

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. REVR. ☐ Other _____

2. NAME OF OPERATOR
BCO, Inc.

3. ADDRESS OF OPERATOR
135 Grant Avenue, Santa Fe, New Mexico 87501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements).
At surface 1980' FNL 600' FWL Sec. 9 T23N R7W
At top prod. interval reported below - same
At total depth - same

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
SF-078272

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME
DUNN

9. WELL NO.
8

10. FIELD AND POOL, OR WILDCAT
Lybrook Gallup

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
9 T23N R7W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

15. DATE SPUDDED
7-16-81

16. DATE T.D. REACHED
7-22-81

17. DATE COMPL. (Ready to prod.)
8-4-81

18. ELEVATIONS (DT, RKB, ET, SR, ETC.)*
GR 7191

19. ELEV. CASINGHEAD
7193

20. TOTAL DEPTH, MD & TVD
5902

21. PLUG, BACK T.D., MD & TVD
5842

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)*
5510-5754 Gallup

25. WAR DIRECTIONAL SURVEY MADE
Yes - filed 7-28-81

26. TYPE ELECTRIC AND OTHER LOGS RUN
Induction Electric, Compensated Density, Neutron, Micro-Seismogram (CBL)

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 CURED
8 5/8	23.0	212	12 1/4	150 sacks	
4 1/2	10.50	5894	7 7/8	975 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	5754	

31. PERFORATION RECORD (Interval, size and number)

One shot at 5754, 5746, 5735, 5712, 5688, 5674, 5650, 5644, 5632, 5629, 5626, 5602, 5540, 5520, 5515, 5510

3 1/8" select fire

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5510-5754	180,000 gallons treated water, 290,000 #'s 10-20 sand, and 1,822,000 standard cubic feet nitrogen

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
8-4-81	flow	producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-6-81	24	open	→	120	360	60 frac	3,000
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
50	280	→	120	360	60	42	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold thru BCO North Lybrook Gathering Line

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. Byler TITLE President DATE 8-6-81

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, 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 and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

tion 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 zone (multiple completion), so state in item 24 and in item 24 show the producing interval zone(s) for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. (See instruction for items 22 and 24 above.)

27. SUMMARY OF POROUS ZONES:

BACK OF POROUS ZONES, BEYOND ALL IMPORTANT ZONES OF POROSITY AND CONTENT TURBOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED. CURRISON USED/ TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	DEPTH	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	1,470	
				Kirtland Fruitland	1,720	
				Pictured Cliffs	2,138	
				Cliff House	3,632	
				Menefee	3,685	
				Point Lookout	4,358	
				Mancos	4,617	
				Gallup	5,500	

U.S. GOVERNMENT PRINTING OFFICE: 1963-O-683836
GPO #37-407

971.233