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Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*
(See other instructions 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

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: Amerada Petroleum Corporation

3. ADDRESS OF OPERATOR: Box 1469, Durango, Colorado

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: Center of SE¼ of SE¼, 660' FSL & 660' FEL, Sec. 5, T-26N, R-19W, San Juan County, New Mexico
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: #14-20-0603-8534

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: Navajo Tract #381

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 5, 26N, 19W Beautiful Mountain Area

14. PERMIT NO. | DATE ISSUED

12. COUNTY OR PARISH: San Juan | 13. STATE: New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
3/10/65	4/8/65	Dry Hole - Plugged	GR 5933', & KB 5946'	5933'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
6310'	Dry Hole - Plugged		→	0' to 6310'	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: None

25. WAS DIRECTIONAL SURVEY MADE: None

26. TYPE ELECTRIC AND OTHER LOGS RUN: Induction-ES, Gamma Ray-Neutron & Caliper, Integrated Sonic Logs

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	AMOUNT PULLED
9-5/8"	32.30	992'	12-1/4"	400 Sacks Reg. Cement	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
None		

31. PERFORATION RECORD (*Interval, size and number*): None

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

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OIL CON. COM.
DIST. 3

33.* PRODUCTION

DATE FIRST PRODUCTION: Dry Hole | PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*) | WELL STATUS (*Producing or shut-in*)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				

FLOW. TUBING PRESS.	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.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS: Drill Stem Tests and Plugging Report

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

SIGNED E. A. Murphy TITLE Field Clerk DATE 4/14/65

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

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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.
3/23/65 - DST #1 - Tested from 4864' to 4964', Upper Hermosa Zone, 4 Hr. Test, 4-1/2" DP, No Water Cushion, 3/4" Btm. & 1" Top Opening In Tool. Opened tool, had a strong blow of air immediately and non-flammable gas. Gas vol. increased to 169 MCF Daily Rate in 30 Min., and decreased to 105 MCF Daily Rate in first hour and stayed @ 105 MCF for remainder of test. Closed tool for 90 Min. BHP. Pulled packers loose, recovered 280' (1.49 Bbls.) of gas cut drlg. mud, no show of oil or water. IHP 2692#, IFP 135#, FFP 108#, 10 Min. BHP 1868#, 20 Min. 2001#, 30 Min. 2308#, 40 Min. 2375#, 50 Min. 2415#, 60 Min. 2442#, 70 Min. 2482#, 80 Min. 2496#, 90 Min. 2509# & FHP 2692#.			
3/27/65 - DST #2 - Tested from 5375' to 5406', Hermosa Zone, 4 Hr. Test, 4-1/2" DP, No Water Cushion, 3/4" Btm. & 1" Top Opening In Tool. Opened tool, had a strong blow of air immediately and continued throughout test. Vol. too small to measure. Closed tool for 90 Min. BHP. Pulled packers loose, recovered 15' (.08 Bbls.) of drlg. mud, no show of oil, gas or water. IHP 2962#, IFP 5#, FFP 5#, 90 Min. BHP 11# and FHP 2962#.			
CONTINUED ON ATTACHED SHEET.			

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
SCHLUMBERGER TOPS:		
Dakota	146'	
Morrison	293'	
Entrada	1374'	
Chinle	2091'	
Moenkopi	2870'	
DeChelly	3034'	
Organ Rock	3690'	
Upper Hermosa	4767'	
Paradox "C"	5397'	
Lower Hermosa	5464'	
Molas	5761'	
Mississippian	5781'	
Ouray	5924'	
Elbert	5964'	
McCracken	6111'	
Aneth	6234'	
Precambrian	6290'	

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

Tribal #14-20-0603-8334, Navajo Tract #381 Well #1, Sec. 5, T-26N, R-19W, San Juan County, New Mexico

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3/30/65 - DST #3 - Tested from 5560' to 5751', Upper Paradox Zone, 4 Hr. Test, 4-1/2" DP, No Water Cushion, 3/4" Btm. & 1" Top Opening In Tool. Opened tool, had a strong blow of air immediately & increased to 16 MCF Daily Rate, at end of first hr. Gas to surface in 50 min., gas vol. started gradually and decreased after 1-1/2 hrs., vol. too small to measure after 2-1/2 hrs., but had good blow for remainder of test. Gas would flare briefly and go out. Closed tool for 90 min. BHP. Recovered 387' (2.03 Bbls.) gas cut drlg. mud, no show of oil or water. IHP 3233#, IFP 135#, FFP 156#, 10 min. BHP 270#, 20 min. 405#, 30 min. 454#, 40 min. 540#, 50 min. 673#, 60 min. 807#, 70 min. 941#, 80 min. 1075#, 90 min. 1190# & FHP 3233#.

DST #4:

4/2/65 - Tested from 5812' to 5990', Mississippian Zone, 4 Hr. Test, 4-1/2" DP, No Water Cushion, 3/4" Btm. & 1" Top Opening In Tool. Opened tool, had a strong blow immediately, gas to surface in 10 Min., 245 MCF Daily Rate, non-flammable gas, decreased to 186 MCF. Closed tool for 90 Min. BHP. Recovered 981' (7.83 Bbls.) of heavily gas cut drlg. mud, no show of oil or water. IHP 3274#, IFP 392#, FFP 284#, 10 Min. BHP 1477#, 20 Min. 1854#, 30 Min. 1989#, 40 Min. 2111#, 50 Min. 2205#, 60 Min. 2260#, 70 Min. 2313#, 80 Min. 2354#, 90 Min. 2368# & FHP 3260#.

4/6/65 - DST #5 - Tested from 6100' to 6230', McCracken Zone, 4 Hr. Test, 4-1/2" DP, No Water Cushion, 5/8" Btm. & 1" Top Opening In Tool. Opened tool, had a strong blow of air immediately. Non-flammable gas to surface in 28 Min., 87 MCF/Daily Rate, remained strong throughout test. Closed tool for 90 Min. BHP. Pulled packers loose. Recovered 300' (1.49 Bbls.) of gas cut drlg. mud in DC'S, no show of oil or water. IHP 3368#, IFP 108#, FFP 148#, 10 Min. BHP 337#, 20 Min. 351#, 30 Min. 351#, 40 Min. 391#, 50 Min. 633#, 60 Min. 767#, 70 Min. 1276#, 80 Min. 1571#, 90 Min. 1652# & FHP 3299#.

4/8/65 - DST #6 - Tested from 6230' to 6310', Ameth Zone, 4 Hr. Test, No Water Cushion, 3/4" Btm. & 1" Top Opening In Tool. Opened tool, air immediately to surface, good blow throughout test. Non-flammable gas to surface in 2-1/2 Hrs., not enough to measure. Closed tool for 90 Min. BHP. Pulled packers loose. Recovered 180' of gas cut drlg. mud, in 4-1/2" DC'S (2.30 Bbls.), 780' of gas cut, slightly mud cut salt water, in DC'S (3.50 Bbls.), no show of oil. IHP 3608#, IFP 267#, FFP 401#, 10 Min. BHP 401#, 20 Min. 668#, 30 Min. 934#, 40 Min. 1068#, 50 Min. 1201#, 60 Min. 1334#, 70 Min. 1468#, 80 Min. 1868#, 90 Min. 2670# & FHP 3608#.

4/9/65 <u>PLUGGING REPORT</u>

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6310' Total Depth: Plugged and Abandoned 4/9/65
Cement plugs spotted in well as follows:

80	sx.	cement	from	6250'	to	6050'	- 200'	Plug
40	"	"	"	5830'	"	5730'	- 100'	"
40	"	"	"	5450'	"	5350'	- 100'	"
40	"	"	"	3100'	"	3000'	- 100'	"
40	"	"	"	2150'	"	2050'	- 100'	"
40	"	"	"	1050'	"	950'	- 100'	"

Installed swage & 3" valve on top of 9-5/8" casing. The Navajo Tribe has taken over well for water. Hole has heavy rotary mud between plugs. Plugs spotted as recommended by Mr. John Ward, USGS, Farmington, New Mexico.

<u>WELL HAS BEEN PLUGGED AND ABANDONED</u>

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