

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.

5. LEASE DESIGNATION AND SERIAL NO.

147

6. IF INDIAN, ALLEGED OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

AXI Apache

9. WELL NO.

21

10. FIELD AND POOL, OR WILDCAT

Undesignated Mesa Verde

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 5, T25N, R5W

12. COUNTY OR
PARISH

Rio Arriba

13. STATE

New Mexico

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

Continental Oil Company

3. ADDRESS OF OPERATOR

152 North Durbin, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface NE SE 1850' FSL, 790' FEL (Unit Letter "I")

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

11-17-71

15. DATE SPURRED 12-3-71 16. DATE T.D. REACHED 12-11-71 17. DATE COMPL. (Ready to prod.) 1-5-72 18. ELEVATIONS (DF, RKB, BT, GR, ETC.)* 6652 RB 19. ELEV. CASINGHEAD 6640'

20. TOTAL DEPTH, MD & TVD 5339' 21. PLUG, BACK T.D., MD & TVD 5300' 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY → 5339' 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Mesa Verde 4539' - 5318' RB

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
8 5/8"	24#	238'	12 1/4"	150 Sks. Class "A"
5 1/2"	14#	5338'	7 7/8"	525 Sks. 50-50 Poz. "A"

29. LINER RECORD					30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
	None				2 3/8"	5000' RB

31. PERFORATION RECORD (Interval, size and number)

Mesa Verde - 5039' - 5041', 5046' - 5055'
5119' - 5122', 5160' - 5165', 5205' - 5210'
5213' - 5216' w/1 hole p/ft

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Perforated	1000' Gals. 15% HCl
Intervals	40,000# 10-20 Sd w/ 40,000
	1% KCl w/ additives

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
1-3-72		Flowing					Shut in waiting conn.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
1-15-72	3	3/4"	→	--	2077	--	None	
FLOW. TUBING PRESS.	CASING PRESSURE	CATCHER 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY API (CORREL.)		
160*	--	→	10 Est.	2236	--	45.6°		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Southern Union Gas Company when connection made

TEST WITNESSED BY

B. E. Errett

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Asst. Supr.

DATE

1/22/72

(See Instructions and Specimen 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 agency or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If completed 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 pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments shall be listed on this form, see item 35.

Item 3: 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 4: 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.

Item 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 intervals 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 24: "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.)

27. 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	TOP	
					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	