

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 - 025-06018
⁴ Property Code -047080	⁵ Property Name Bertie Whitmire	⁶ Well No. 8

⁷Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
F	8	20S	37E		1650	North	1980	West	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 <i>Cass; Penn</i>						¹⁰ Proposed Pool 2 Cass (Penn)			

¹¹ Work Type Code D	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3552
¹⁶ Multiple	¹⁷ Proposed Depth 8100	¹⁸ Formation Cass (Penn)	¹⁹ Contractor To Be Determined	²⁰ Spud Date

²¹Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/4	13-3/8	48#	438	475	Surface
12-1/4	9-5/8	36#	2829	1700	Surface
8-3/4	7	20 & 23#	5249	400	2786'
7-7/8	4-1/2	11.6#	8100		

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.

Wellbore is currently shut-in in the Monument Paddock Pool at a TD of 5250'.
It is proposed to drill to 8100'
Run open hole logs and test.
Run and set 4-1/2" casing.
Perforate formation as determined by logs.
Stimulate as necessary.

Permit Expires 1 Year From Approval
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: Technical Administrator

915-685-8500

OIL CONSERVATION DIVISION

Approved By:

OFFICIAL SIGNATURE

Title:

Approval Date:

12-3-98

Expiration Date:

AKC
MP