

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6.

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 ☐

2. NAME OF OPERATOR

BCO, Inc.

3. ADDRESS OF OPERATOR

135 Grant, Santa Fe, New Mexico 87501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 600' FNL 660' FBL Sec 3 T23N R7W

At top prod. interval reported below

At total depth Same

14. PERMIT NO.

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

DATE ISSUED

Approved APD
4-12-82

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPEUDED

5-23-82

16. DATE T.D. REACHED

5-31-82

17. DATE COMPL. (Ready to prod.)

7-3-82

18. TYPE OF COMPLETION (DF, RKB, RT, GR, ETC.)*

GR-6890

19. ELEV. CASINGHEAD

6893

20. TOTAL DEPTH, MD & TVD

6460

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

6330

22. IF MULTIPLE COMPLETIONS, HOW MANY INTERVALS DRILLED BY

Two

ROTARY TOOLS

XXX

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND NAME)

6160 -6258 Upper Graneros

25. WAS DIRECTIONAL SURVEY MADE

Yes -
filed 6-15-82

26. TYPE ELECTRIC AND OTHER LOGS RUN

Electric Log - Gamma Log, Compensated Density, Micro Seismogram

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 PULLED
8 5/8	24.0# K55	294	12 1/4	200 sacks	None
4 1/2	11.6# N80	6457	7 7/8	Three stage 1325 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	6278	

31. PERFORATION RECORD (Interval, size and number)

6160, 6168, 6240, 6243, 6246, 6249, 6258

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6160 - 6258	1500 gals. acid, 31,962 gals. treated water, 250,000#'s 20-40 sand and 3,010,000 SCF of nitrogen

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7-3-82		Swab and flow				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-14-82	24	16/64	→	130	130	0	1000
FLOW, TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
Various	Various	→	130	130	0	40	
High 300 Low 0	High 660 Low 0						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold through BCO North Lybrook Gathering Line

7/3/82

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

Harry R. Bugh

TITLE

President

DATE 7/14/82

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

NMOCC

RECEIVED FOR RECORD
BY *CB Becker*

INSTRUCTION 143

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.)

Dunn #10

API #30-039-70068-82

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL FULL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CURRIUM USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURE, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	1405	
				Pictured Cliffs	1994	
				Cliff House	3550	
				Menefee	3610	
				Point Lookout	4202	
				Mancos	4458	
				Callup	5278	
				Greenhorn	6152	
				Graneros Shale	6208	
				Dakota	6408	

Ran 6457' 11.6# N-80 4 1/2" casing. 3 stage cement job as follows:

Stage 1 TD-5674. Ran 10 barrels mud flush. Mixed 175 sacks Class H 2% CaCl₂, 8# salt, 1/2# floccell, and 6 1/4# Gilsomite. Mixed at 15.1#. Plug never hit float. Over displaced 1/2 barrel and shut down at 9:30 P.M. Float failed to work. Held pressure until 12:10 A.M. on 6-3-82. Released pressure and no flow back. Cement was not designed to circulate to DV tool at 5674. It did not circulate. Top of cement will be reported on a later Sundry Notice.

Stage 2 5674 to 4557. Waited 4 hours for Stage 1 to set. Ran 10 barrels mud flush, 10 barrels water, 20 barrels flocheck 21, and 5 barrels water. Mixed 200 sacks Class H at 15.1 with same additives as Stage 1. Cement was not designed to circulate to DV tool at 4557. It did not circulate. Top of cement will be reported on a later Sundry Notice. Plug down at 2:20 A.M.

Stage 3 4557-surface. Waited 4 hours for Stage 1 & 2 to set. Ran 10 barrels water, 20 barrels flocheck 21, and 5 barrels water. Mixed 950 sacks 65/35 Poz, (Halliburton Lite), 6% gel, 10# Gilsomite, 1/4# floccell, 8# salt. Mixed at 12.7#. Circulated 45 barrels of cement. Plug down at 8:10 A.M.