

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-2355.5.

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.

2

10. FIELD AND POOL, OR WILDCAT

Lybrook Gallup

Undes Greenhorn-Dakota

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

10-23N-7W

12. COUNTY OR
PARISH

Rio Arriba

13. STATE

New Mexico

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

P. O. Box 669 Santa Fe, New Mexico 87501

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

At surface

2070' FNL 2260' FWL Section 10 T23N R7W N.M.P.M.

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

3/16/76

16. DATE T.D. REACHED

4/20/76

17. DATE COMPL. (Ready to prod.)

5/11/76 Greenhorn-Dak.

9/23/76 Gallup

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

7265 GR

19. ELEV. CASINGHEAD

7267

20. TOTAL DEPTH, MD & TVD

6743

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

Casing 6730

Open hole 6741

22. IF MULTIPLE COMPL.,

HOW MANY*

Co-mingle 3 zones

23. INTERVALS

DRILLED BY

ROTARY TOOLS

0-6730

CABLE TOOLS

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

Gallup 5598-5931; Greenhorn 6485-6499; Dakota 6551-6743

25. WAS DIRECTIONAL

SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Borehole compensated; Sonic-Gamma; F; Dual Induction; CBL; Dual Spacing TDT

27. WAS WELL CORED

No

23. 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	24.70	142	12-1/4	100 Class B	
4-1/2	11.60	6730	7-7/8	3 stage 1050 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	6712	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Upper Dakota 6724-6729³⁶ W/4SPF
Lower Graneros 6642-6647 W/2SPF
Upper Graneros 6551-56; 6586-88 W/2SPF
Greenhorn 6485-87; 6494-99 W/2SPF

Bottom Gallup 5759-60; 5771-72; 5778-79; 5788-89;
5802-03; 5824-25; 5836-37; 5853-54; 5873-74;
5896-97; 5913-1/2 - 14-1/2; 5930-31 W/2SPF

Mayre 5715-22 W/2SPF 5723-25 W/4SPF
Skelly 5598-5612 W/2SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6724-6735	500 15% 23M H ₂ O 15M 40-60
6642-6647	250 15% 27M H ₂ O 25M 20-40
6551-6588	250 15% 32M H ₂ O 10M 20-40 20M 10-2
6485-6499	250 15% 2000 28% 16M H ₂ O 15M 20-4
	5M 10-20
5759-5931	500 15% 22M H ₂ O 22M 10-20
5715-5725	500 15% 20M H ₂ O 21M 10-20
5598-5612	500 15% 22M H ₂ O 21M 10-20

33.*

PRODUCTION

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—

and type of pump)

WELL STATUS (Producing or

shut-in)

Gallup 9/28/76 Gas Lift
Greenhorn-Dakota 5/8/76 Gas Lift

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
Gallup 10/13/76	24	Open	→	15	80	0	5333
Greenhorn-Dak 7/28/76	24	Open	→	1	269	7	

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
Gallup Various	665-500	→	15	80	0	40
Greenhorn-Dak Vari	735-640	→	1	269	7	45

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

Sold to El Paso 11/11/76 via BCO gathering line to Sec 23 T24N R7W

TEST WITNESSED BY

H. R. Bigbee

35. LIST OF ATTACHMENTS

N.M.O.C.C Co-mingling order R-5310 Attached to Form 9-331 of this same date

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Harry R. Bigbee

TITLE

President

DATE

11/17/76

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

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 law 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 red, area, or red, 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 23, 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 analysts, all types electric, etc.), formation and pressure tests, an, and diredirectional 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, see item 35.

Item 4: If there are no applicable Site 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 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 was 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(top(s), bot, bottom(bot(s) and name(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": *at*: Attached and 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 port on this form for each interval to be separately produced. (See Instruction for Items 22 and 24 above.)

FORMATION		TOP	DP	BOTTOM	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	
		TOP	DP	BOTTOM	BOTTOM		NAME	MEAS. DEPTH
								TRUE VENT. DEPTH
						Picture Cliffs	2242	2242
						Chacra	3035	3035
						Cliff House	3752	3752
						Menefee	3826	3826
						Pt. Lookout	4535	4535
						Gallup	5570	5570
						Greenhorn	6478	6478
						Dakota	6535	6535