

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.RECEIVED
MAR 19 1968
OIL CON. 004
DIST. 2

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐
Re-entry of P&A
Wildcat

2. NAME OF OPERATOR

Amerade Petroleum Corporation

3. ADDRESS OF OPERATOR

P. O. Box 1469, Durango, Colorado

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

At surface NE/4 NW/4, 640' P&A & 1900' P&A, Sec. 20, T-27N., R-17W.,

San Juan County, New Mexico

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

Tribal #14-20-0402-927

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tract #4

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 20, T-27N., R-17W.,

South Table Mesa Area

12. COUNTY OR PARISH

13. STATE

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

19. ELEV. CASINGHEAD

Re-entry 2/28/68 3/1/68

3/19/68

GR - 5313'

5313'

20. TOTAL DEPTH, MD & TVD

7895'

21. PLUG, BACK T.D., MD & TVD

7345' P&A

22. IF MULTIPLE COMPL., HOW MANY*

Seal Gas-Gas

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

0 to 7895'

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

7454' to 7520' Miss. & 7000' to 7100' Paradox

25. WAS DIRECTIONAL SURVEY MADE

None

26. TYPE ELECTRIC AND OTHER LOGS RUN

Schlumberger Correlation Log & Gamma Ray Tracer Log

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	MOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	22.30	7975'	12-1/4"	350 sacks Reg. Cement	
7"	20 & 24	3700'-3940'	8-3/4"	100 " " "	
4-1/2"	12.5 & 11.6	7007'	6-1/4"	215 " 50-50 Pozmix	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8"	Thg. Set @ 7345/7390'	

31. PERFORATION RECORD (Interval, size, and number)

7756'-7790' (1) Hyper Jet Shot Per Ft.

7390'-7500' " " " " " " " "

Re-perforated 7390'-7500' as above

7454'-7520' (1) Hyper Jet Shot Per Ft.

7000'-7100' " " " " " " " "

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

DEPTH INTERVAL (MD)

See sheet attached.

AMOUNT AND KIND OF MATERIAL USED

MAR 29 1968

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3/19/68		Flowing - Miss. Interval 7454'-7520'.				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/19/68	2	3/4"	→	-	1,340 PD	-	-
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
7220-1200	2070	→	-	1,340	-	-	

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

Shut-in as requested by Dept.

TEST WITNESSED BY

D. F. Purse

35. LIST OF ATTACHMENTS

Acid, fracture & cement logs, etc.

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

SIGNED

TITLE

Field Clerk

DATE

3/27/68

*(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: "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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
No Drill Stem Tests.			
Swabbed and Flow Tested:			
McFadden Zone: 7736'-7795'			Swabbed 36 bbls. lead water, 12 bbls. acid water & 48 bbls. of formation water. Some of heavy dead oil. Very slight show of gas.
Helium content 4.42%			
Elmer Zone: 7334'-7399'			Swabbed & flowed 43 bbls. oil, oil 43.5 gravity 304 bbls. lead water & 66 bbls. formation water. 3/10/60. Gas Vol. 219 MCFPS 3/4" choke, CP 130. Gas nonflammable. Squashed, reperfused and acidified.
			Swabbed 2.02 bbls. oil, 73 bbls. lead water & 60 bbls. formation water.
			Gas vol. 20 MCFPS, nonflammable gas. IP in 30 min. build up 730. Helium content 4.91%.
Elmer Zone: 7464'-7529'			Swabbed 444 bbls. lead water, 7 bbls. oil, oil 47.1 gravity corrected. 3/10/60. Gas vol. 1,340 MCFPS, on 3/4" choke. CP 21300 to 1300 flowing 3 hrs., shut-in IP in 9 hrs. 20300. Helium content 5.21%.
			Non-flammable gas 3/25/60 - shut-in IP 31750.
Paradise Zone: 7650'-7704'			Swabbed & flowed 100 bbls. lead water, 9 bbls. oil, oil 47.8 gravity corrected. 3/10/60 gas vol. 2,031 MCFPS, on 3/4" choke. CP 7000 or 4300 flowing 3-1/4 hrs., shut-in CP in 9 hrs. 20750. Helium content 4.99%. Nonflammable gas.
			3/24/60 - shut-in CP 21000.

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
See completion log dated 11/19/64.		

