

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		2. NAME OF OPERATOR BCO, INC.																			
3. ADDRESS OF OPERATOR 135 Grant Ave., Santa Fe, N.M. 87501		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface At top prod. interval reported below At total depth																			
5. PERMIT NO. 30-039-2458		6. DATE ISSUED MAY 21 1990																			
7. DATE SPUDDED 2/13/90		8. DATE T.D. REACHED 2/19/90																			
9. DATE COMPL. (Ready to prod.) 5/2/90		10. ELEVATION (DP, RKB, RT, GR, ETC.)* 6697' GL																			
11. TOTAL DEPTH, MD & TVD 5635		12. PLUG, BACK T.D., MD & TVD 5554																			
13. IF MULTIPLE COMPL., HOW MANY? N/A		14. INTERVALS XX																			
15. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 5280 - 5477 Gallup		16. WAS DIRECTIONAL SURVEY MADE Yes - filed with OCD 2/26/90																			
17. TYPE ELECTRIC AND OTHER LOGS RUN Induction Guard, Spectral Density DSNII, CBL		18. WAS WELL CORED No																			
19. CASING RECORD (Report all strings set in)																					
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22. PERFORATION RECORD (Interval, size and number)																					
One 3 1/8" select fire Q39" perf at 5280, 5284, 5408, 5412, 5416, 5420, 5425.																					
One 3 1/8" select fire Q32" perf at 5450 and 5477.																					
23. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																					
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25. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold																					
26. LIST OF ATTACHMENTS																					

NMOCD

MAY 16 1990

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

SIGNED Elizabeth B. Keeshen TITLE Vice President BY Robert Ramirez DATE 5/10/90

*(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	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo, Alamo	1321.	1321.
Kirtland	1488.	1488.
Fruitland	1690.	1690.
Pictured Cliffs	1846.	1846.
Chacra	2372.	2372.
Cliff House	3480.	3480.
Menefee	3503.	3503.
Point Lookout	4197.	4197.
Mancos	4420.	4420.
Gallup	5228.	5228.
Skelly	5274.	5274.
Mayre	5398.	5398.

ATTACHMENT TO FORM 3160-4

Bobby B #4

(Well Name)

NENW Sec 24, T24N R6W NMPM

(Sec, T, R)

SF 078534

(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 230 to surface. 155 sacks Class B 2% CaCl₂, 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 4633'. Pumped 20 barrels mud flush and 3 barrels fresh water spacer. Lead cement of the first stage was 50 sacks Class "G" cement mixed with 8 pounds Salt per sack, 6 1/4 pounds Gilsonite per sack, 1/2 pound Flocele per sack mixed at 15.2 pounds with a yield of 1.385 cubic feet per sack or 69 cubic feet (about 12 barrels slurry). The remainder of the first stage cement was 200 sacks Class "G" cement mixed with 2% CaCl₂, 8 pounds Salt per sack, 6 1/4 pounds Gilsonite per sack, 1/2 pound Flocele per sack at 15.2 pounds with a yield of 1.385 cubic feet per sack or 277 cubic feet (about 49 barrels slurry). Washed out pumps and lines. Pumped plug. Plug bumped. Opened DV tool and broke circulation. Circulated 12 barrels slurry off DV tool.

4-1/2" casing, Stage 2: 4633' to surface.

Pumped 5 barrels water, pumped 10 barrels CaCl₂ water, pumped 10 barrels water spacer, pumped 20 barrels Flocheck 2-1, pumped 10 barrels water. Pumped 1040 sacks of Class "G" 50/50 PozMix mixed with 4% Gel, 10% Salt, 10% CalSeal and 10 pounds Gilsonite per sack at 12.7 pounds with a yield of 1.806 cubic feet per sack or 1878 cubic feet (approximately 335 barrels of slurry). Washed out pumps and lines. Pumped plug. Plug bumped and DV tool closed. DV held. Circulated 80 barrels of slurry to pit.