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NEW MEXICO OIL CONSERVATION COMMISSION

30-025-26720

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-4109	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work		7. Unit Agreement No.	
a. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Firm or Lease Name Wallingford	
2. Name of Operator Arrowhead Oil Corporation		9. Well No. #2	
3. Address of Operator P. O. Box 548, Artesia, New Mexico 88210		10. Field and Pool, or Fieldcat Maljamar	
1. 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 NMDP		12. County Lea	
12. Proposed Depth 4200'		19A. Formation Grayburg-S. Andres	
21. Elevations (Show whether D.F., R.T., etc.) 3906' GL		21B. Drilling Contractor Alta West	
21A. Kind & Status Plug. Bond Blanket		22. Approx. Date Work will start March 9, 1980	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	900'	200 Sacks	Circulate
7 7/8"	4 1/2"	10.5#	4200'	425 Sacks	2350'

We propose to drill to approximately 900' and run 8 5/8" casing. Circulate the cement and wait 18 hours.

Drill on to approximately 4200' and run 4 1/2" casing. Cement with 425 sacks Class C 50/50 poz cement, up to the base of the salt.

A 10" 900 Series Cameron SS 3000# blowout preventer will be used in drilling this well.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Shirley A. Loyd Title Secretary Date March 4, 1980

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE MAR 7 1980

CONDITIONS OF APPROVAL, IF ANY:

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THE INFORMATION DIV.



**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form No. 1
Supersedes O-128
Date 1-1-77

All distances must be from the outer boundaries of the Section

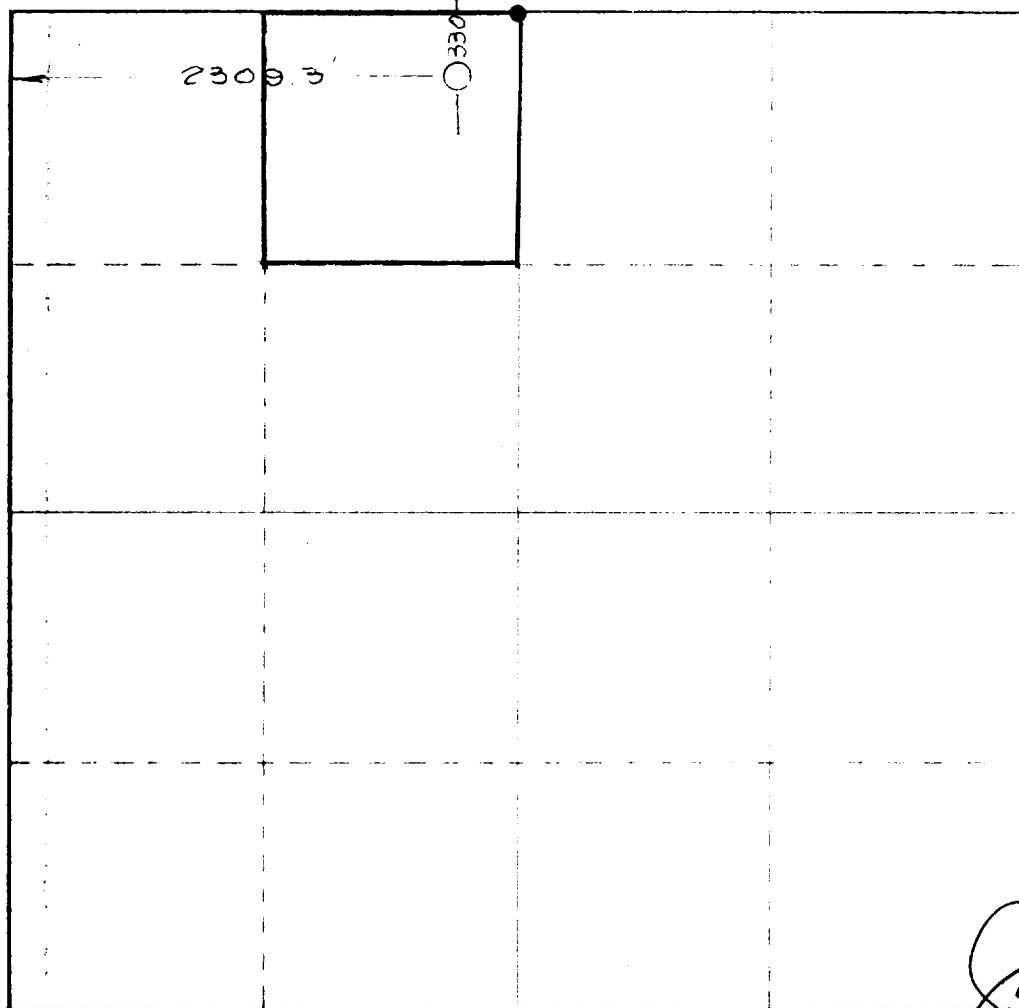
Operator ARROWHEAD OIL CORPORATION			County WALLINGFORD STATE		Section 2
Unit Letter C	Section 32	Township 17 South	Range 32 East	County Lea	
Actual Exact Location of Well:					
330	feet from the	North	line and	2309.3	feet from the
					West
Ground Level Elev. 3906	Underlying Formation Grayburg-San Andres		Underlying Formation Maljamar		40

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (that is to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Georgia A. Loyd

Georgia A. Loyd

Secretary

Arrowhead Oil Corporation

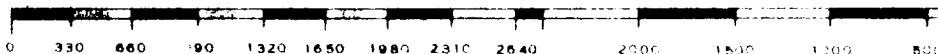
March 4, 1980

I hereby certify that the well location shown on this plat was ascertained from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

February 27, 1980

John W. Shear

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