

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. SF-078272	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESTR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR BCO, Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 135 Grant Avenue, Santa Fe, New Mexico 87501		8. FARM OR LEASE NAME DUNN	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 700 FNL 960 FWL Sec. 9 T23N R7W At top prod. interval reported below - same At total depth - same		9. WELL NO. 4	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Lybrook Gallup	
DATE ISSUED		11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA 9 T23N R7W	
15. DATE SPUDDED 6-19-81		12. COUNTY OR PARISH Rio Arriba	
16. DATE T.D. REACHED 6-27-81		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 7-8-81		18. ELEV. CASINGHEAD 7180	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* GR 7178		19. ELEV. CASINGHEAD 7180	
20. TOTAL DEPTH, MD & TVD 5930		21. PLUG, BACK T.D., MD & TVD 5868	
22. IF MULTIPLE COMPL., HOW MANY* n/a		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5522-5760 Gallup		25. WAS WELL CORED Yes - filed 6-30-81	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric, Compensated Density, Micro-Seismogram (Cement Bond, Gamma Ray, Collar Locator)		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8	23.0	211	12 1/4
4 1/2	10.50	5,921	7 7/8
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8	5,760		
31. PERFORATION RECORD (Interval, size and number)			
5760, 5750, 5730, 5701, 5689, 5666, 5648, 5645, 5642, 5616, 5530, 5526, 5522			
3 1/8" select fire			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
5522-5760	136,000 gallons water		
	200,000 #'s 10-20 sand		
	1,500,000 SCF nitrogen		
33. PRODUCTION			
DATE FIRST PRODUCTION 7-9-81	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flow		WELL STATUS (Producing or shut-in) Shut-in
DATE OF TEST 7-9-81	HOURS TESTED 24	CHOKE SIZE 2" open	PROD'N. FOR TEST PERIOD OIL—BBL. 111
FLOW. TUBING PRESS. 40	CASING PRESSURE 120	24-HOUR RATE OIL—BBL. GAS—MCF. 410	WATER—BBL. Frac 94
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold thru BCO North Lybrook Gathering Line			TEST WITNESSED BY Robert Ramirez
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 <i>Harry R. Bigh</i>		TITLE President	
DATE 7-28-81		FARMINGTON DISTRICT	

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

NMOC

BY

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal land and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s) and bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORDED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING, AND RECOVERY	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
					NAME	MEAS. DEPTH	TRUE VERT. DEPTH
					Ojo Alamo	1,490	
					Kirtland Fruitland	1,731	
					Pictured Cliffs	2,122	
					Cliff House	3,645	
					Menefee	3,712	
					Point Lookout	4,370	
					Mancos	4,640	
					Gallup	5,512	