

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		OGRID Number 000962
		API Number 30 - 025-11211
Property Code 14915	Property Name Lillie	Well No. 3

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
E	23	24S	37E		2310	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
Fowler; Drinkard									
Proposed Pool 1						Proposed Pool 2			

Work Type Code P	Well Type Code O	Cable/Rotary C	Lease Type Code SP	Ground Level Elevation 3224
Multiple	Proposed Depth 6275	Formation Drinkard	Contractor	Spud Date

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2	13-3/8	48#	327	500	Surface
12-1/4	9-5/8	36#	3896	2324	35'
8-1/4	7	23# & 26#	7300	1125	100'

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.

It is proposed to:

Set CIBP @ 6275. Test to 3000#.

Perforate Drinkard 6210-6270' w/2 JSPF.

Acidize perforations w/3000 gallons 15% AS HCL.

Swab test.

Run production equipment as required and place well on production.

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

Plug-Back

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  
GARY WINK  
Title: FIELD REP. II

Approval Date: 8-16-99

Expiration Date:

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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-11211		2 Pool Code 26220 49190		3 Pool Name Fowler Drinkard		
4 Property Code 14915		5 Property Name Lillie			6 Well Number 3	
7 OGRID No. 000962		8 Operator Name Arch Petroleum Inc.			9 Elevation 3224	

10 Surface Location

UL or lot no. E	Section 23	Township 24S	Range 37E	Lot Idn	Feet from the 2310	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 40.00		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

16				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature Robin S. McCarley Printed Name Production Tech. Title 08-10-99 Date			
18 SURVEYOR CERTIFICATION 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.  Date of Survey Signature and Seal of Professional Surveyer:  Certificate Number							