

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. 77	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☒ DIFF. RESVR. ☐ Other _____										6. IF INDIAN, ALLOTTEE OR TRIBE NAME Hicarilla Apache	
2. NAME OF OPERATOR Continental Oil Company										7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 3312, Durango, Colorado										8. FARM OR LEASE NAME AKI Apache "A"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FNL, 1140' FNL - NW 1/4 At top prod. interval reported below At total depth										9. WELL NO. 1	
14. PERMIT NO. _____ DATE ISSUED _____										10. FIELD AND POOL, OR WILDCAT Ballard Pictured Cliffs	
15. DATE SPUDDED 6-27-34 16. DATE T.D. REACHED 9-1-34 17. DATE COMPL. (Ready to prod.) 10-13-34 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6854' GR 6865' XB 19. ELEV. CASINGHEAD										11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 13, T23N, R3W NMPM	
20. TOTAL DEPTH, MD & TVD 7660' 21. PLUG, BACK T.D., MD & TVD 5600' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS _____ CABLE TOOLS _____										12. COUNTY OR PARISH Rio Arriba 13. STATE New Mexico	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2257'-2305' XB - Pictured Cliffs										25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray-Correlation										27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)										RECEIVED OCT 2 1964 OIL CO. OF CALIF. DIST. 3	
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD							
13 3/8"	48#	429'		375 sacks							
9 5/8"	36#	2339'		1000 sacks							
5 1/2"	15.5#	6762'		1020 sacks							
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"	2246'					
31. PERFORATION RECORD (Interval, size and number) Pictured Cliffs 1 shot/ft. 2257'-67' 1 shot/2 ft. 2293'-2305'					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 2257'-2305' 34,000# sand, 37,000 gals. water & 5 gals. "ADGALL" additive.						
33. PRODUCTION DATE FIRST PRODUCTION 9-25-64 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) SI - pending connection											
DATE OF TEST 9-25-64	HOURS TESTED 3	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL. 150	GAS—MCF. 1200	WATER—BBL.	GAS-OIL RATIO				
FLOW. TUBING PRESS. 2800	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold - Southern Union Gas Company							TEST WITNESSED BY E. A. Barrett				
35. LIST OF ATTACHMENTS											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records Original Signed By: H. D. HALEY TITLE District Manager DATE 10-1-64											

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

USGS (3) MOC (2) Noble EDH

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: "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	2257	2320	Sand-shale - Gas (dry)	Pictured Cliffs	2255	
Mesa Verde	3830	4450	Sand-shale - Gas & water	Mesa Verde	3830	
Gallup	5500	5700	Sand-shale - Oil, gas & water	Gallup	5495	
Dakota	6530	6740	Sand-shale - gas & water	Greenhorn	6435	
				Dakota	6530	
				Morrison	6725	
				Entrada	7620	