

District I

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 ResourcesOil 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 962
Property Code 14912		API Number 30-025-34966
Property Name LEARCY McBUFFINGTON -		Well No. 13

7 Surface Location

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
0	13	25S	37E		630'	SOUTH	2530'	EAST	LEA

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County

JUSTIS-MONTOYA	Proposed Pool 1 (35150)	Proposed Pool 2
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Work Type Code N	Well Type Code O	Casing/Rotary ROTARY	Lease Type Code P	Ground Level Elevation 3073'
Multiple NO	Proposed Depth 7500'	Formation MONTOYA	Contractor UNKNOWN	Spud Date WHEN APPROVED

21 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
17½"	13 3/8"	48	500'	500 Sx.	Surface
11"	8 5/8"	32	3000'	1100 Sx.	Surface
7 7/8"	5½"	17	7500'	1500 Sx.	surface

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.

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17½" 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.
4. Drill 7 7/8" hole to 7500'. Run and set 7500' of 5½" 17# N-80 LT&C casing. Cement in two stages (DV tools at 6500' & 4500') with 1500 Sx. of Class "H" cement + additives, circulate cement.

Approval
Signature: _____
Date: _____

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Joe T. Janica</i>		Approved by: _____ ORIGINAL SIGNATURE OF CHRIS WILLIAMS DISTRICT I SUPERVISOR	
Printed name: Joe T. Janica		Title: _____	
Title: Agent		Approval Date: 03/03/00	
Date: 03/03/00		Expiration Date: _____	
Phone: 505-391-8503		Conditions of Approval: _____	

505

v1
up

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, 1984
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0710

DISTRICT III
1000 Rio Brazos Rd., Artesia, 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 30-025-34 966	Pool Code 35150	Pool Name JUSTIS -MONTROYA
Property Code 14912	Property Name McBUFFINGTON	Well Number 13
OGRID No. 962	Operator Name ARCH PETROLEUM, INC.	Elevation 3077

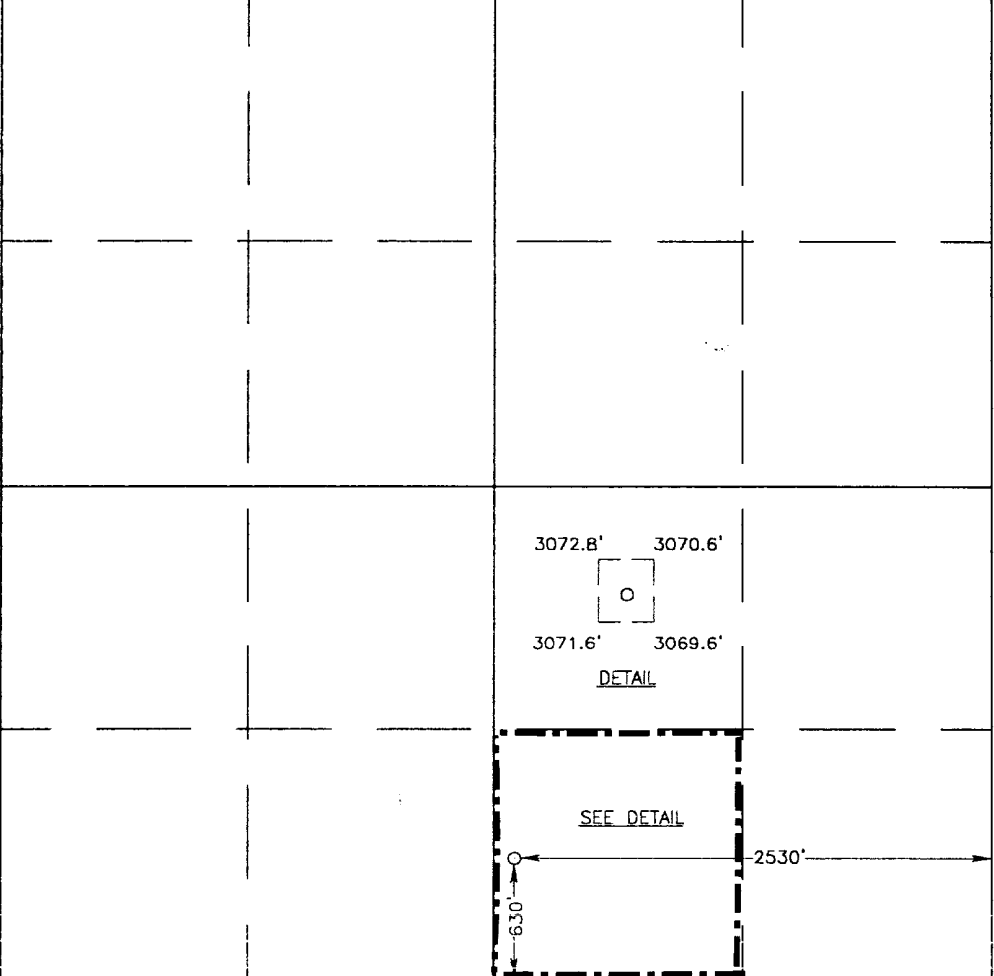
Surface Location

UL or lot No. 0	Section 13	Township 25 S	Range 37 E	Lot Idn	Feet from the 630	North/South line SOUTH	Feet from the 2530	East/West line EAST	County LEA
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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 40									

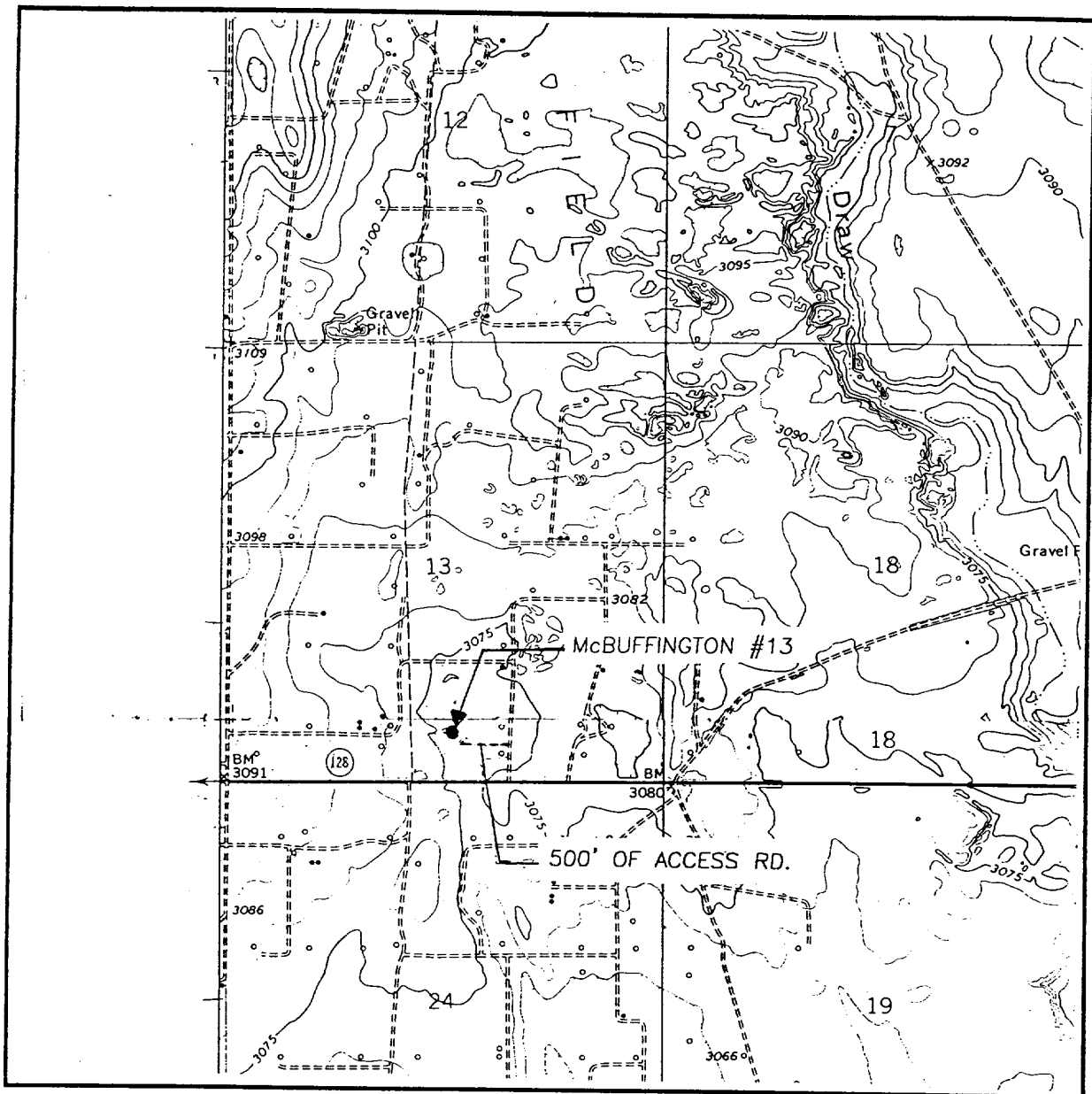
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Joe T. Janica</i> Signature Joe T. Janica Printed Name Agent Title 03/03/00 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. FEBRUARY 28, 2000 Date Surveyed Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> 60-11-0289 Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12841 MACON McDONALD 12185

[illegible]

**JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505 393-3117**

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:

JAL NE - 5'
JAL SE - 5'

SEC. 13 TWP. 25-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 630' FSL & 2530' FEL

ELEVATION 3077

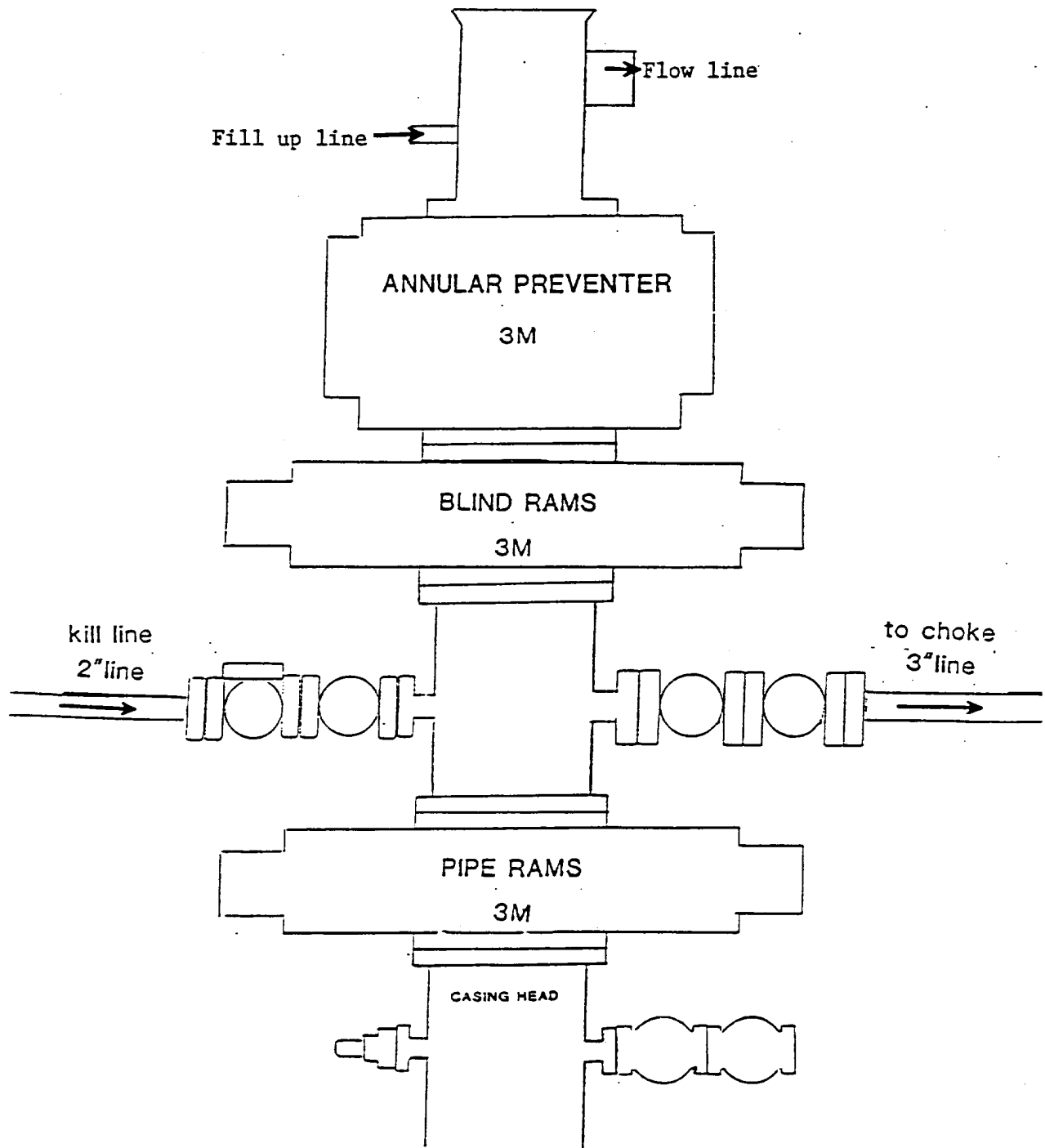
OPERATOR ARCH PETROLEUM, INC.

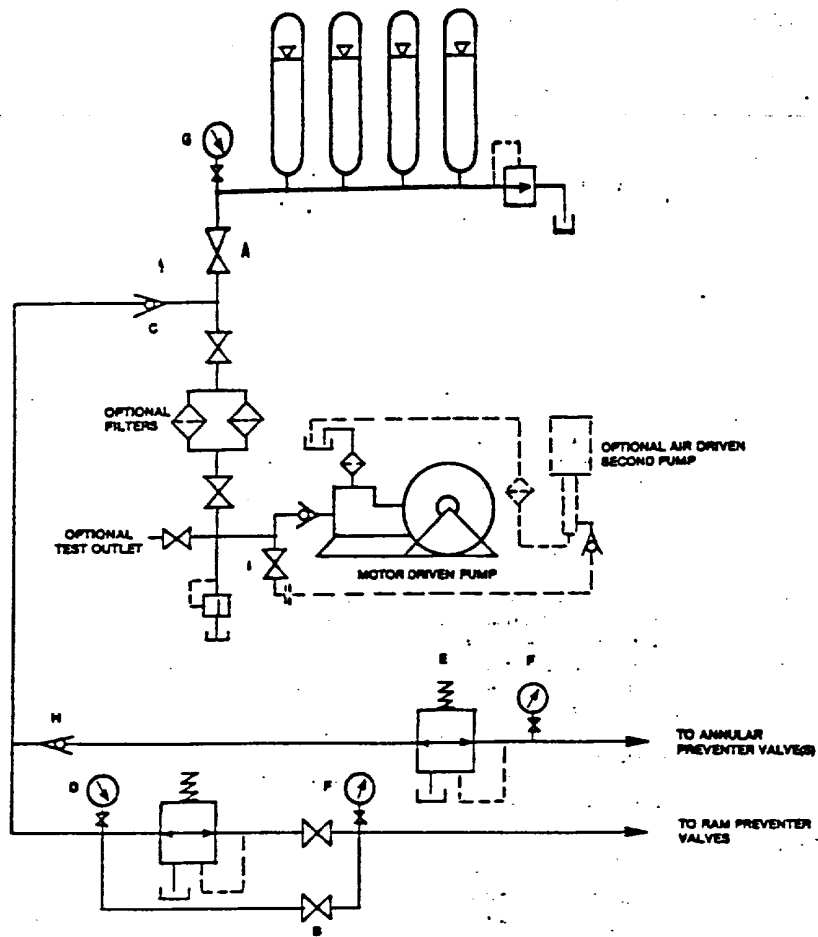
LEASE McBUFFINGTON

U.S.G.S. TOPOGRAPHIC MAP

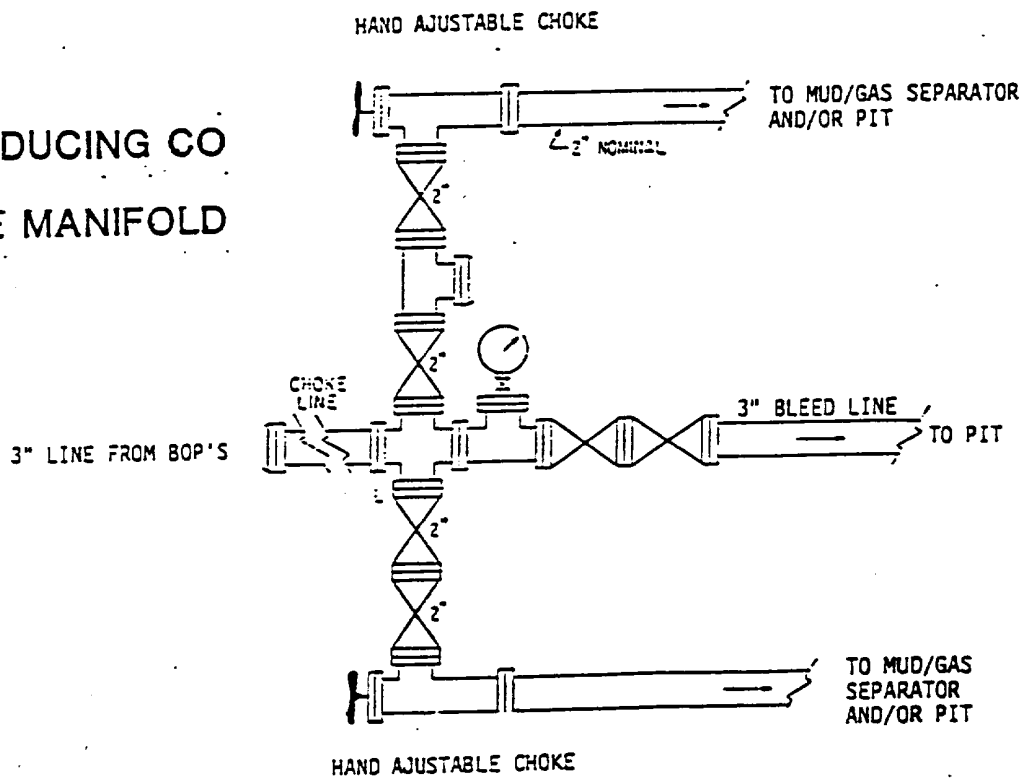
JAL NE, JAL SE, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505 393-3117)





POGO PRODUCING CO 3M CHOKE MANIFOLD



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