

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 6300	¹⁸ Formation Abo	¹⁹ Contractor	²⁰ Spud Date 03-31-99

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 300' into Abo.
- 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
Deepening

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: *[Signature]*

Title: *[Signature]*

Approval Date: *[Signature]* Expiration Date: *[Signature]*

MP

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Santa Fe, NM 87505

Form C-102

Revised October 18, 1994

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State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-06016	2 Pool Code 46970	3 Pool Name Monument Abo
4 Property Code 14896	5 Property Name Bertie Whitmire	6 Well Number 6
7 OGRID No. 000962	8 Operator Name Arch Petroleum Inc.	9 Elevation 3555

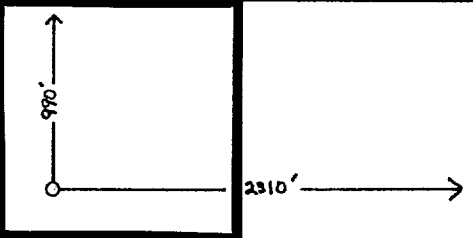
10 Surface Location

UL or lot no. B	Section 8	Township 20S	Range 37E	Lot Idn	Feet from the 990	North/South line North	Feet from the 2310	East/West Line East	County Lea
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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	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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i> Signature Robin S. McCarley Printed Name Production Tech. Title 03-26-99 Date
	18 SURVEYOR CERTIFICATION <i>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.</i> Date of Survey Signature and Seal of Professional Surveyer: Certificate Number				