 7/8"	1860 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"	5970'	

31. PERFORATION RECORD (Interval, size and number) One 3 1/8"

select fire shot at: 5968; 5938; 5934;  
5930; 5926; 5922; 5918; 5822; 5798; 5792;  
5732

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5732 - 5968	2500 gal. acid, 295,000 #'s sand, 3,911,805 SCF nitrogen, 167310 foam gallons.

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7/30/84		Flow				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8/1/84	24	19/64	→	27	54	70 - Frac	2000
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
880 to 305	595 to 430	→	27	54	70 Frac	40	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Gas to be sold through BCO  
Kennedy Compressor System-connected 7-84. 1st delivery to be made  
when well quits making nitrogen.

TEST WITNESSED BY

Dan Button

35. LIST OF ATTACHMENTS

All previously sent.

NMOCC

ACCEPTED FOR RECORD

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

SIGNED

Harry R. B.

TITLE

President

DATE

AUG 06 1984  
8/2/84

\*(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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Depths reported were measured when open hole logs were run:		
				Ojo Alamo	1676'	Same
				Kirtland	1817'	Same
				Fruitland	2180'	Same
				Pictured Cliffs	2388'	Same
				Chacra	2824'	Same
				Cliff House	3874'	Same
				Menefee	3940'	Same
				Point Lookout	4680'	Same
				Mancos	4970'	Same
				Gallup	5700'	Same
				Skelly	5766'	Same
				Mayre	5910'	Same

**RECEIVED**

AUG 07 1984

OIL CON. DIV.  
DIST. 3

. Escrito Gallup Unit #27 (Federal 3-19 #2)  
. Sec 19 T24N R7W  
. SF-080034

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      219 - surface.    150 sacks Class B    3% CaCl, 1/4# flocele, mixed at 15.5#'s with a yield of 1.18 or 177 cubic feet. Cement circulated and top is therefore at the surface.

4 1/2 -- Stage 1      T.D. to 5340. 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 5340.

4 1/2 -- Stage 2      5100 ' to surface. Waited 4 hours for stage 1 to set. Ran 10 barrels of water, 1000 gallons of Flo Check, 5 barrels of water. 1685 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 2831 cubic feet. Cement was designed to circulate. It circulated 27 Bbls. of cement.