

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
PO 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

¹ Operator Name and Address. Arch Petroleum, Inc. 777 Taylor Street, Suite II-A Ft. Worth, TX 76102		¹ OGRID Number 000962
		¹ API Number 30 - 0 25-06015
⁴ Property Code 15645	⁵ Property Name Bertie Whitmire	⁶ Well No. 5

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
F	8	20S	37E		1650	North	1650	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
⁹ Proposed Pool 1 Monument, Tubb 47090					¹⁰ Proposed Pool 2				

¹¹ Work Type Code D	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation
¹⁶ Multiple No	¹⁷ Proposed Depth 6800'	¹⁸ Formation Tubb	¹⁹ Contractor	²⁰ Spud Date

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
6 1/4	4 1/2	11.6 lb	6800	235	3500

²² 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.

POH with producing equipment. Set cmt rtnr @ 5525' and squeeze perms 5580 - 5685 with 150 sx class c. drill out cmt rtnr and cmt. Test squeeze. Drill out float shoe and deepen well from 5699' to 6800' using 6 1/4" bit. Run 4 1/2", 11.6#, J-55 csg setting @ 6800'. Cement with 235 sx cmt.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Merrick S. Vanderslice

Printed name:

Merrick S. Vanderslice

Title:

V.P. of Operations

Date:

9/12/94

Phone:

915-685-1961

OIL CONSERVATION DIVISION

Approved by:

[Signature]

Title:

[Signature]

Approval Date:

SEP 27 1994

Expiration Date:

Conditions of Approval:

Attached ☐