

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-1 J1  
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

Operator Name and Address Arch Petroleum Inc. 10 Desta Drive, Suite 420E Midland, Texas 79705		OGRID Number 000962
		API Number 30-025-34483
Property Code 14896	Property Name Bertie Whitmire	Well No. 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
H	8	20S	37E		2310	North	990	East	Lea

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
Proposed Pool 1 Monument Abo; SE					Proposed Pool 2				

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3547
Multiple	Proposed Depth 7400	Formation Abo	Contractor To Be Determined	Spud Date

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14-3/4	11-3/4	42#	400	225 sx Class C	Surface
11	8-5/8	24#	2900	650 sx Class C	Surface
7-7/8	5-1/2	15.5#	7400	560 sx Class C	1500'

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.

Mud program:

0-400': M-I Gel/Lime Spud Mud, 8.8-9.2 PPG, PV 4-8, YP 4-6

400-2900': Brine/Native, 10.0-10.1 PPG, PV 10-14, YP 8-12

2900-7400', Fresh/Native MI Gel/Polypac/Poly Plus, 8.4-8.9 PPG, PV 8-12, YP 6-10

See attached BOP schematic.

Permit Expires 1 Year from Approval  
Date Unless Drilling Underway

I 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

OIL CONSERVATION DIVISION

Approved By:

ORIGINAL SIGNED BY: J. H. WILLIAMS  
DISTRICT SUPERVISOR

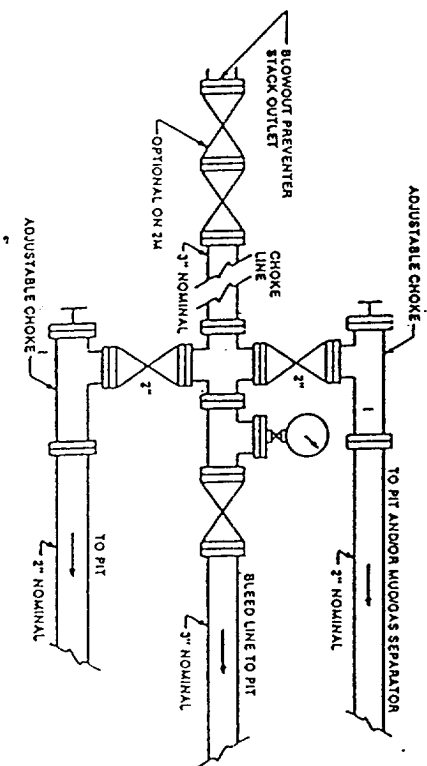
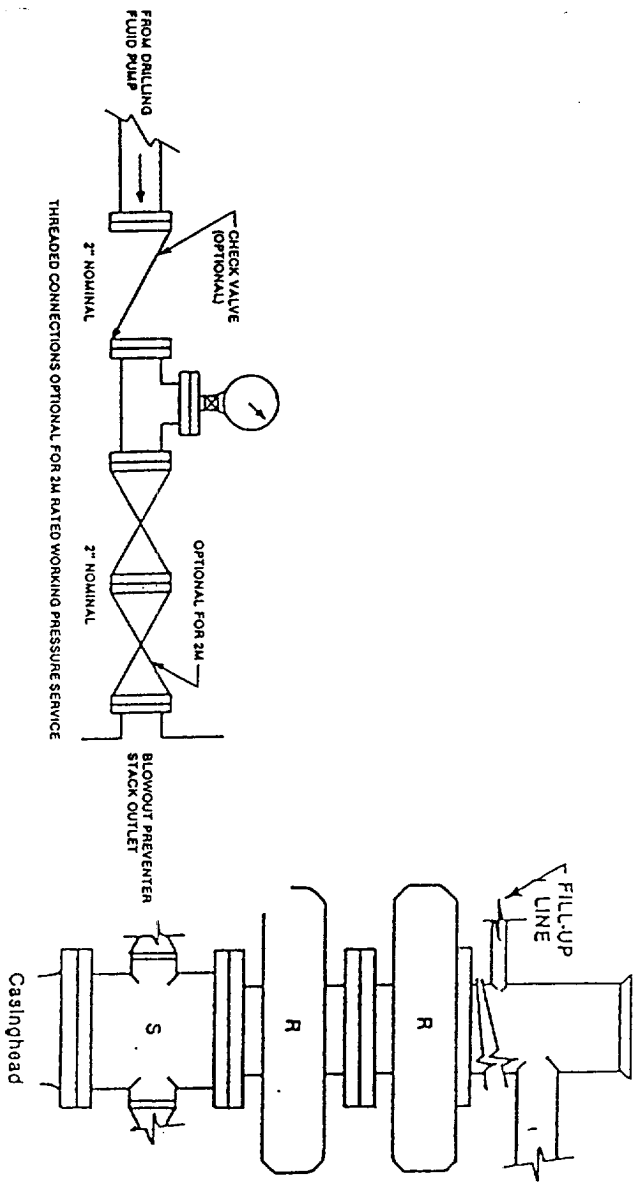
Title:

Approval Date:

AUG 10 1998

Expiration Date:

# **BOP SCHEMATIC** **IADC Class 3** **3M (3000 psi) Working Pressure**



Typical Kill Line

BOP Stack

Choke Manifold

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV  
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-344 83	Pool Code 96764	Pool Name Monument Abo; SE
Property Code 14896	Property Name BERTIE WHITMIRE	Well Number 10
GRID No. 000962	Operator Name ARCH PETROLEUM, INC.	Elevation 3547

Surface Location

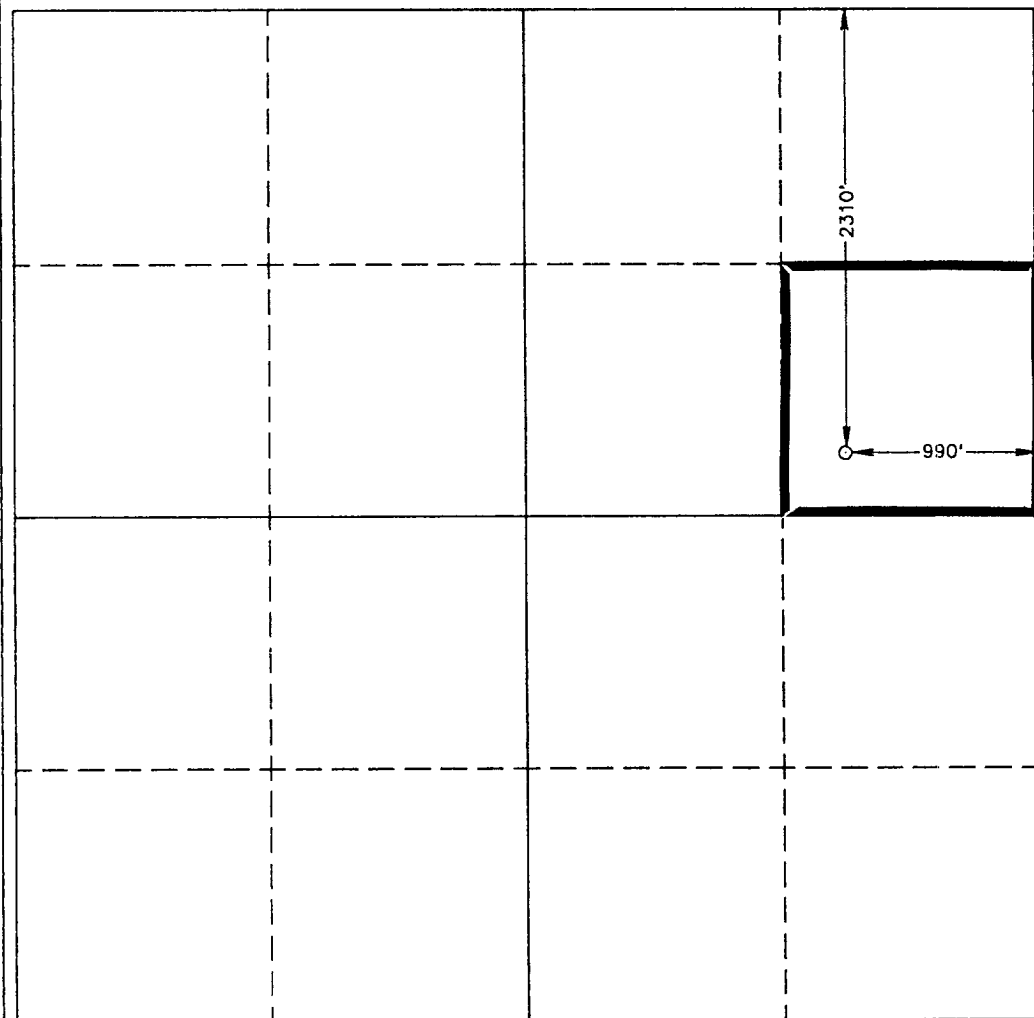
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	8	20 S	37 E		2310	NORTH	990	EAST	LEA

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

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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

	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Robin S. McCarley</i> Signature</p> <p>Robin S. McCarley Printed Name</p> <p>Technical Administrator Title</p> <p>08/05/98 Date</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>JUNE 22, 1998 Date Surveyed</p> <p>Signature &amp; Seal Professional Surveyor</p> <p><i>Ronald A. Edson</i> W.O. Num. 98-11-0936</p> <p>Certificate No. RONALD A. EDSON, 3239 CARING EIDSON, 12841 RONALD A. EDSON, 12185</p>
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