

Form 9-330
(Rev. 5-63)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions 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 _____

2. NAME OF OPERATOR

BCO, Inc.

3. ADDRESS OF OPERATOR

135 Grant, Santa Fe, NM 87501

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

At surface 1850 FNL 1700 FWL Sec 21 T24N R7W NMPM/ED

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. OF LAND DATE ISSUED
FARMINGTON RESOURCE AREA
6/29/83

5. LEASE DESIGNATION AND SERIAL NO.

SF-078924-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Escrito Gallup Unit

8. FARM OR LEASE NAME

Escrito Gallup Unit

9. WELL NO.

24 (3-21-#3)

10. FIELD AND POOL, OR WILDCAT

Escrito Gallup

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

Sec 21 T24N R7W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUNDED

7/29/83

16. DATE T.D. REACHED

8/6/83

17. DATE COMPL. (Ready to prod.)

8/30/83

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

GR 7103'

19. ELEV. CASINGHEAD

7115'

20. TOTAL DEPTH, MD & TVD

6080'

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

6051'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

XXXX

CABLE TOOLS

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

5714'- 5954' Gallup

25. WAS DIRECTIONAL SURVEY MADE

Yes

Filed - 8/10/83

26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric; Compensated Density; Cement

Bond Log

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"	J-55 24#	208'	12 1/4"	140 sacks - see attached	
4 1/2"	N80 11.6#	6077'	7 7/8"	1525 sacks - see attached	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5960'	

31. PERFORATION RECORD (Interval, size and number) One 3 1/8" select fire shot at: 5714, 5726, 5776, 5782, 5806 1/2, 5905, 5914, 5920, 5926, 5943, 5954 - Diameter of shot .32"

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5714 - 5954	3000 gal. acid, 304,000 #'s sand, 3,741,806 SCF nitrogen, 129,400 foam gallons.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8/30/83		Flow				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/5/83	24	19/64	→	98	392	42 frac	4000
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
60	420	→	98	392	42 frac	40	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Gas to be sold through BCO Kenney Compressor System—connected 8/30/83. 1st delivery to be made when well quits making nitrogen.

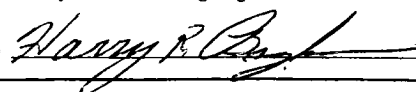
TEST WITNESSED BY

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



TITLE

President

DATE

SEP 12 1983
9/6/83

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

FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

BY

SMm

NMOCC

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.)

Escrito Gallup Unit #24 (3-21 #3)
SF-078924-A

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 PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Depths reported hole logs were run:		were measured when open
				Ojo Alamo	1680	Same
				Kirtland	1852	Same
				Fruitland	2203	Same
				Pictured Cliffs	2360	Same
				Chacra	2796	Same
				Cliff House	3928	Same
				Menefee	3964	Same
				Point Lookout	4642	Same
				Mancos	4960	Same
				Gallup	5702	Same
				Skelly	5766	Same
				Mayre	5895	Same

Attachment to Form 9-330

Escrito Gallup Unit #24 (3-21 #3)

Sec 21 T24N R7W NMPM

SF-078924-A

The following summarizes the cement job on the above well as required by item 25 of 9-330 and the approved APD.

8 5/8 -- Surface 208' - surface. 140 sacks Class B 3% CaCl, 1/4# flocele, mixed at 15.5 #'s with a yield of 1.18 or 165 cubic feet. Cement circulated and top is therefore at the surface.

4 1/2-- Stage 1 T.D. to 5346. Ran 10 barrels mud flush. 175 sacks Class H 2% CaCl, 8# salt, 1/2# flocele, 6 1/2# gilsonite. Mixed at 15.1#. Yield 1.36 cubic feet per sack or a total of 238 cubic feet. Cement was not designed to circulate above DV tool. It did not circulate above DV tool. Top of cement will be reported on a subsequent notice when we log cement. Plug pumped at 11:45 P.M.

4 1/2-- Stage 2 5017' to surface. Waited 4 hours for stage 1 to set. Ran 10 barrels of water, 1000 gallons of Flo Check, 5 barrels of water. 1350 sacks of 65/35 Class H, 3% gel, 12 1/2# gilsonite, 5.6# salt, 8.2# Calseal. Mixed at 13.35 pounds. Yield 1.68 cubic feet per sack or a total of 2268 cubic feet. Cement was designed to circulate. It circulated 10 Bbls. of contaminated cement and 50 Bbls. of good cement. Plug pumped at 5:40 A.M.