

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

¹ Operator Name and Address Arch Petroleum Inc. 300 North Marienfeld, Suite 600 Midland, Texas 79701		² OGRID Number 000962
		³ API Number 30 - 025-06016
⁴ Property Code 14896	⁵ Property Name Bertie Whitmire	⁶ Well No. 6

⁷Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
B	8	20S	37E		990	North	2310	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
⁹ Proposed Pool 1 Monument Abo					¹⁰ Proposed Pool 2				

¹¹ Work Type Code D	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3555
¹⁶ Multiple	¹⁷ Proposed Depth 7500	¹⁸ Formation Abo	¹⁹ Contractor	²⁰ Spud Date 06-01-99

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#	469	475 sx	Surface
12-1/4"	9-5/8"	36#	2900	1700 sx	Surface
8-3/4"	7"	20# & 23#	5712	428 SX	2550'

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) MI RU RT.
- 2) Drill into Abo Formation.
- 3) Run open hole logs.
- 4) Run 4-1/2" liner to top of Abo.
- 5) Acidize Abo and swab test to evaluate.
- 6) Run production equipment as required.
- 7) Put well on production.

Permit Expires 1 Year From Approval
Date Unless ~~Drilling~~ Underway
Deepen

²³I 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 Technician

OIL CONSERVATION DIVISION

Approved By: ORIGINAL SIGNED BY OFFICIAL
DISTRICT I SUPERVISOR

Title:

Approval Date:

11/11 10 1999

Expiration Date: