

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. RESVR. ☐ 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

1695' FSL - 820' FEL

At top prod. interval reported below

At total depth Same

Same

14. PERMIT NO. API # DATE ISSUED

30-039-25153 12/31/91

15. DATE SPUDDED

05/11/92

16. DATE T.D. REACHED

5/18/92

17. DATE COMPL. (Ready to prod.)

6/1/92

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

KB: 6760' GL: 6748'

19. ELEV. CASINGHEAD

6749'

20. TOTAL DEPTH, MD & TVD

5720'

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

5677'

22. IF MULTIPLE COMPL., HOW MANY

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 - 5720'

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

5436' - 5440' GALLUP SKELLY

5567' - 5580' GALLUP MAYRE

25. WAS DIRECTIONAL SURVEY MADE
YES- PREVIOUSLY SUBMITTED

26. TYPE ELECTRIC AND OTHER LOGS RUN

DUAL INDUCTION LOG AND COMPENSATED NEUTRON/PE DENSITY

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
8.625"	24.0#	365'	12.250	275 SX, CIR.	NONE
4.500"	11.6#	5717'	7.875	240 SX, TOL @ 4396'	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2.375"	5573'	NONE

31. PERFORATION RECORD (Interval, size and number)

5436', 5440', 5567', 5570', 5577', 5580'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5436' - 5580'	1000 GAL 7.5% HCL; 165,000 POUNDS 16/30 BRADY SAND IN 88,000 GALLONS OF 70 QUALITY CIP N2 FOAM

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6/1/92		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6/8/92	24	None		25	50		2000
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
20	5		25	50	1	40	

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

Vented

TEST WITNESSED BY

R. Ramirez

35. LIST OF ATTACHMENTS

CASING CEMENTING SUMMARY

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

JUN 19 1992
DATE June 10, 1992

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

FARMINGTON RESOURCE AREA

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):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				OJO ALAMO ·	1388 ·	1388 ·
				KIRTLAND ·	1612 ·	1612 ·
				FRUITLAND ·	1767 ·	1767 ·
				PICTURED CLIFFS ·	2041 ·	2041 ·
				CHACRA ·	2478 ·	2478 ·
				CLIFF HOUSE ·	3608 ·	3608 ·
				MENEFEE ·	3628 ·	3628 ·
				POINT LOOKOUT ·	4330 ·	4330 ·
				MANCOS	4604 ·	4604 ·
				GALLUP	5250 ·	5250 ·

ATTACHMENT TO FORM 3160-4

LYBROOK 22-2R
(Well Name)

SEC 22, T24N R7W
(Sec, T, R)

SF-078562
(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 365' to surface. 275 sacks Class B, 2% CaCl, 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, Stage 1: T.D. to 4542'. Ran 60 barrels mud flush, 90 sacks 65/35 Standard/Poz with 12% Bentonite, 6.25 lb/sx Gilsonite, 1/4 lb/sx flocele, 0.6% Halad - 322'. Mixed at 11.3 lbs per gallon. Yield 2.64 cubic feet per sack or a total of 238 cubic feet. 150 sacks Class G mixed with 2% CaCl, 8# salt per sack, 6 1/4# Gilsonite per sack, 1/2# flocele per sack, mixed at 15.2# with a yield of 1.377 or 207 cubic feet. Cement was designed to circulate above cement stage tool. Top of cement as determined by cement bond log is 4396'.

*** Unable to cement second stage due to inability to open stage collar.***