

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101

Revised October 18, 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. 300 North Marienfeld, Suite 600 Midland, Texas 79701		GRID Number 000962
		API Number 30 - 025-11206
Property Code 014915	Property Name Lillie	Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
D	23	24S	37E		660	North	330	West	Lea

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 Fowler-UpperPaddock Gas					Proposed Pool 2				

Work Type Code P	Well Type Code G	Cable/Rotary C	Lease Type Code LP	Ground Level Elevation 3227
Multiple	Proposed Depth 5700	Formation Paddock	Contractor	Spud Date

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/4"	13-3/8"	61#	319	375	surface
12-1/4"	9-5/8"	36#	3800	1050	1970'
8-3/4"	7"	23,26 & 29#	10287	920	8085'

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.

Set CIBP @ 5700' and cap w/2 sx cement abandoning current Tubb completion.

Test CIBP to 3000#.

Run GRN CCL log 4500-5000'

Perforated Paddock as determined by log.

RIH w/2-7/8" work string.

Swab to evaluate for possible frac.

Permit Expires 1 Year From Approval
Date Unless ~~Drilling~~ Underway

Plug-Back

Completion contingent on approval of non-standard location application.

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

Signature:

Robin S. McCarley

Printed name:

Robin S. McCarley

Title:

Production Tech.

OIL CONSERVATION DIVISION

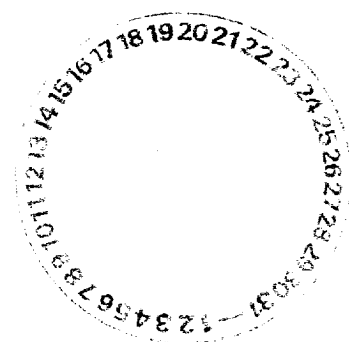
Approved By ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

Title:

Approval Date:

OCT 14 1998

Expiration Date:



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Form C-102
Revised October 18, 1994
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State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-11206		2 Pool Code 77080		3 Pool Name Fowler-Upper Paddock Gas		
4 Property Code 014915		5 Property Name Lillie			6 Well Number 1	
7 OGRID No. 000962		8 Operator Name Arch Petroleum Inc.			9 Elevation 3227	

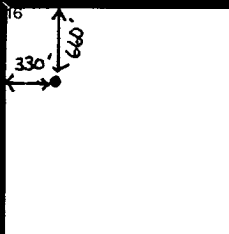
10 Surface Location

UL or lot no. D	Section 23	Township 24S	Range 37E	Lot Idn	Feet from the 660	North/South line North	Feet from the 330	East/West Line West	County Lea
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11 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
12 Dedicated Acres 320.00		13 Joint or Infill		14 Consolidation Code		15 Order No.			

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

				17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>	
				Signature <i>Robin S. McCarley</i>	
				Printed Name Robin S. McCarley	
				Title Production Tech.	
				18 SURVEYOR CERTIFICATION <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>	
				Date of Survey	
				Signature and Seal of Professional Surveyer:	
				Certificate Number	

