

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address. ARCH PETROLEUM, INC. 10 DESTA DRIVE, STE. 420E MIDLAND TX 79705		OGRID Number 000962
		API Number 30-025-23494
Property Code 14920	Property Name MATTERN	Well No. 1

7 Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North / South line	Feet from the	East / West line	County
L	30	21S	37E		1650'	SOUTH	660'	WEST	Lea

8 Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North / South line	Feet from the	East / West line	County
Proposed Pool 1 PADDOCK					Proposed Pool 2				

Work Type Code P	Well Type Code O	Cable / Rotary	Lease Type Code P	Ground Level Elevation 3516'
Multiple	Proposed Depth PBTD 5450'	Formations PADDOCK	Contractor	Spud Date
NO				

Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight / foot	Setting Depth	Sacks of Cement	Estimated TOC

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

WE PROPOSE:

MIRU PU NDWH, POH W/PRODUCING EQUIP. SET CIBP @ 5450' AND CAP W/25 X CMT.
TO ABANDON CURRENT BLINEBRY COMPLETION. PERFORATE AND ACIDIZE PADDOCK
FORMATION. GIH W/PRODUCING EQUIPMENT. NDBOP NUWH AND RETURN WELL TO
PRODUCTION.

I hereby certify that the information given above is true and complete to the best

of my knowledge and belief.

Signature:

Bobbie Brooks

Print name:

Bobbie Brooks

Title:

Production Analyst

Date:

3/11/96

Phone:

685-1961

OIL CONSERVATION DIVISION

Approved by: **ORIGINAL SIGNED BY JERRY SEXTON**

Title:

DISTRICT I SUPERVISOR

Approval Date:

MAR 12 1996

Expiration Date:

Conditions of Approval:

Attached ☐

Measurements and dimensions are to be in feet / inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN UNRECORDED REPORT CHECK THE BOX LABELED "UNRECORDED" AT THE TOP OF THIS DOCUMENT.

1. Operator's name and address. If you do not have one it will be assigned and filed in by the District office.

2. Operator's name and address.

3. API number of this well. If this is a new drill the OCD will assign the number and fill it in.

4. Property code. If this is a new property the OCD will assign the number and fill it in.

5. Property name that used to be called 'well name'.

6. The number of this well on the property.

7. The surveyed location of this well New Mexico principal Meridian. NOTE: If the United States government survey designates a Lot Number for this location use that number in the UL or lot no. box. Otherwise use the OCD Unit letter.

8. The proposed bottom hole location of this well at TD.

9 and 10. The proposed pool(s) to which this well is being drilled.

11. Work type code from the following table:

N New Well
E Re-entry
D Drill deeper
P Plugback
A Add a zone

12. Well type code from the following table:

O Single oil completion
G Single gas completion
M Multiple completion
I Injection well
S SWD well
W Water supply well
C Carbon dioxide well

13. Cable or rotary code

C Propose cable tool drill
R Propose to rotary drill

14. Lease type code from the following table:

F Federal
S State
P Private
N Navajo
J Jicarilla
U Ute
I Other Indian tribe

15. Ground level elevation above sea level.

16. Intend to multiple complete? Yes or No.

17. Proposed total depth of this well.

18. Geologic formation at TD.
19. Name of the intended drilling company if known.
20. Anticipated spud date.
21. Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement.
22. Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.
23. The signature, printed name, and title of the person authorized to make this report. The data this report was signed and the telephone number to call for questions about this report.

Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

16					<p>17 OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p> <div style="border-bottom: 1px solid black; margin-top: 20px;"> <p style="text-align: center;"><i>Bobbie Brooks</i></p> <p style="text-align: center;">Signature</p> </div> <div style="border-bottom: 1px solid black; margin-top: 5px;"> <p style="text-align: center;">BOBBIE BROOKS</p> <p style="text-align: center;">Printed Name</p> </div> <div style="border-bottom: 1px solid black; margin-top: 5px;"> <p style="text-align: center;">PRODUCTION ANALYST</p> <p style="text-align: center;">Title</p> </div> <div style="border-bottom: 1px solid black; margin-top: 5px;"> <p style="text-align: center;">3/11/96</p> <p style="text-align: center;">Date</p> </div>
<div style="border: 1px dashed black; width: 50px; height: 50px; margin: 0 auto; position: relative;"> <div style="position: absolute; top: -10px; left: 0;">660'</div> <div style="position: absolute; left: 0; bottom: -10px;">1650'</div> </div>					<p>18 SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted 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 belief.</i></p> <div style="border-bottom: 1px solid black; margin-top: 20px;"> <p style="text-align: center;">Date of Survey</p> </div> <div style="border-bottom: 1px solid black; margin-top: 5px;"> <p style="text-align: center;">Signature and Seal of Professional Surveyor:</p> </div> <div style="border-bottom: 1px solid black; margin-top: 20px;"> <p style="text-align: center;">Certificate Number</p> </div>

New Mexico Oil Conservation Division
C-102 Instructions

IF THIS IS AN AMENDED REPORT, CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed contact the appropriate OCD district office. Independent subdivision surveys will not be acceptable.

1. The OCD assigned API number for this well
2. The pool code for this (proposed) completion
3. The pool name for this (proposed) completion
4. The property code for this (proposed) completion
5. The property name (well name) for this (proposed) completion
6. The well number for this (proposed) completion
7. Operator's OGRID number
8. The operator's name
9. The ground level elevation of this well
10. The surveyed surface location of this well measured from the section lines. NOTE: If the United States government survey designates a Lot Number for this location use that number in the "UL or lot no." box. Otherwise use the OCD unit letter.
11. Proposed bottom hole location. If this is a horizontal hole indicate the location of the end of the hole.
12. The calculated acreage dedicated to this completion to the nearest hundredth of an acre
13. Put a Y if more than one completion will be sharing this same acreage or N if this is the only completion on this acreage
14. If more than one lease of different ownership has been dedicated to the well show the consolidation code from the following table:

C	Communitization
U	Unitization
F	Forced pooling
O	Other
P	Consolidation pending

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION!

15. Write in the OCD order(s) approving a non-standard location, non-standard spacing, or directional or horizontal drilling

16. This grid represents a standard section. You may superimpose a non-standard section over this grid. Outline the dedicated acreage and the separate leases within that dedicated acreage. Show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. (Note: A legal location is determined from the perpendicular distance to the edge of the tract.) If this is a high angle or horizontal hole show that portion of the well bore that is open within this pool.

Show all lots, lot numbers, and their respective acreage.

If more than one lease has been dedicated to this completion, outline each one and identify the ownership as to both working interest and royalty.

17. The signature, printed name, and title of the person authorized to make this report, and the date this document was signed.
18. The registered surveyors certification. This section does not have to be completed if this form has been previously accepted by the OCD and is being filed for a change of pool or dedicated acreage.

