

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other In-
structions on
reverse side)

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						7. UNIT AGREEMENT NAME									
BCO, Inc.						Federal I									
3. ADDRESS OF OPERATOR						9. WELL NO.									
135 Grant, Santa Fe N.M. 87501						4									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						10. FIELD AND POOL, OR WILDCAT									
At surface 1700' FNL 950' FWL Sec. 33 T23W R7W						Undesignated Gallup									
At top prod. interval reported below						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA									
At total depth						33 T23N R7W NMPM									
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH		13. STATE							
						Sandoval		NM							
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, REB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD							
5-14-79		5-20-79		7-17-79		6856 GR.		6859							
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS							
5220 - Driller		5204				→		X							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*								25. WAS DIRECTIONAL SURVEY MADE							
4858 - 5110 Gallup								Yes							
26. TYPE ELECTRIC AND OTHER LOGS RUN								27. WAS WELL CORED							
Gamma Ray Neutron, Cement bond log.								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 Class B 2% CaCl							
4 1/2		10.5		5240		7 7/8		175 Class B 2% CaCl							
								8# salt, 1/2# floccell,							
								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		5130			
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
one 3 1/8" select fire shot at 4858, 4862, 4866, 4977, 4981, 4985, 4998, 5016, 5041, 5054, 5072, 5110										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										4858 - 5110		500 gals 7 1/2% MCA acid			
												125,000# 10-20 sand with			
												83,600 gals. 10# gel			
												treated water			
33. PRODUCTION															
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)							
7-18-79		Gas lift						Producing							
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
7-30-79		24		Open		→		19		114		0		6000	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)			
700		1050-800		→		19		114		0		40			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)														35. LIST OF ATTACHMENTS	
Gas sold to EPNG thru BCO S. Lybrook Gathering Line														All previously sent.	
36. I hereby certify that the foregoing and attached information is complete and correct as furnished from all available records														SIGNED <u>Harry R. Bigbee</u> TITLE <u>President</u>	
														AUG 8 1979 AUG 6 1979	
														OIL CON. COMM. S. GEOLOGICAL SURVEY	
														DIST. 3 DURANGO, COLO.	

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

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: "Seals 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; CORDED 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	NAME	TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH
			Gallup	4805	4805