

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

PERMIT IN DUPLICATE

Form 100-100 12 COPIES  
Budget Bureau No. 45-EM51.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐  
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐  
3. NAME OF OPERATOR  
BCO, Inc.  
4. ADDRESS OF OPERATOR  
135 Grant, Santa Fe, New Mexico 87501  
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 1980' FNL 390' FEL Sec. 3 T23N R7W  
At top prod. interval reported below Same  
At total depth Same

6. LEASE DESIGNATION AND SERIAL NO.  
SF-078272  
7. IF INDIAN, ALLOTTEE OR TRIBE NAME  
8. UNIT AGREEMENT NAME  
9. FARM OR LEASE NAME  
DUNN  
10. WELL NO.  
#11  
11. FIELD AND POOL, OR WILDCAT  
Undesignated Graneros  
12. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
3 T23N R7W  
13. COUNTY OR PARISH  
Rio Arriba  
14. STATE  
New Mexico

15. DATE SPUDDED 6-3-82  
16. DATE T.D. REACHED 6-13-82  
17. DATE COMPL. (Ready to prod.) 7-31-82  
18. ELEVATION (DF, REB, RT, GR, ETC.)\* GR 6953  
19. ELEV. CASINGHEAD 6956  
20. TOTAL DEPTH, MD & TVD 6475  
21. PLUG BACK T.D., MD & TVD 6446  
22. IF MULTIPLE COMPL., HOW MANY\* Two  
23. INTERVALS DRILLED BY XXX  
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
6232 - 6343 Graneros-Greenhorn  
25. WAS DIRECTIONAL SURVEY MADE  
Yes - filed 7-14-82  
26. WAS WELL CORED  
No

27. TYPE ELECTRIC AND OTHER LOGS RUN  
Induction Electric-Gamma, Compensated Density Neutron, Micro-Seismogram  
28. CASING RECORD (Report all strings set in wells)  
Casing Size Weight, lb/ft. Depth Set (MD) Hole Size Casing Record Amount Pulled  
8 5/8 K-55 24# 296 12 1/4 200 sacks 236 ft.  
4 1/2 N-80 11.6# 6472 7 7/8 1325 sacks or 2429 cubic ft.  
Details attached

29. LINER RECORD  
Size Top (MD) Bottom (MD) Backs Cement\* Screen (MD)  
30. TUBING RECORD  
Size Depth Set (MD) Packers Set (MD)  
2 3/8 - None - at 6330 when called in production  
31. PERFORATION RECORD (Interval, size and number)  
One .32" diameter shot at 6343, 6324, 6321, 6312, 6309, 6306, 6303, 6244, 6232  
Operator is not sure 6232 is open.  
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DATE INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  
6232 - 6343 3500 gals. 7 1/2% acid, 89,435 gals. (60%) foam, 147,000#'s  
20-40 sand, 2,585,863 SCF of nitrogen

33. PRODUCTION  
DATE FIRST PRODUCTION 7-31-82  
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOW  
DATE OF TEST 8-3-82 HOURS TESTED 24 CHOKED SIZE 32/64 PROD'N. FOR TEST PERIOD 99 OIL—BBL. 99 GAS—MCF. 99 WATER—BBL. 0 GAS-OIL RATIO 1000  
FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. 99 GAS—MCF. 99 WATER—BBL. 0 OIL GRAVITY-API (CORR.) 40

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Sold through BCO North Lybrook Gathering Line  
TEST WITNESSED BY Robert Ramirez  
35. LIST OF ATTACHMENTS  
All previously sent  
ACCEPTED FOR RECORD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Harry R. Boyle TITLE President DATE 8/5/82

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct report on the results of a geologic survey of a well, pursuant to applicable Federal and 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, for how to prepare 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.)

Dunn #11  
API #30-039-70069-82

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL UNLITH-STRATA TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL DOWN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION

TOP

BOTTOM

DESCRIPTION, CONTENTS, ETC.

## 38.

## GEOLOGIC MARKERS

NAME

MEAS. DEPTH

TOP

TRUE VENT. DEPTH

Ojo Alamo

1470

Pictured Cliffs

2000

Cliff House

3505

Menefee

3565

Point Lookout

4260

Manco

4530

Gallup

5344

Greenhorn

6230

Graneros

6300

**BCO, Inc.**

OIL WELL OPERATOR

135 GRANT

SANTA FE, N. M. 87501

AREA CODE 505  
983-1228TO: Minerals Management Service  
Farmington, New MexicoDUNN # 11

SF-078272

DATE: August 18, 1982

Attachment to Form 9-330 Undesignated Graneros dated 8-5-82

We failed to report the types and volumes used to cement with on Item 28 of the above report. The information required is shown below. Please attach to the original Form 9-330 which was filed.

4 1/2 -- Stage 1 TD-5776. Ran 10 barrels mud flush. Mixed 175 sacks Class H 2% CaCl, 8# salt, 1/2# floccell, and 6-1/4# Gilsonite. Mixed at 15.1#. Mixed 238 cubic feet. Top of cement is 5776.

4 1/2 -- Stage 2 5762 - 5030. Ran 10 barrels mud flush. Mixed 200 sacks Class H at 15.1# with same additives as Stage 1. Mixed 272 cubic feet. Top of cement is 5030.

4 1/2 -- Stage 3 4648 - surface. Ran 10 barrels water, 20 barrels flocheck 21, and 5 barrels water. Mixed 950 sacks 65/35 Poz, (Halliburton Lite), 6% gel, 10# Gilsonite, 1/4# floccell, 8# salt. Mixed at 12.7#. Mixed 1919 cubic feet. Cement circulated and top is therefore at the surface.

8 5/8 -- Surface 296 - Surface. 200 sacks Class B 3% CaCl, 1/4# floccell. Mixed 236 cubic feet. Cement circulated and is therefore at the surface.