

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-5355.6.

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.						5. LEASE DESIGNATION AND SERIAL NO. NM-16586	
3. ADDRESS OF OPERATOR 135 Grant, Santa Fe, N.M. 87501						7. UNIT AGREEMENT NAME Federal I	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1850' FNL 1700' FEL Sec. 33 T23N R7W At top prod. interval reported below Same At total depth Same						9. WELL NO. 1	
14. PERMIT NO.						13. STATE NM	
15. DATE SPUDDED 5-6-79						10. FIELD AND POOL, OR WILDCAT Undesignated Gallup	
16. DATE T.D. REACHED 5-12-79						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 33 T23N R7W NMPM	
17. DATE COMPL. (Ready to prod.) 7-11-79						12. COUNTY OR PARISH Sandoval	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6888						13. STATE NM	
19. ELEV. CASINGHEAD 6891						20. TOTAL DEPTH, MD & TVD 5306	
21. PLUG, BACK T.D., MD & TVD 5250						22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4928 - 5144 Gallup	
25. WAS DIRECTIONAL SURVEY MADE Yes						26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Density Gamma Ray Neutron, Cement bond log, Induction Electrical	
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	24	140	12 1/4	100 sacks Class B 2% CaCl			
4 1/2	10.5	5280	7 7/8	175 sacks Class B 2% CaCl			
				8# salt, 1/2#flocell,			
				and 6 1/4# gilsonite			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	5150	
31. PERFORATION RECORD (Interval, size and number) 3 1/8" select fire shot at 4928, 4932, 4936, 5042, 5046, 5050, 5068, 5110, 5126, 5130, and 5144				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
4928-5144				500 gals. 7 1/2% MCA acid			
				125,000# 10-20 sand with			
				84,600 gals. 10# gel water			
33. PRODUCTION							
DATE FIRST PRODUCTION 7-12-79		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Gas lift				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 7-19-79	HOURS TESTED 24	CHOKE SIZE Open	PROD'N. FOR TEST PERIOD →	OIL—BBL. 27	GAS—MCF. 162	WATER—BBL. 0	GAS-OIL RATIO 6000
FLOW. TUBING PRESS. 850	CASING PRESSURE 950 - 850	CALCULATED 24-HOUR RATE →	OIL—BBL. 27	GAS—MCF. 162	WATER—BBL. LIVE	OIL GRAVITY-API (CORR.) 42	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Gas sold to EPNG thru BCO S. Lybrook Gathering Line						TEST WITNESSED BY Bob Bigbee	
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 <u>Harry R. Bigbee</u>		TITLE <u>President</u>		DATE <u>7-19-79</u>			

*(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 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) 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.)

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	MEAS. DEPTH	TRUE VERT. DEPTH
				Gallup	4905	4905