

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

Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

Revised February 10, 1994
Instructions on back
Form C-101

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address. MURCHISON OIL & GAS, INC. 1100 MIRA VISTA BLVD. PLANO, TX. 75093-4698		OGRID Number 015363
Property Code 27983		API Number 30-015-3172
Property Name HIGH MESA ST.COM		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
P	2	17S	28E		1320	SOUTH	1000	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
Proposed Pool 1 WILDCAT MORROW					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3580
Multiple N	Proposed Depth 10400	Formation MORROW	Contractor PATTERSON	Spud Date 5/1/01

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	54.5 #/FT	350- 400	420 SXS	SURFACE
12-1/4"	9-5/8"	36 #/FT	1800	515 SXS	SURFACE
7-7/8"	5-1/2"	17 #/FT	10400	640 SXS	EST TOP 6500
Cement to cover all oil, gas & water bearing zones					

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.

DRILL, CASE & COMPLETE WELL IN MORROW FORMATION

- BOP'S INCLUDE
- 1) HYDRILL DOUBLE RAM 11" X 3000 PSI
 - 2) CHOKE MANIFOLD 4" X 5000 PSI FLANGED CONNECTIONS
 - 3) SIX STATION ACCUMULATOR CLOSING UNIT W/ REMOTE CONTROL

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

Signature:

Printed name:

MICHAEL S. DAUCHERTY

Title:

VICE PRESIDENT OPERATIONS

Date:

4/16/01

Phone:

(972) 931-0700

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM

Title:

DISTRICT IV SUPERVISOR

Approval Date:

APR 23 2001

Expiration Date:

APR 23 2002

Conditions of Approval:

Attached ☐

State of New Mexico

Energy, Minerals and Natural Resources Department

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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

Form C-102

Revised February 10, 1994

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Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number		Pool Code	Pool Name
Property Code	Property Name HIGH MESA STATE COM.		Well Number 1
OGRID No. 015363	Operator Name MURCHISON OIL & GAS, INC.		Elevation 3580'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	2	17-S	28-E		1320	SOUTH	1000	EAST	EDDY

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 318.71		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

LOT 4 41.40 AC	LOT 3 40.62 AC	LOT 2 39.78 AC	LOT 1 38.93 AC
SPACING UNIT			

OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Michael S. Daugherty
Signature

MICHAEL S. DAUGHERTY
Printed Name

VICE PRESIDENT OPERATIONS
Title

4/16/01
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.

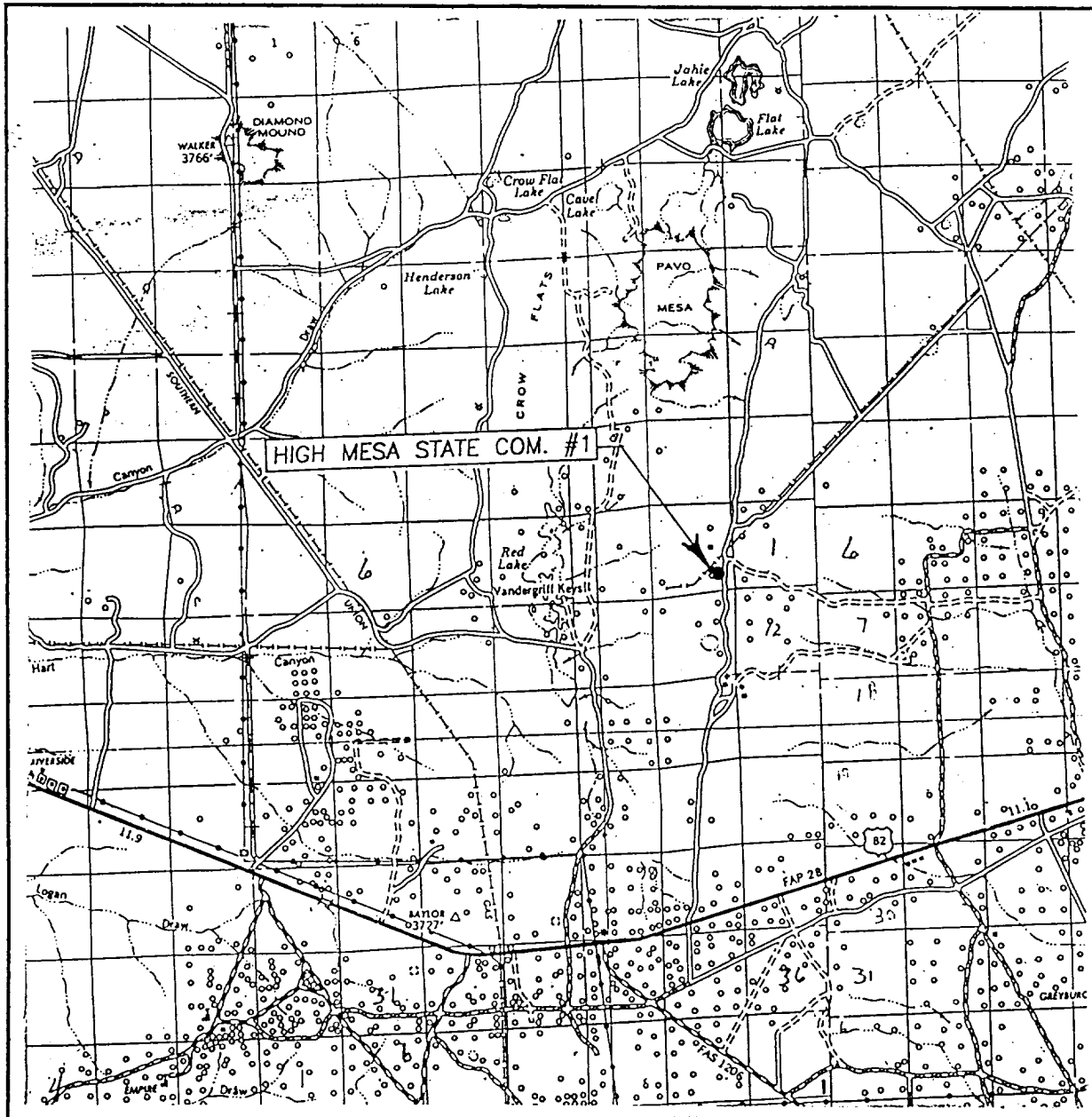
APRIL 10, 2001

Date Surveyed: _____ AWB

Signature & Seal of Professional Surveyor
Ronald J. Edson
RONALD J. EDSON 04/12/01
01-11-0415

Certificate No. RONALD J. EDSON 3239
GARY EDSON 12641

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 2 TWP. 17-S RGE. 28-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1320' FSL & 1000' FEL

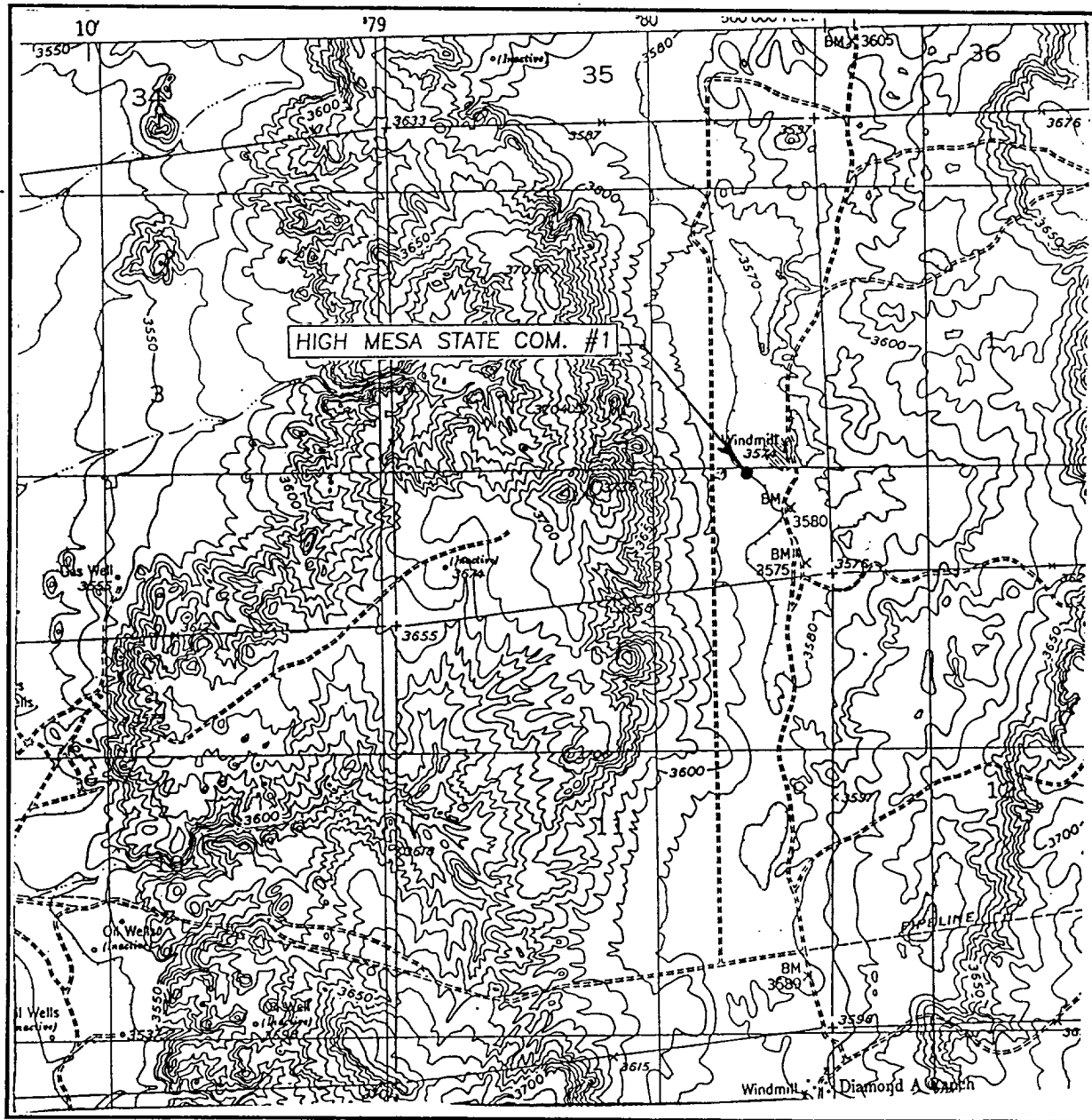
ELEVATION 3580'

OPERATOR MURCHISON OIL & GAS INC.

LEASE HIGH MESA STATE COM.

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'
RED LAKE, N.M.

SEC. 2 TWP. 17-S RGE. 28-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1320' FSL & 1000' FEL

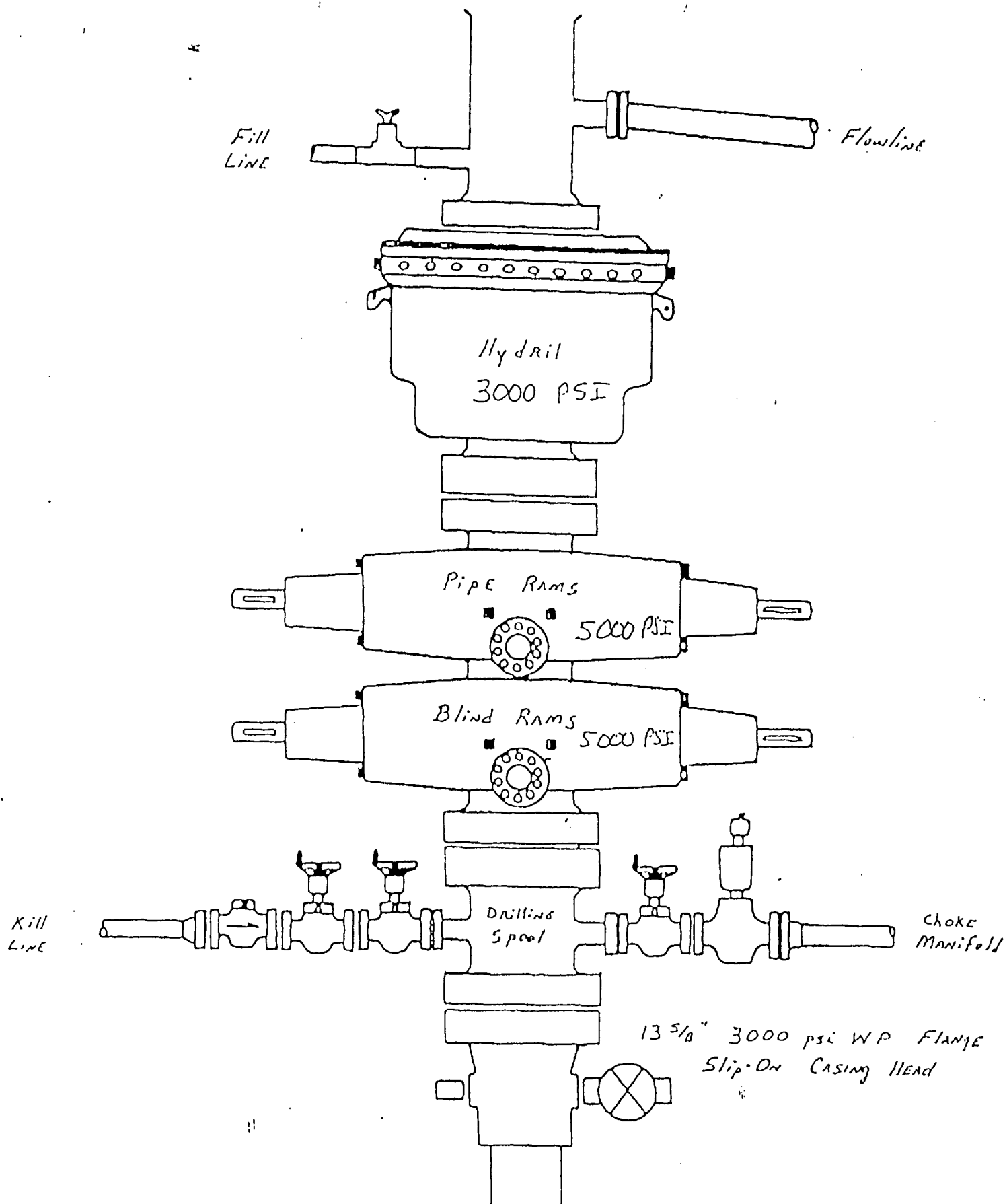
ELEVATION 3580'

OPERATOR MURCHISON OIL & GAS INC.

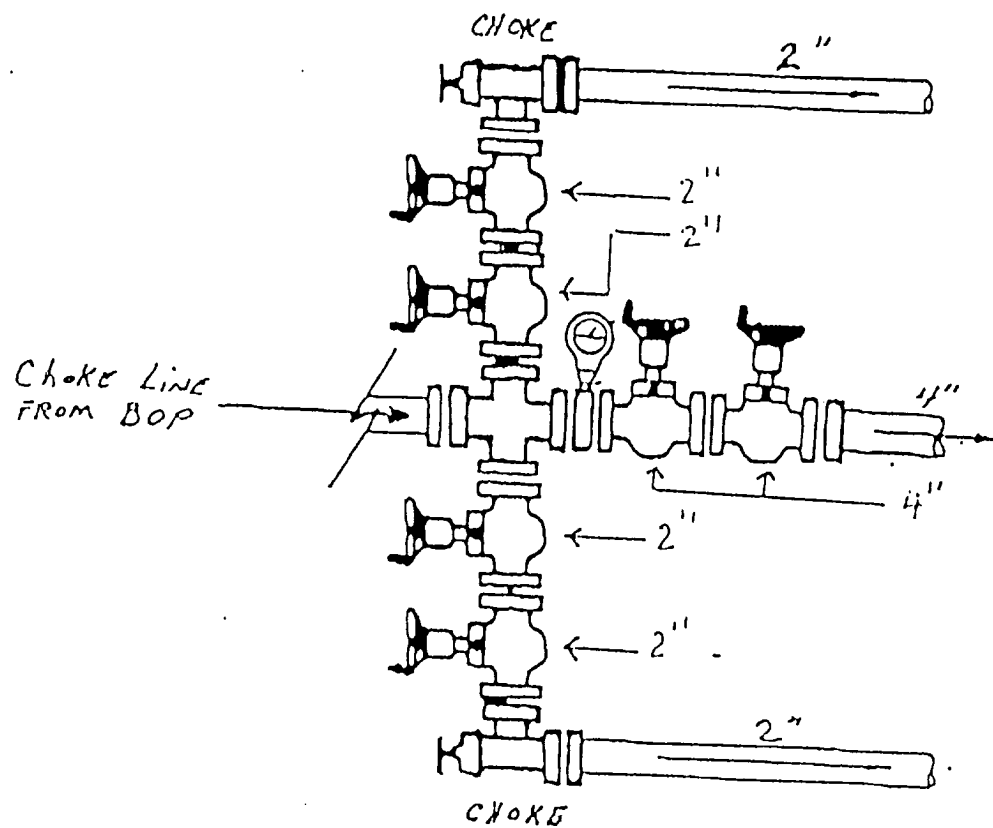
LEASE HIGH MESA STATE COM.

U.S.G.S. TOPOGRAPHIC MAP
RED LAKE, N.M.

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



MURCHISON OIL & GAS, INC.
 HIGH MESA ST. COM. #1
 1320' FSL & 1000' FEL
 SEC. 2, T17S, R28E
 EDDY CO., NM.



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