

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved
Federal Bureau No. 42-55113-1

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 990' FNL 2240' FEL Sec 3 T23N R7W

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED
Approved
4-12-82

15. DATE SHUDDER

5-10-82

16. DATE T.D. REACHED

5-18-82

17. DATE COMPL. (Ready to prod.)

6-22-82

18. ELEVATIONS (DF, RKB, ET, GE, ETC.)*

GR 6922

19. ELEV. CASINGHEAD

6925

20. TOTAL DEPTH, MD & TVD

6460

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

6335

22. IF MULTIPLE COMPL.,
HOW MANY*

Two

23. INTERVALS
DRILLED BY

ROTARY TOOLS

XXX

CABLE TOOLS

1

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

5314 - 5554 Gallup

25. WAS DIRECTIONAL
SURVEY MADE

Yes -

Filed 5-25-82

26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric; Compensated Density;
Micro-Seismogram 5-29-82; Micro-Seismogram 6-18-82

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 FULLED
8 5/8	K55 24#	294	12 1/4	200 - Circulated 200 sacks	
4 1/2	N80 11.6#	6457	7 7/8	6457 to 5820 175 sacks	
				5710 to 5190 175 sacks	
				4578 to 750 750 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	5560	

31. PERFORATION RECORD (Interval, size and number) One 3 1/8"
select fire shot at: 5314, 5320, 5326, 5340,
5406, 5440, 5444, 5448, 5452, 5485, 5505,
5526, 5542, 5554

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5314 - 5554	1500 gals. 7 1/2% MCA; 59,100 gals. water, 400,000# 10-20 sand, 3,786,500 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)	
6-22-82		Gas Lift				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-28-82	24	13/64	→	27	250	0	9259
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
125	395	→	27	250	0	40	

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

Sold through BCO North Lybrook Gathering Line

6/22/82

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. Byrd

TITLE

President

DATE

7/2/82

JUL 9 1982

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

NMOCC

182-1

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.)

DUNN #9
SF-078272

37. SUMMARY OF POROUS ZONES: 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 PRESSURE, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	1360	
				Pictured Cliffs	2008	
				Cliff House	3514	
				Menefee	3580	
				Point Lookout	4220	
				Mancos	4493	
				Gallup	5308	
				Greenhorn	6172	
				Graneros Shale	6231	
				Dakota	6250	