

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions 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. 147	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALIQUOT OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR Continental Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 152 North Durbin - Casper, Wyoming 82601		8. FARM OR LEASE NAME AXI Apache "J"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface NE SE 1850' FSL, 790' FEL ("I") At top prod. interval reported below At total depth		9. WELL NO. 21	
14. PERMIT NO.		DATE ISSUED 11-19-71	
15. DATE SPUDDED 12-3-71		16. DATE T.D. REACHED 12-11-71	
17. DATE COMPL. (Ready to prod.) 1-5-72		18. ELEVATIONS (DF, REB, BT, GR, ETC.)* 6652 RB	
19. ELEV. CASINGHEAD 6640'		10. FIELD AND POOL, OR WILDCAT Otero Chacra	
20. TOTAL DEPTH, MD & TVD 5339' RB		21. PLUG, BACK T.D., MD & TVD 5300' RB	
22. IF MULTIPLE COMPL., HOW MANY* 2		23. INTERVALS DRILLED BY →	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Chacra 3752' 3905' - 5330' - 237'. FDC-GR & Caliper 5337'-4400', 3900' - 3700' & 3000' - 2700'		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES Log 5330'-237'. FDC-GR&Caliper 5337'-4400', 3900'-3700' & 3000'-2700'		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#	238'	12 1/4"
5 1/2"	14#	5338'	7 7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
None			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
1 1/4"	3795'	5000' RB	
31. PERFORATION RECORD (Interval, size and number)			
Chacra - 3758' - 3764', 3772' - 3778', 3782' - 3784' W/2 P/Ft			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3758' - 3764',		55,500# 10-20 Sd & 30,000	
3772' - 3778',		Gal. Gelled Water	
3782' - 3784'			
33. PRODUCTION			
DATE FIRST PRODUCTION 1-5-72		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 1-23-72		WELL STATUS (Producing or shut-in) Shut-in waiting Conn.	
HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. --
FLOW. TUBING PRESS. 57#	CASING PRESSURE 512#	CALCULATED 24-HOUR RATE →	GAS—MCF. 817
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Southern Union Gas Company when connection made		WATER—BBL. --	
35. LIST OF ATTACHMENTS		OIL GRAVITY-API (CORR.) None	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		TEST WITNESSED BY B. E. Errett	

SIGNED

TITLE

Adm. Supr.

DATE 1/22/72

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

USGS (6) File (2) Humble Oil Co.

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 33.

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.)

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
Pictured Cliffs	2880	2910	Sandstone	Pictured Cliffs	2880	
Chacra	3752	3795	Sandstone	Chacra	3752	
Mesa Verde	4539	5272	Sandstone	Mesa Verde	4539	