

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

1Operator Name and Address Arch Petroleum Inc. 300 North Marienfeld, Suite 600 Midland, Texas 79701		2OGRID Number 000962
		3API Number 30 - 025-10061
4Property Code 14917	5Property Name Lee Stebbins (NCT-B)	6Well No. 3

7Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
A	5	22S	37E		660	North	460	East	Lea

8Proposed 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
9Proposed Pool 1 Wantz; Abo					10Proposed Pool 2 McCormack; Silurian				

11Work Type Code D	12Well Type Code O	13Cable/Rotary R	14Lease Type Code P	15Ground Level Elevation 3464
16Multiple	17Proposed Depth 8000	18Formation Abo - Silurian	19Contractor	20Spud Date

21Proposed 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#	293	320	Surface
12-1/2"	9-5/8"	36#	2950	1300	1555'
8-3/4"	7"	23#	6500	750	2930'

22Describe 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.

- 1) POH w/rods, pump and tubing.
- 2) TIH w/packer and squeeze perms 5716-5927' and 6050-6230'.
- 3) Drill out and test squeeze.
- 4) Drill out CIBP @ 6285'.
- 5) RIH w/packer and squeeze perms 6338-6470'. Drill out and test squeeze.
- 6) Drill open hole to 8000'.
- 7) Run logs and complete Open Hole as determined by logs.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
*Deeper*

23I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Robin S. McCarley</i>	OIL CONSERVATION DIVISION ORIGINAL SIGNED BY CHRIS WILLIAMS	
	Approved By: <i>CHRIS WILLIAMS</i>	DISTRICT I SUPERVISOR
Printed name: Robin S. McCarley	Title:	
Title: Production Tech.	Approval Date: <i>OCT 20 1999</i>	Expiration Date:

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-102  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-10061		2 Pool Code 62700		3 Pool Name Wantz; Abo	
4 Property Code 14917		5 Property Name Lee Stebbins (NCT-B)			6 Well Number 3
7 OGRID No. 000962		8 Operator Name Arch Petroleum Inc.			9 Elevation 3464

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
A	5	22S	37E		660	North	460	East	Lea

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

*Robin S. McCarley*  
Signature  
Robin S. McCarley  
Printed Name  
Production Tech.  
Title  
10-12-99  
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

MINIMUM BLOWOUT PREVENTER REQUIREMENTS

3,000 psi Working Pressure

3 MWP

STACK REQUIREMENTS

No.	Item	Min I.D.	Min. Nominal
1	Flowline		
2	Fill up line		2"
3	Drilling nipple		
4	Annular preventer		
5	Two single or one dual hydraulically operated rams		
6a	Drilling spool with 2" min. kill line and 3" min. choke line outlets		
6b	2" min. kill line and 3" min. choke line outlets in ram. (Alternate to 6a above.)		
7	Valve	Gate <input type="checkbox"/> Plug <input type="checkbox"/>	3-1/8"
8	Gate valve—power operated		3-1/8"
9	Line to choke manifold		3"
10	Valves	Gate <input type="checkbox"/> Plug <input type="checkbox"/>	2-1/16"
11	Check valve		2-1/16"
12	Casing head		
13	Valve	Gate <input type="checkbox"/> Plug <input type="checkbox"/>	1-13/16"
14	Pressure gauge with needle valve		
15	Kill line to rig mud pump manifold		2"

OPTIONAL			
16	Flanged valve	1-13/16"	

