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NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

Form C-122
Revised 10-68

1. Indicate Type of Lease
Acre ☐ Fee ☒

19. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

20. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESV. ☐ OTHER ☐

2. Name of Operator
AMINOIL USA, INC.

3. Address of Operator
600 Western United Life Bldg., Midland, Texas 79701

4. Location of Well
UNIT LETTER K LOCATED 1940 FEET FROM THE South LINE AND 1940 FEET FROM

MAY 11 1978

Willow Lake

Willow Lake Unit

3
Under, Malaga Morrow

THE West LINE OF SEC. 15 TWP. T-24-S RGE. R-28-E

15. Date Spudded 12-28-77 16. Date T.D. Reached 3-3-78 17. Date Compl. (Ready to Prod.) 4-11-78

18. Elevations (ft.) RKB, RL, GR, etc. 3007 G.L., 3027 K.B. 19. Elev. of Completion 3005

20. Total Depth 12,807 21. Plug Back T.D. 12,740 22. If Multiple Completions, How Many 4-11-78

23. Intervals Drilled By 0'-12,805' Rotary Tools None Cable Tools None

24. Producing Interval(s), of this completion - Top, Bottom, Name
Upper Morrow Sands, Top: 12,270, Bottom 12,489

25. Was Directional Survey Made? No

26. Type Electric and Other Logs Run 0-12,807' BHC Asoustilog/Gr/Caliper
9800' - 12,807' DIFL/SP & CD/CN/GR/Caliper

27. Was Well Cased? No

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

CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5	640'	17-1/2"	650 sks.-cmt. circ.	0
9-5/8"	43.5	9805'	12-1/4"	3665 sks.-cmt. top @ 2600'	0

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4-1/2"	9600	12,805	1600	

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	12,112'	12,102'

31. Perforation Record (Interval, size and number)
12,274, 12,277, 12,316, 12,322, 12,325,
12,453, 12,481, 12,487
Perforation size 0.4"
Total of 8 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>12,274 - 12,487</u>	<u>3000 gals. 7-1/2% M.S. acid w/7200 acid</u>
<u>12,274 - 12,487</u>	<u>30,000 gals. MS gel 20,000 gals. 3% acid</u>
<u>frac.</u>	<u>10,000 gal. CO₂ w/30,000 # 20-40 sand</u>

33. PRODUCTION

Date First Production 3-28-78 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Shut-in

Date of Test	Hours Tested	Flow Rate	Pressure	Water - F/L	Gas - MCF	Oil - BBL
<u>4-11-78</u>	<u>2-1/4</u>	<u>5/64-19/64"</u>	<u>None</u>	<u>0</u>	<u>288</u>	<u>1/2</u>

Flow Test Results: (4515-2852) psi Packer Calculated G.P. Hourly Rate None G.P. - F/L 9808 Water - F/L None Gas - MCF N/A

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented Test Witnessed By Kin Welch

35. List of Attachments
Form C-122 w/attached 4 point graph, record of DST and all open hole logs

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Sammy N. Morgan TITLE Drilling Engineer DATE 5/10/78

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than _____ days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run in the well and a summary of all special tests conducted, including full stem tests. All data reported shall be measured by this, in the case of directionally drilled wells, true vertical depth shall also be reported. For multiple completion items, 20 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 115.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>11,352'</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>11,518'</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand <u>2,596'</u>	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs <u>6,204'</u>	T. Wingate _____	T. _____
T. Wolfcamp <u>9062'</u>	T. Morrow <u>12,123'</u>	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>12,274'</u> to <u>12,487' (Gas)</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from <u>None</u> to _____ feet.	_____ feet.
No. 2, from _____ to _____ feet.	_____ feet.
No. 3, from _____ to _____ feet.	_____ feet.
No. 4, from _____ to _____ feet.	_____ feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	2564'	2564'	Pre-Permian & Ochoan				
2564'	2596'	32'	Delaware Lime				
2596'	3450'	854'	Delaware Sand				
3450'	4680'	1230'	Cherry Canyon				
4680'	6204'	1524'	Brushy Canyon				
6204'	9062'	2858'	Bone Spring				
9062'	11352'	2290'	Wolfcamp				
11,352'	11518'	166'	Strawn				
11,518'	12123'	605'	Atoka				
12,123'	12807'	684'	Morrow				