

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-N355.6.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR						3. ADDRESS OF OPERATOR	
Continental Oil Company						152 North Durbin St., Casper, Wyo. 82601	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						5. LEASE DESIGNATION AND SERIAL NO.	
At surface						147	
At top prod. interval reported below						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
At total depth						Jicarilla Apache	
14. PERMIT NO.						7. UNIT AGREEMENT NAME	
DATE ISSUED						8. FARM OR LEASE NAME	
AXI Apache "J"						9. WELL NO.	
15. DATE SPUNDED						10. FIELD AND POOL, OR WILDCAT	
10-26-71						Otero Chacra	
16. DATE T.D. REACHED						11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA	
11-5-71						Sec. 5, T25N, R5W	
17. DATE COMPL. (Ready to prod.)						12. COUNTY OR PARISH	
12-3-71 S.I. Awaiting Connection.						13. STATE	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*						Rio Arriba New Mexico	
6622' RBM						19. ELEV. CASINGHEAD	
6610'						20. TOTAL DEPTH, MD & TVD	
5320'						21. PLUG, BACK T.D., MD & TVD	
22. IF MULTIPLE COMPL., HOW MANY*						23. INTERVALS DEPLETED BY	
2						0-5320'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
Chacra 3735-3754'						Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
Schlumberger IES Log, FDC-GR and Caliper						No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8"		24#		239' KB		12 1/4"	
5 1/2"		14#		5320' KB		7 7/8"	
						150 sacks (to surface)	
						635 sacks (200' above PC)	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
						SCREEN (MD)	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
1 1/4"		3757'					
31. PERFORATION RECORD (Interval, size and number)							
Chacra 3735-3754 (2 shots/ft.)							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
3735-3754'				500 gal. 15% HCl acid			
				32,000 gal. gelled water			
				30,000# 10-20 sand			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing				Shut-in	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
12-3-71		3		3/4"		0	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
63 Psig		Packer set				883 MCFD	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY		OIL—BBL.		GAS—MCF.	
Sold - Southern Union Gas Company		E. B. Errett		0		883 MCFD	
35. LIST OF ATTACHMENTS		DATE		WATER—BBL.		OIL GRAVITY-API (CORR.)	
		12-21-71		0			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED J. A. Uhlen TITLE Administrative Supervisor DATE 12-21-71							

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

USGS-Durango(3) NMOCC(2) Humble File(3)

# 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: "Stacks General":** 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 POHOUTS 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.
Pictured Cliffs Chacara Mesa Verde	2821' 3728' 4506'	2882' 3758' 5275'	Sandstone Sandstone Alternating Sandstone & Shale

## 38.

### GEOLOGIC MARKERS

NAME	TOP	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs Chacara Mesa Verde	2821' 3728' 4506'		