

Farmington

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 _____		5. LEASE DESIGNATION AND SERIAL NO. NM-1409	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR BCO, Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 669 Santa Fe, New Mexico 87501		8. FARM OR LEASE NAME Smith	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1900' FNL 1710' FWL Sec. 13 T24N R8W At top prod. interval reported below SAME At total depth SAME		9. WELL NO. 4	
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT Escrito Gallup	
15. DATE SPUDDED 5-13-75		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA 13 T24N R8W N.M.P.M.	
16. DATE T.D. REACHED 5-23-75		12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 5-28-75		13. STATE New Mexico	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7038GR		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5658-5864 Gallup		25. WAS DIRECTIONAL SURVEY MADE Yes—See statement attach'd	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual spacing thermal neutron decay time and cement bond		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8	24.70	138	12 1/4
4 1/2	11.50	5935	7 7/8
		100 Class 4	
		1065 per	
		Halliburton report attached	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8	5935		
31. PERFORATION RECORD (Interval, size and number)			
INTERVAL	Shots/foot	INTERVAL	Shots/foot
5658-62	2	5738-40	2
5708-12	1	5750-60	1
5718-20	2	5846-56	1
5724-25	2	5860-64	1
5728-30	2		
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5658-5864		1500 gals 15% acid	
		70,120 gals water & 100,000#'s	
		10-20 sand per attached	
		Halliburton report.	
33.* PRODUCTION			
DATE FIRST PRODUCTION 5-28-75		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flow	
DATE OF TEST 6-1-75		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24	CHOKE SIZE Open	OIL—BBL. 53	GAS—MCF. 159
FLOW, TUBING PRESS. 200 to 0	CASING PRESSURE 940 to 700	WATER—BBL. 0	GAS-OIL RATIO 3000
CALCULATED 24-HOUR RATE	OIL—BBL. 53	GAS—MCF. 159	WATER—BBL. 0
			OIL GRAVITY-API (CORR.) 40
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Will be sold prior to 7-1-75			
35. LIST OF ATTACHMENTS Above logs, Halliburton cement & frac reports, deviation statement.			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>H. R. Bigbee</i>		TITLE President	
		DATE 6-5-75	

*(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) (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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	TOP MEAS. DEPTH TRUE VERT. DEPTH
Ojo Alamo	1700				
Picture Cliff	2284				
Chacra	3076				
Cliffhouse	3900				
Pt. Lookout	4595				
Mancoas	4870				
Gallup	5642				