

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 _____
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☒ DIFF. RESVR. ☐ Other _____
Co-mingled by _____
Order _____

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 regulations)

At surface 1750' FSL 790' FEL Sec. 3 T23N R7W

At top prod. interval reported below - same

At total depth - same

14. PERMIT NO. _____ DATE ISSUED _____
GEOLOGICAL SURVEY
SANTA FE, N. M.

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.

3

10. FIELD AND POOL, OR WILDCAT
Undesignated Graneros
Lybrook Gallup11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

3 T23N R7W NMPM

12. COUNTY OR
PARISH

13. STATE

Rio Arriba New Mexico

15. DATE SPUDDED 8-17-80 16. DATE T.D. REACHED 8-29-80 17. DATE COMPL. (Ready to prod.) 9-5-81
Gallup 18. ELEVATIONS (DP, KKB, RT, GR, ETC.)* 6960 GR 19. ELEV. CASINGHEAD 696220. TOTAL DEPTH, MD & TVD 6530 21. PLUG, BACK T.D., MD & TVD 6415 22. IF MULTIPLE COMPL.,
HOW MANY* two 23. INTERVALS DRILLED BY → X 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
6309-6314 Graneros
5350-5588 Gallup25. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electrical, Compensated Density,
Compensated Neutron, and Cement Bond with Nuclear 26. WAS WELL COBED
No27. WAS WELL COBED
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	23.0 #	265	12 1/4	170 sacks	
4 1/2	11.60 # N-80	6528	7 7/8	1575 sacks - 3 stage	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	6315	

31. PERFORATION RECORD (Interval, size and number)

6314-6309, 3 1/8", 5 shots
One 3 1/8" select fire shot at 5588, 5574,
5552, 5540, 5520, 5508, 5483, 5474, 5471,
5468, 5439, 5372, 5358, 5354, and 5350

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6309-6490	122,000 gal. water, 160,000 # 10-2
5350-5588	164,910 gal. water, 295,000 # 10-20 & 1,551,000 SCF nitrogen

33.* PRODUCTION

DATE FIRST PRODUCTION 9-5-81 Gallup		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-18-80 Graneros		Well to be tested after NGPA filing made				shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→				ACCEPTED FOR RECORD	

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 information

SIGNED Harry R. Blythe TITLE PresidentDATE September 8, 1981

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

NMOC

INSTRUCTIONS

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 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 zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), 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: "Sacks Cement": 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:		38. GEOLOGIC MARKERS	
FORMATION	TOP	NAME	MEAS. DEPTH
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 RECOVERY		TRUE VERT. DEPTH	
		TOP	
		Ojo Alamo	1,372
		Kirtland Fruitland	1,612
		Pictured Cliffs	2,020
		Chacra	2,443
		Cliff House	3,480
		Menefee	3,554
		Point Lookout	4,228
		Mancos	4,480
		Gallup (Skelly)	5,340
		Gallup (Mayre)	5,463
		Mancos	5,734
		Greenhorn	6,222
		Graneros Shale	6,285
		1st Dakota	6,300
		(Upper Graneros)	6,395
		2nd Dakota	6,475
		(Lower Graneros)	6,475
		3rd Dakota	6,475