

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. P. O. Box 10340, Midland, TX 79702-7340		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
Proposed Pool 1 Fowler Upper Yeso - 26680					Proposed Pool 2				

Work Type Code P	Well Type Code O	Cable/Rotary C	Lease Type Code P	Ground Level Elevation 3224
Multiple	Proposed Depth 5500	Formation Yeso	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 @ 6175'. Cap w/ 20' cmt. Set CIBP @ 5500' and test to 3000#. Perf Blinbry 5430'-50' w/ 2JSPF. Acdz w/ 1000 gals 7-1/2% acid. Swab test. Frac w/ 100 M # 16/30 SN. Swab test. Set RBP @ 5300'. Perf Upper Yeso 5188'-96' w/ 2 JSPF. Acdz w/ 1000 gals 7-1/2% acid. Swab test. Frac w/ 100 M # 16/30 SN. Swab test. Run production equipment and place well on production.

Permit Expires 1 Year From Approval
Date Unless ~~Drilling Underway~~
Plug-Back

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

Signature: *Cathy Tomberlin*

Printed name: Cathy Tomberlin

Title: Operation Tech

Date: 02-22-00

Phone: 915-685-8100

OIL CONSERVATION DIVISION

Approved By:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached: ☐

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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 30-025-11211	2 Pool Code 26680	3 Well Name <i>Wildcat</i> Fowler Upper Yeso	4 Pool Name
5 Property Code 014915	6 Property Name Lillie		7 Well Number 3
8 OGRID No. 000962	9 Operator Name Arch Petroleum Inc.		10 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 80.00	13 Joint or Infill	14 Consolidation Code		15 Order No. <i>USL-4421</i>					

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

16 330°					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> <i>Cathy Tomberlin</i> Signature Cathy Tomberlin Printed Name Operation Tech Title 02-22-00 Date
					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