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

Form C-105
Revised 8-8-8

6a. Indicate Type of Lease
State ☒ Fee ☐

6. State oil & gas Lease No.
B-4109

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

2. TYPE OF COMPLETION
NEW ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ REPAIR ☐ OTHER ☐

7. Unit Addressed To
Wallingford

8. Name of Lessee
#2

9. Field or Loc. or Without
Maljamar

3. Name of Operator
Arrowhead Oil Corporation

Address of Operator
P. O. Box 548, Artesia, New Mexico 88210

4. Location of Well
UNIT LETTER **C** LOCATED **330** FEET FROM THE **North** LINE AND **2309.3** FEET FROM

THE **West** LINE OF SEC. **32** TWP. **17-S** RGE. **32-E** NE 1/4

15. Date Spudded 3-11-80	16. Date T.D. Reached 3-21-80	17. Date Compl. (Ready to Prod.) 4-7-80	18. Elevation (DE, RKB, RT, GR, etc.) 3918' KB	19. Elev. Ashlandhead 3906' GL
20. Total Depth 4230' KB	21. Plug back T.D. 4191'	22. If Multiple Casing, How Many	23. Intervals Drilled By 0 - 4230 KB	24. Rotary Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
3995 - 4027' - Grayburg - San Andres

25. Was Directional Survey Made

26. Type Electric and Other Logs Run
Gamma Ray - Neutron Log

27. Was Well Cased
No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	920'	12 1/4"	200 Sacks	None
4 1/2"	10.5#	4216'	7 7/8"	1270 Sacks	None

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	3955'	3955'

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3995 - 4027'	20 Holes	DEPTH INTERVAL 1748'	AMOUNT AND KIND MATERIAL USED Squeezed w/300 sx Class C 4% CaCl Cement
		3995-4027'	Acidized 1500 gals 15% HCL
		3995-4027'	Fraced 10,000# 20/40 Sand

33. PRODUCTION

Date First Production 4-8-80	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Producing
Date of Test 4-10-80	Hours Tested 24 Hours	Choke Size 1/2"
Flow Tubing Pressure 50#	Minimum Pressure 0	Flow Rate (bbl./hr.) 76
		Oil - bbl. 76
		Gas - MCF 100
		Water - bbl. 20 LW
		Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented - Waiting on Continental

Test Witnessed By

35. List of Attachments
Logs and Deviation Survey

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 *Georgia A. Loyd* TITLE **Production Clerk** DATE **April 21, 1980**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Department not later than 30 days after the completion of any new well, if not deepened well. It shall be accompanied by a copy of all data recorded in the test activity log and on the well, and a summary of all special tests conducted, including drill stem tests. All test results shall be accompanied by, in the case of fire tests, a well log well, true vertical depth and also be reported for multiple completions. Test results shall be reported for each zone. The form must be filed in geographic order on the state land, where applicable are required. See Rule 11.5.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anly _____	T. Canyon _____	T. Op. Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>2064'</u> _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>2460'</u> _____	T. Pennsylv _____	T. Menatee _____	T. Madison _____
T. Queen <u>3210'</u> _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>3590'</u> _____	T. Montoya _____	T. Manes _____	T. McCracken _____
T. San Andres <u>3995'</u> _____	T. Simpson _____	T. Gallup _____	T. Ignacio Quete _____
T. Glerieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Padlock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todillo _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Winpate _____	T. _____
T. Wolfcamp _____	T. _____	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 3995 to 4027 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 1748' to Surface feet

No. 2, from to feet

No. 3, from to feet

No. 4, from to feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

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From	To	Thickness in feet	Formation
0	130	130	Sand
130	540	210	Red Rock
540	550	10	Sand
550	595	45	Red Rock
595	615	20	Water Sand
615	900	285	Red Rock
900	1070	170	Anhydrite
1070	2065	995	Salt
2065	2320	255	Anhydrite & Salt
2320	2350	30	Anhydrite & Shale
2350	2390	40	Anhydrite
2390	2410	30	Shale
2410	2420	10	Anhydrite
2420	2430	10	Dolomite
2430	2460	30	Shale
2460	2490	30	Anhydrite & Sand
2490	2510	20	Anhydrite & Shale
2510	2520	10	Shale & Sand
2520	2620	100	Shale
2620	2650	30	Shale & Sand
2650	2710	60	Anhydrite
2710	2740	30	Sand
2740	2790	50	Sandy Shale
2790	2840	50	Anhydrite
2840	2900	60	Shale
2900	3030	130	Sandy Dolomite
3030	3220	190	Sandy Shale
3220	3270	50	Sand
3270	3300	30	Anhydrite
3300	3360	60	Shale
3360	3390	30	Sandy Shale
3390	3410	20	Sand
3410	3890	480	Dolomite
3890	3900	10	Sandy Dolomite
3900	4000	100	Dolomite
4000	4060	60	Dolomite & Sand
4060	4070	10	Dolomite
4070	4080	10	Dolomite & Sand
4080	4090	10	Dolomite
4090	4150	60	Dolomite & Sand
4150	4180	30	Dolomite
4180	4190	10	Dolomite & Sand
4190	4200	10	Dolomite