

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, Suite 420E Midland, TX 79705		OGRID Number 000962
		API Number 30-025-11209
Property Code 14415	Property Name LILLIE	Well No. 2

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
D	23	24S	37E		697'	NORTH	568'	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 WILDCAT ABO					Proposed Pool 2				

Work Type Code A P	Well Type Code O	Cable / Rotary C	Lease Type Code P	Ground Level Elevation 3252' GL
Multiple N	Proposed Depth 6800' PBDT	Formations ABO	Contractor	Spud Date

Proposed Casing and Cement Program

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

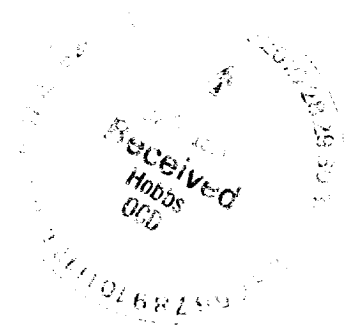
Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Squeeze current Upper Yeso perms 5130'-5596'. Pressure test squeeze cement job.
Drill out CIBP at 6180'. Set CIBP at 6800'. Squeeze Drinkard perms 6210'-6320'. Pressure test squeeze.
Perf 7" csg. 6315'-6450'. Acdz. Abo perms and return to production.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

Plugback

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Bobbie Brooks</i>		Approved by: ORIGINAL SIGNED BY JERRY SEXTON	
Print name: BOBBIE BROOKS		Title: DISTRICT ENGINEER	
Title: PRODUCTION ANALYST		Approval Date: FEB 08 1996	Expiration Date:
Date: 1/24/96	Phone: (915) 685-1961	Conditions of Approval: Attached <input type="checkbox"/>	



District I
PO Box 1900, Hobbs, NM 88241-1900
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Revised February 10, 1994
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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

* API Number 30-025-11209		* Pool Code		* Pool Name WILDCAT ABO	
* Property Code 14915		* Property Name Lillie			* Well Number 2
* OGRID No. 000962		* Operator Name ARCH PETROLEUM INC.			* Elevation 3,252 GL

10 Surface Location									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
D	23	24S	37E		697	North	568	West	Lea

11 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
12 Dedicated Acres: 40									
* Joint or Infill		* Consolidation Code		* 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 ✓ 647' -568' H ₂					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <u>Bobbie Brooks</u> Printed Name: <u>BOBBIE BROOKS</u> Title: <u>PRODUCTION ANALYST</u> Date: <u>February 7, 1996</u>
					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 Surveyor: Certificate Number: