

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

Operator Name and Address Arch Petroleum Inc. 10 Desta Drive, Suite 420E Midland, Texas 79705		OGRID Number 000962
		API Number 30 - 0 15-30160
Property Code 13065	Property Name Terry	Well No. 1

Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
G	24	18S	26E		2310	North	2240	East	Eddy

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
Atoka	Glorieta	Yeso	3250						

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3292
Multiple No	Proposed Depth 3650	Formation Yeso	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
12-1/4	8-5/8	23#	1010	250 sx Class "C"	Surface
7-7/8	4-1/2	11.6#	3650	850 sx Class "C"	Surface
					Port ID-1
					3-20-98
					API & LCC

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:

0-990' Gel/Lime Spud Mud, 8.8 - 9.2 PPG, PV 10-16, YP 6-14 Vis  
990-3650' Fresh/native Gel Polypac, 8.4-8.9 PPG, PV 6-10, YP 4-6 Vis

See attached BOP Schematic for 3000 psi working pressure.

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 TIM W. GUM  
DISTRICT II SUPERVISOR

Title:

Approval Date:

MAR 16 1998

Expiration Date:

3-16-99

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

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

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

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

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 003250	Pool Name Atoka; Glorieta-Yeso
Property Code	Property Name TERRY	Well Number 1
OGRID No. 000962	Operator Name ARCH PETROLEUM, INC.	Elevation 3292

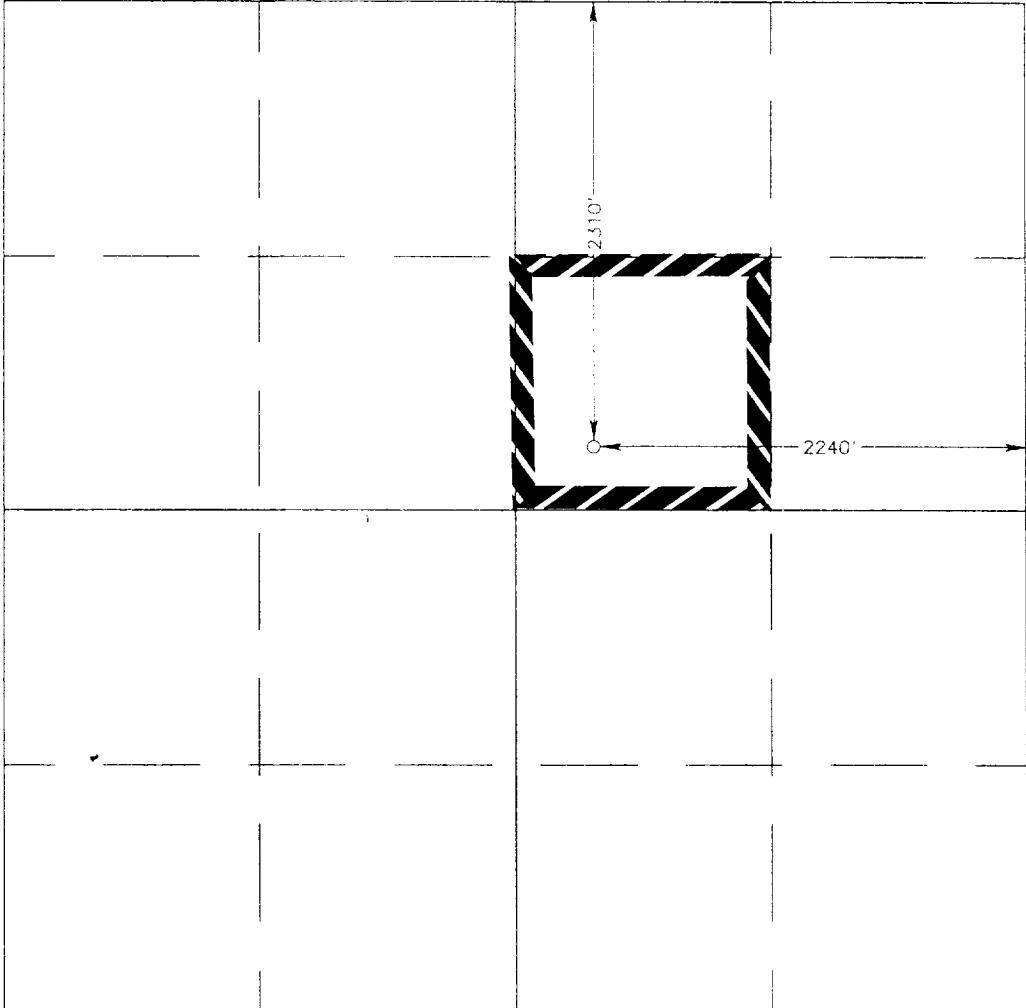
Surface Location

UL or lot No. G	Section 24	Township 18 S	Range 26 E	Lot Idn	Feet from the 2310	North/South line NORTH	Feet from the 2240	East/West line EAST	County EDDY
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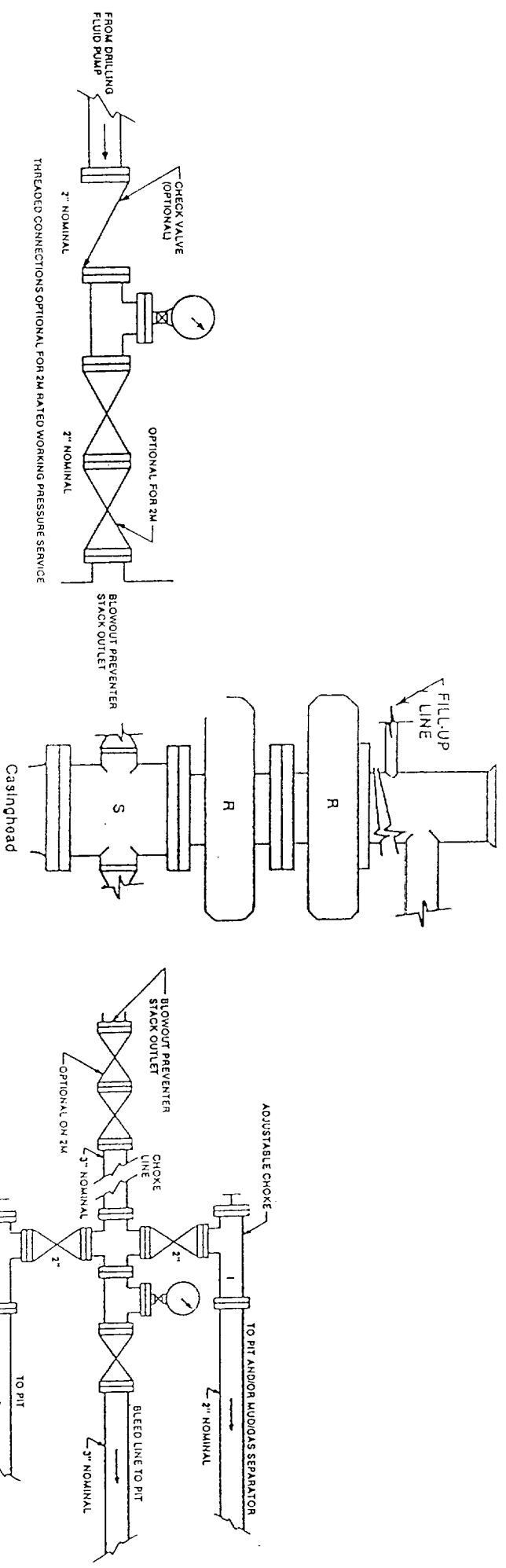
Bottom Hole Location If Different From Surface

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.			

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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  <i>Robin S. McCarley</i> Signature Robin S. McCarley Printed Name Technical Administrator Title 12/24/98 Date
	<b>SURVEYOR CERTIFICATION</b>  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.  DECEMBER 30, 1997 Date Surveyed Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> 12-31-97 97-11-2094 Certificate No. JOHN W. WEST 676 RONALD J. EIDSON 3239 GARY EIDSON 12641

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



**Typical Kill Line**

**BOP Stack**

**Choke Manifold**