

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural ResourcesOil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505Form C-101
March 4, 2004Submit 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
Property Code 27142		API Number 30 - 025-36240
Property Name E. C. Hill "C"		Well No. 4

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	27	23S	37E		1260	South	990	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
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* Proposed Pool 1
Langlie Mattix 7 Rvrs Q Grayburg (37240)

** Proposed Pool 2

Drilling Pit Location and Other Information

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Depth to ground water				Distance from nearest fresh water well			Distance from nearest surface water		
Work Type Code P		Well Type Code 0		Cable/Rotary		Lease Type Code P		Ground Level Elevation 3286	
Multiple No		Proposed Depth		Formation 7 Rvrs Q		Contractor		Spud Date When approved	

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4	8-5/8	32	1112	650	
7-7/8	5-1/2	15.5	5500	1415	
	2-3/8		5378		

** 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.

SEE ATTACHED.

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines ☒ a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Signature: *Cathy Wright*

Printed name: Cathy Wright

Title: Sr. Operation Tech

E-mail Address: wrightc@pogoproducing.com

Date: 08/04/04

Phone: 432-685-8100

OIL CONSERVATION DIVISION

Approved by:

Chris Williams

Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER

Approval Date: AUG 11 2004

Expiration Date:

Conditions of Approval: If gas well, well will be shut in until NSL received for gas location

Arch Petroleum Inc.
E. C. Hill C #4
M/27/23S/37E
Lea County, NM
30-025-36240

Arch Petroleum Inc. respectfully request permission to plugback the E. C. Hill C #4 from the Teague Paddock Blinbry to the Langlie Mattix 7 Rvrs Q Grayburg. A CIBP will be set approximately 50' above the Paddock before perforating and stimulating the Langlie Mattix 7 Rvrs Q Grayburg.

DISTRICT I

P.O. Box 1888, Hobbs, NM 88241-1888

DISTRICT II

P.O. Drawer 82, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Artesia, NM 87410

DISTRICT IV

P.O. Box 8888, Santa Fe, N.M. 87504-8888

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT☐ AMENDED REPORT

API Number 30-025-36240	Pool Code 37240	Pool Name Langlie Mattix 7 Rvrs Q Grayburg
Property Code 27142	Property Name EC. HILL "C"	Well Number 4
OGRIID No. 000962	Operator Name ARCH PETROLEUM, INC.	Elevation 3286'

Surface Location

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
M	27	23-S	37-E		1260'	SOUTH	990'	WEST	LEA

Bottom Hole Location if Different From Surface

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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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

<p>standard location for oil only; must amend NSL 4855 to include LM7RQ for gas per Paul Sautz</p>	<p>GEODETIC COORDINATES NAD 27 NME Y = 464490.3 X = 864000.0 LAT. 32°16'17.43"N LONG. 103°09'20.42"W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Cathy Wright</i> Signature</p> <p>Cathy Wright Printed Name</p> <p>Sr. Operation Tech Title</p> <p>08/05/04 Date</p>
		<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>MARCH 04, 2003</p> <p>Date Surveyed</p> <p><i>G. EIDSON</i> Signature & Seal of Professional Surveyor</p> <p>NEW MEXICO 03.17.028250</p> <p>Certification No. 80829 12641</p>