

1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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. P.O. BOX 10340 MIDLAND, TEXAS 79702-7340		962	OGRID Number
Property Code 14912		API Number 30-025-35004	
Property Name LEARCY McBUFFINGTON		Well No. 13-Y	

Surface Location

UL or loc no.	Section	Township	Range	Loc 1/4	Feet from the	North/South line	Feet from the	East/West line	County
0	13	25S	37E		630'	SOUTH	2520'	EAST	LEA

Proposed Bottom Hole Location If Different From Surface

UL or loc no.	Section	Township	Range	Loc 1/4	Feet from the	North/South line	Feet from the	East/West line	County
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Proposed Pool 1
JUSTIS-MONTOYA (35150)

Proposed Pool 2

Work Type Code N	Well Type Code O	Cable/Rotary ROTARY	Lease Type Code P	Ground Level Elevation 3077'
Multiple NO	Proposed Depth 7500'	Formation MONTOYA	Contractor UNKNOWN	Spud Date WHEN APPROVED

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25"	20"	Conductor	40'	Redi-mix	SURFACE
17 1/2"	13 3/8"	48	500'	500 Sx.	SURFACE
11"	8 5/8"	32	3000'	1100 Sx.	SURFACE
7 7/8"	5 1/2"	17	7500'	1500 Sx.	SURFACE

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.

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17 1/2" hole to 500'. Run and set 500' of 13 3/8" H-40 48# ST&C casing. Cement with 500 Sx. of Class "C" cement + additives, circulate cement to surface.
3. Drill 11" hole to 3000'. Run and set 3000' of 8 5/8" 32# J-55 ST&C casing. Cement with 1100 Sx. of Class "C" cement + additives, circulate cement to surface.
4. Drill 7 7/8" hole to 7500'. Run and set 7500' of 5 1/2" 17# N-80 LT&C casing. Cement in 3 stages. DV tools set at 6500'± & 4500'±. Cement with 1500 Sx. of Class "H" premium and Class "C" cement, circulate cement to surface.

Valid for 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: <i>Joe T. Janica</i> Printed name: Joe T. Janica Title: Agent Date: 04/12/00		OIL CONSERVATION DIVISION APPROVED BY: <i>[Signature]</i> Title: Approval Date: APR 11 2000 Expiration Date: Conditions of Approval: Attached ☐	
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MP

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

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

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

1000 Rio Brazos Rd., Artec, NM 87410

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35004		Pool Code 35150	Pool Name JUSTIS-MONTOYA	
Property Code 14912	Property Name McBUFFINGTON			Well Number 13Y
OGRID No. 962	Operator Name ARCH PETROLEUM, INC.			Elevation 3077

Surface Location

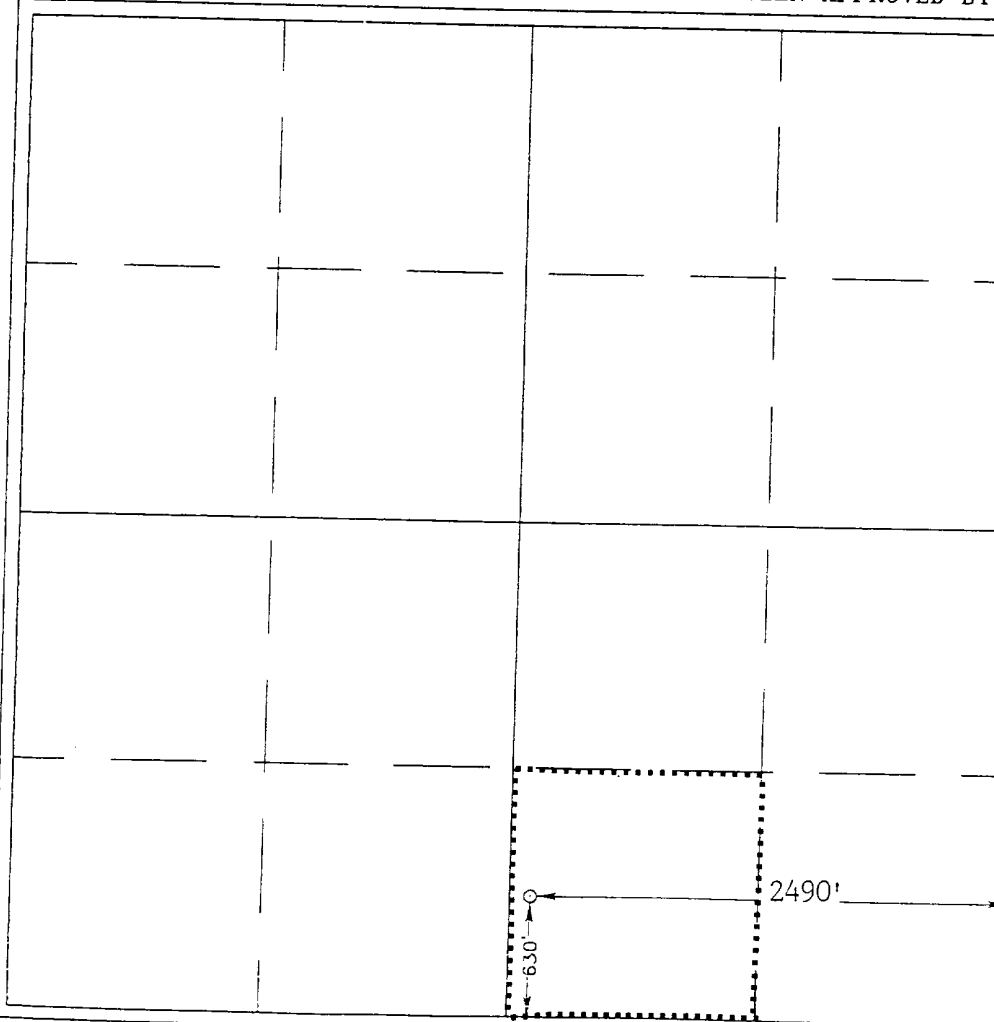
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	13	25 S	37 E		630	SOUTH	2490	EAST	LEA

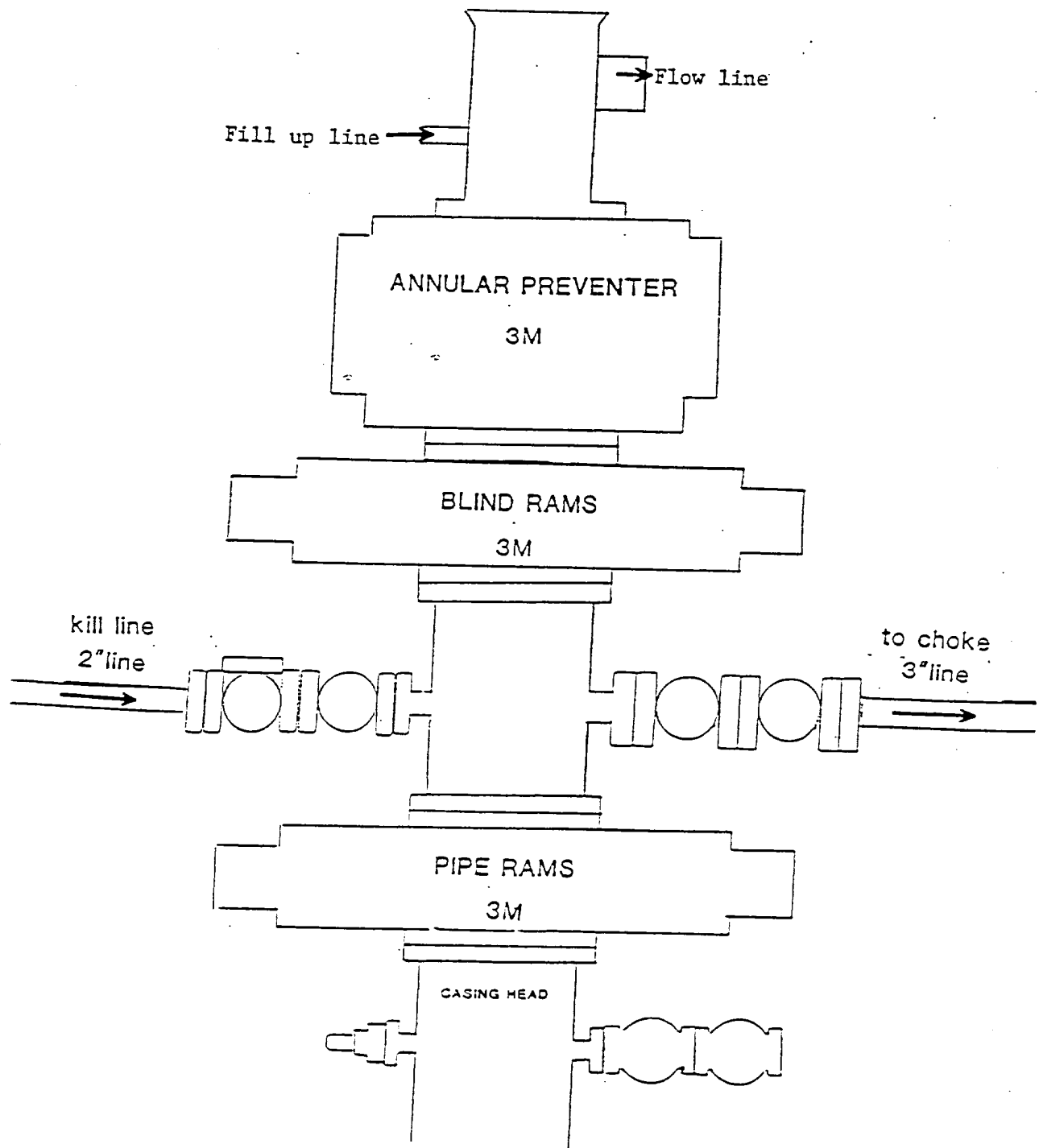
Bottom Hole Location If Different From Surface

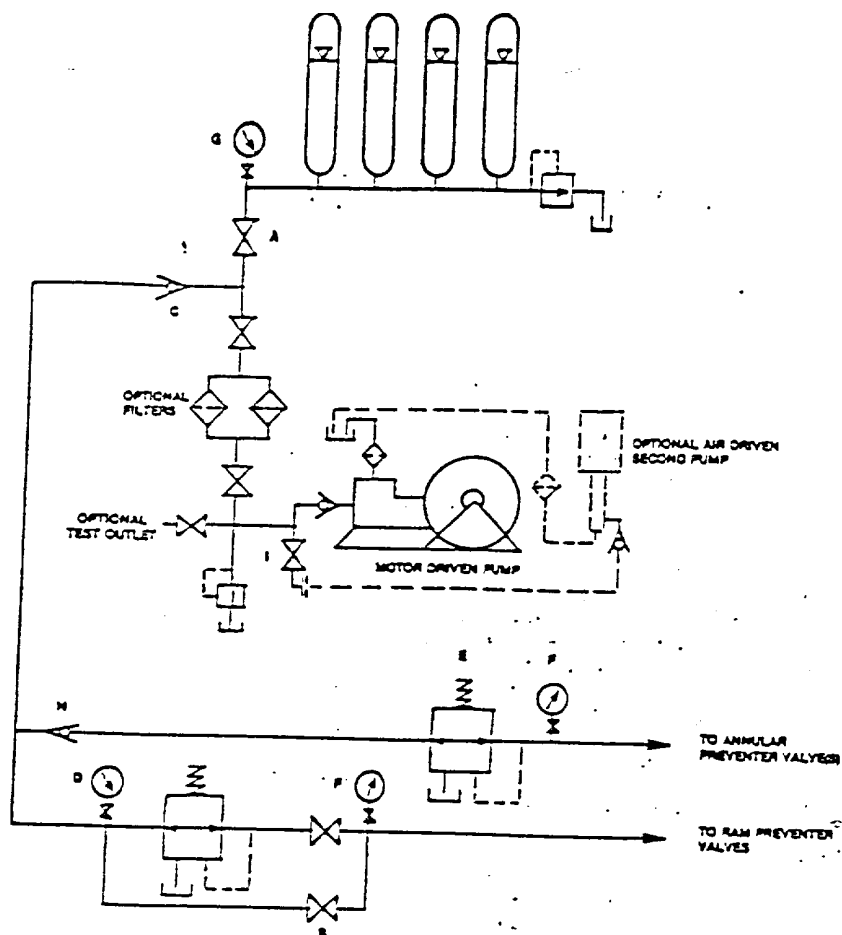
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS

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

		OPERATOR CERTIFICATION	
		I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <u>Joe T Janica</u> Signature <u>Joe T. Janica</u> Printed Name <u>Agent</u> Title <u>04/12/00</u> Date	
		SURVEYOR CERTIFICATION	
		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. <u>3/11/2000</u> Date Surveyed <u>DC</u> Signature & Seal of Professional Surveyor <u>Ronald J. Eidson 4/11/00</u> Signature Certificate No. <u>RONALD J. EIDSON 3239</u> <u>GARY EIDSON 12841</u> <u>MACON McDONALD 12185</u>	





HAND ADJUSTABLE CHOKE

POGO PRODUCING CO
3M CHOKE MANIFOLD

