Form 9-330
(Rev. 5-63)

12 copies

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.

RECEIVED
AUG 31 1983
CON. DIV.
DIST. 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED
AUG 26 1983
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.: NM-0557389

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Nancy

9. WELL NO.: 5

10. FIELD AND POOL, OR WILDCAT: Dufers Point

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec 12 T24N R8W

1a. TYPE OF WELL: OIL WELL [XX] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [XX] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: BCO, Inc.

3. ADDRESS OF OPERATOR: 135 Grant Avenue, Santa Fe, New Mexico 87501

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1900 FSL 1970 FWL Sec 12 T24N R8W NMPM
At top prod. interval reported below: Same
At total depth: Same

14. PERMIT NO.: DATE ISSUED: Approved 6/27/83

12. COUNTY OR PARISH: San Juan

13. STATE: New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
7/16/83	7/26/83	8/20/83	GR 7260'	7263'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
7071'	7036'	3-co-mingled pool	→	XXXX	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
6924-7018 Graneros, 6844-6868 Greenhorn, 5924-6161 Gallup--all co-mingled

25. WAS DIRECTIONAL SURVEY MADE: Yes
Filed - 8/1/83

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#	282	12¼"	195 Sacks - see attached	
4 ½"	N80 11.6#	7068'	7 7/8"	1825 sacks - see attached	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	6950	

31. PERFORATION RECORD (*Interval, size and number*) select fire
shot at: 7018,6943,6939,6932,6928,6924,6868, 6863,6860,6853,6848,6844,6161,6135,6132, 6129,6126,6026,5996,5992,5980,5929,5924

6844-7018 perfs were .38" diameter
5924-6161 perfs were .32" diameter

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

DEPTH INTERVAL (MD)	#'s Acid	#'s Sand	SCF Nitrogen	Foam Gals.
6924-7018	2500	214,000	3,483,424	131008
6844-6868	3000	27,900	1,326,857	48700
5924-6161	2500	355,000	4,416,592	218,660

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
8/10/83, 8/17/83 and 8/19/83	Flow	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-20-83	24	28/64		92	184	95-Frac	2,000

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
400 to 10	1000 to 800		92	184	95-Frac	37

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*) Gas to be sold through BCC Kenney Compressor System - connected 8-10-83. 1st delivery to be made when well quits making nitrogen.

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 P. Cook TITLE President DATE AUG 29 1983

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

NMOCC

FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO
BY SMM

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.)

Nancy #5
NM-0557389

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Depths reported were measured when open hole logs were run		
Ojo Alamo	1814	same
Kirtland	1994	Same
Fruitland	2352	Same
Pictured Cliffs	2536	Same
Chacra	2970	Same
Cliff House	4112	Same
Menefee	4140	Same
Point Lookout	4860	Same
Mancos	5174	Same
Gallup	5918	Same
Skelly	5972	Same
Mayre	6122	Same
Greenhorn	6848	Same
Upper Graneros	6912	Same
Lower Graneros	7002	Same

★ U.S. GOVERNMENT PRINTING OFFICE: 1974-780-680/VIII-238

Attachment to Form 9-330

Nancy #5

Sec 12 T24N R8W NMPM

NM - 0557389

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 282'- Surface. 195 sacks Class B 3% CaCl, ½# flocele. Mixed at 15.2# with a yield of 1.18 or 230 cubic feet. Cement circulated, 5 Bbls. of cement.

Stage 1 T.D. to 6452. Ran 10 barrels mud flush. 150 sacks Class H 2% CaCl, 8# salt, 1/2# flocele, 6 1/4# gilsonite. Mixed at 15.1#. Yield 1.36 cubic feet per sack or a total of 204 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 10:45 A.M.

Stage 2 6292-5262. Waited 4 hours for stage 1 to set. Ran 10 barrels mud flush. 175 sacks Class H 2% CaCl, 8# salt, 1/2# flocele, 6 1/4# 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 3:35 P.M.

Stage 3 5255 to surface. Waited 4 hours for satge 2 to set. Ran 10 barrels of water, 1000 gallons of Flo Check, 5 Bbls of water. 1500 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 2520 cubic feet. Cement was designed to circulate. It circulated 10 Bbls. of contaminated cement and 80 Bbls. of good cement. Plug pumped at 9:00 P.M.