

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

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 800' FNL 1850' FWL Sec 13 T24N R8W NMPM
At top prod. interval reported below Same
At total depth Same

14. PERMIT NO. DATE ISSUED
Approved
6/3/83

5. LEASE DESIGNATION AND SERIAL NO.
DIV. - 01409

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Smith

9. WELL NO.
5

10. FIELD AND POOL, OR WILDCAT
Escrito Gallup

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 13 T24N R8W

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

15. DATE SPUDDED 7/6/83 16. DATE T.D. REACHED 7/13/83 17. DATE COMPL. (Ready to prod.) 7/29/83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR 7168' 19. ELEV. CASINGHEAD 7171'

20. TOTAL DEPTH, MD & TVD 6200' 21. PLUG, BACK T.D., MD & TVD 6168' 22. IF MULTIPLE COMPL., HOW MANY* ROTARY TOOLS CABLE TOOLS
XXXX

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5876 - 6110 Gallup

25. WAS DIRECTIONAL SURVEY MADE
Yes
Filed - 7/18/83

26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric; Compensated Density; Cement Bond Log 27. WAS WELL CORED
No

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#	211	12 1/4"	245 sacks - see attached	
4 1/2"	N80 11.6#	6197	7 7/8"	1815 sacks - see attached	

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2 3/8"	6015

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
One 3 1/8" select fire shot at: 6012, 6009, 6006, 6003, 6000, 5904, 5905, 5879, 5871, 5861, 5810, 5802	DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
	5802-6012' 2750 gals 7 1/2% acid, 221,677 gals foam, 400,000 #'s 10-20 sand and 4,110,817 SCF of nitrogen

PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7/29/83		Flow				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/31/83	24	32/64		149	447	0	3000
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
200 to 10	600 to 400		149	596	0	4000	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) 1st delivery to be made 8/5/83 and sold through BCO Kenney Compressor System - connected 7/29/83.

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. B.

TITLE

President

DATE

AUG 12 1983
August 1, 1983

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

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.)

Smith #5

NM - 01409

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 open hole logs were run	1704	Same
				Ojo Alamo	1882	Same
				Kirtland	2242	Same
				Fruitland	2426	Same
				Pictured Cliffs	2846	Same
				Chacra	3998	Same
				Cliff House	4030	Same
				Menefee	4738	Same
				Point Lookout	5050	Same
				Mancos	5796	Same
				Gallup	5854	Same
				Skelly	5992	Same
				Mayre		

Attachment to Form 9-330

RECEIVED

AUG 15 1983

OIL CON. DIV.
DIST. 9

Smith #5

Sec 13 T24N R8W NMPM

NM - 01409

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 211' - Surface. 245 sacks Class B 3% CaCl, 1/4# flocele. Mixed at 15.2# with a yield of 1.18 or 289 cubic feet. Cement circulated, 7 Bbls. then fell and we filled 8 5/8 - 12 1/4 annulus with cement.
- 4 1/2 -- Stage 1 TD - 5518'. Ran 10 barrels mud flush. 175 sacks Class H 2% CaCl, 8# salt, 1/2# flocele, 6 1/4# Gilsonite. Mixed at 15.2# with a yield of 1.36 or 238 cubic feet. Cement top is 5518' as determined by cement bond log run 7/25/83.
- 4 1/2 -- Stage 2 5167' - Surface. Ran 10 barrels of water, 20 barrels flo check 21, 15 barrels of water. 1640 sacks of 65/35 Class H, 3% gel, 12 1/2 # Gilsonite, 5/6# salt, 8.2 # Calseal. Mixed at 13.35 pounds with a yield of 1.68. Mixed 2755 cubic feet. Cement circulated to surface.