

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

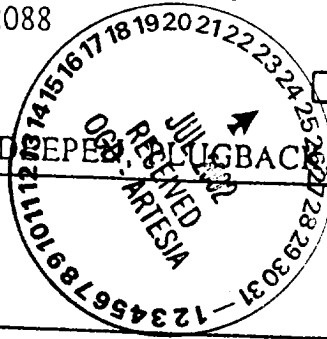
CISF
Bum
SKD
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

Form C-101

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, 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 30287	Property Name GRIZZLY BEAR ST. COM.	API Number 30-015-32387
		Well No. 1



Surface Location									
UL or lot no. 01	Section 1	Township 17S	Range 28E	Lot Idn	Feet from the 810	North/South Line SOUTH	Feet from the 1800	East/West Line EAST	County EDDY

Proposed Bottom Hole Location If						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/
Proposed Pool 1 EMPIRE MORROW SOUTH						Cement to cover all oil, gas and water bearing zones.

Work Type Code N	Well Type Code G	Cable/Rotary ROTARY	Lease Type Code S	Ground Level Elevation 3695'
Multiple N	Proposed Depth 10700	Formation MORROW	Contractor	Spud Date 8/1/02

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"	61 #/FT	@ 200' 250	355	SURFACE
12-1/4"	9-5/8"	47 #/FT	2450	900	SURFACE
8-3/4"	5-1/2"	17 #/FT	10700	1510	5600

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 AND COMPLETE WELL IN MORROW FORMATION

- BOP's INCLUDE:
- 1) HYDRILL DOUBLE RAM 11" x 3000 PSI
 - 2) CHOKE MANIFOLD 4" x 5000 PSI FLANGED CONNECTION
 - 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: *Michael S. Daugherty*
Printed name: MICHAEL S. DAUGHERTY
Title: VICE PRESIDENT OPERATIONS
Date: 7/23/02
Phone: (972) 931-0700

OIL CONSERVATION DIVISION	
Approved by:	ORIGINAL SIGNED BY TIM W. GUM
Title:	DISTRICT II SUPERVISOR
Approval Date:	JUL 24 2002
Expiration Date:	JUL 24 2003
Conditions of Approval:	Attached ☐

DISTRICT I

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Free Leave - 3 Copies

DISTRICT II

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number		Pool Code	Pool Name
		76400	SOUTH EMPIRE MORROW
Property Code	Property Name		Well Number
	GRIZZLY BEAR STATE COM		1
OGRID No.	Operator Name		Elevation
015363	MURCHISON OIL & GAS, INC.		3695'

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	1	17-S	28-E		810	SOUTH	1800	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	Joint or Infill	Consolidation Code	Order No.						
320									

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	LOT 3	LOT 2	LOT 1
SPACING UNIT 1800' 810'			

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

7/23/02

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.

JULY 18, 2002

Date Surveyed

AWB

Signature & Seal of Professional Surveyor

RONALD S. EIDSON

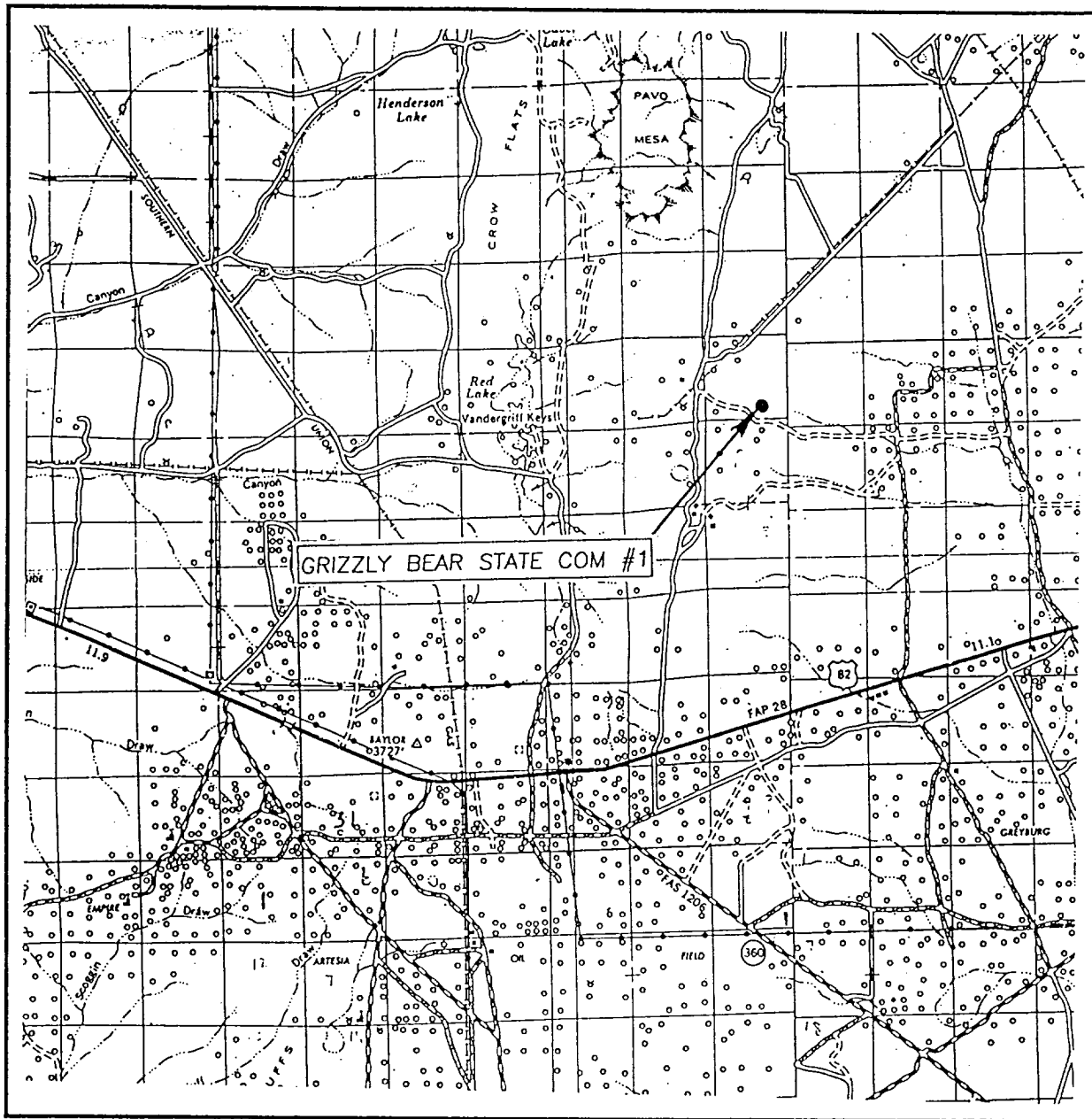
7/19/02

02.17.0532

Certificate No. RONALD S. EIDSON 3239

GARY EIDSON 12641

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 1 TWP. 17-S RGE. 28-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 810' FSL & 1800' FEL

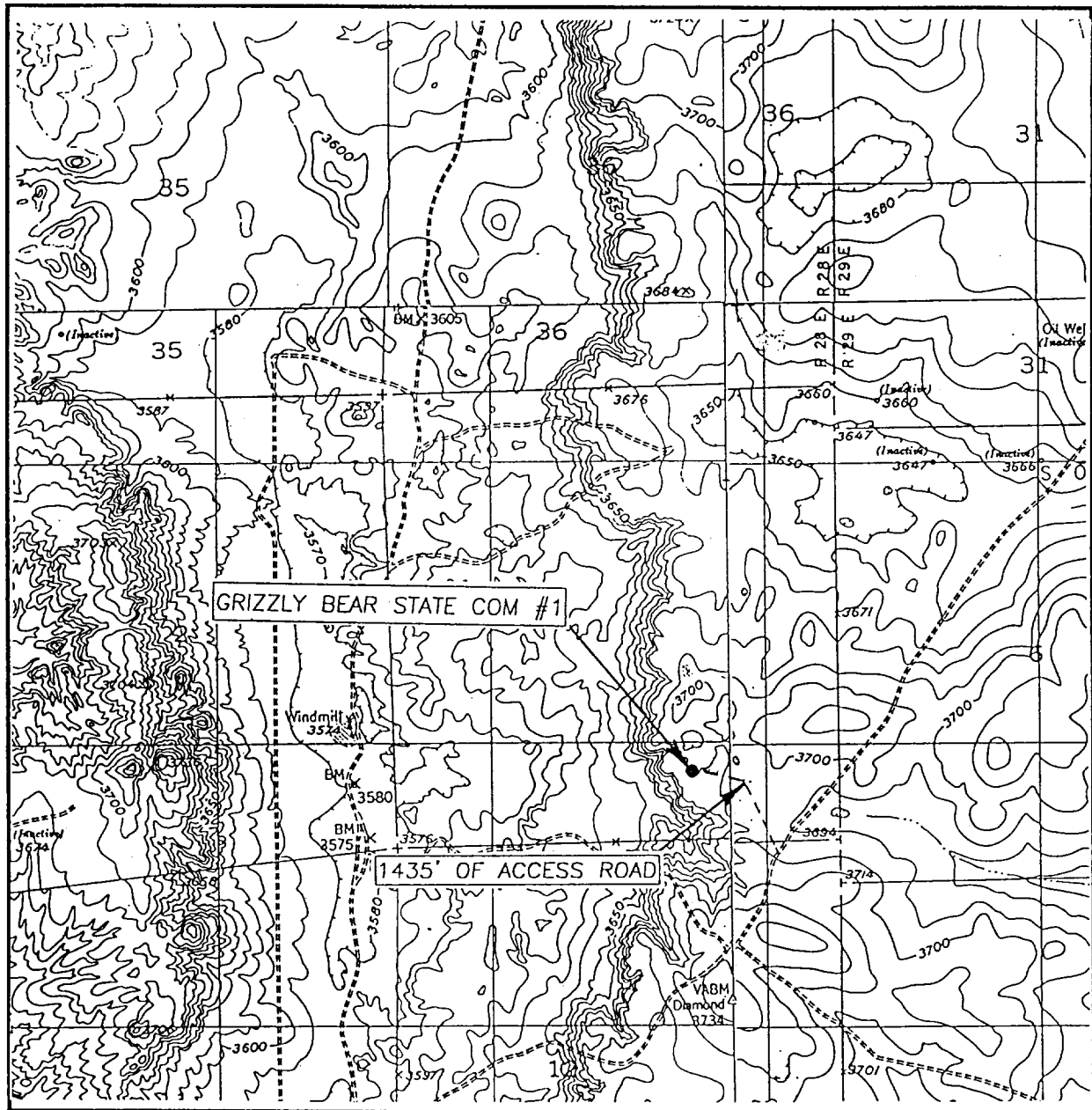
ELEVATION 3695'

OPERATOR MURCHISON OIL & GAS INC.

LEASE GRIZZLY BEAR STATE COM

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

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

SEC. 1 TWP. 17-S RGE. 28-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 810' FSL & 1800' FEL

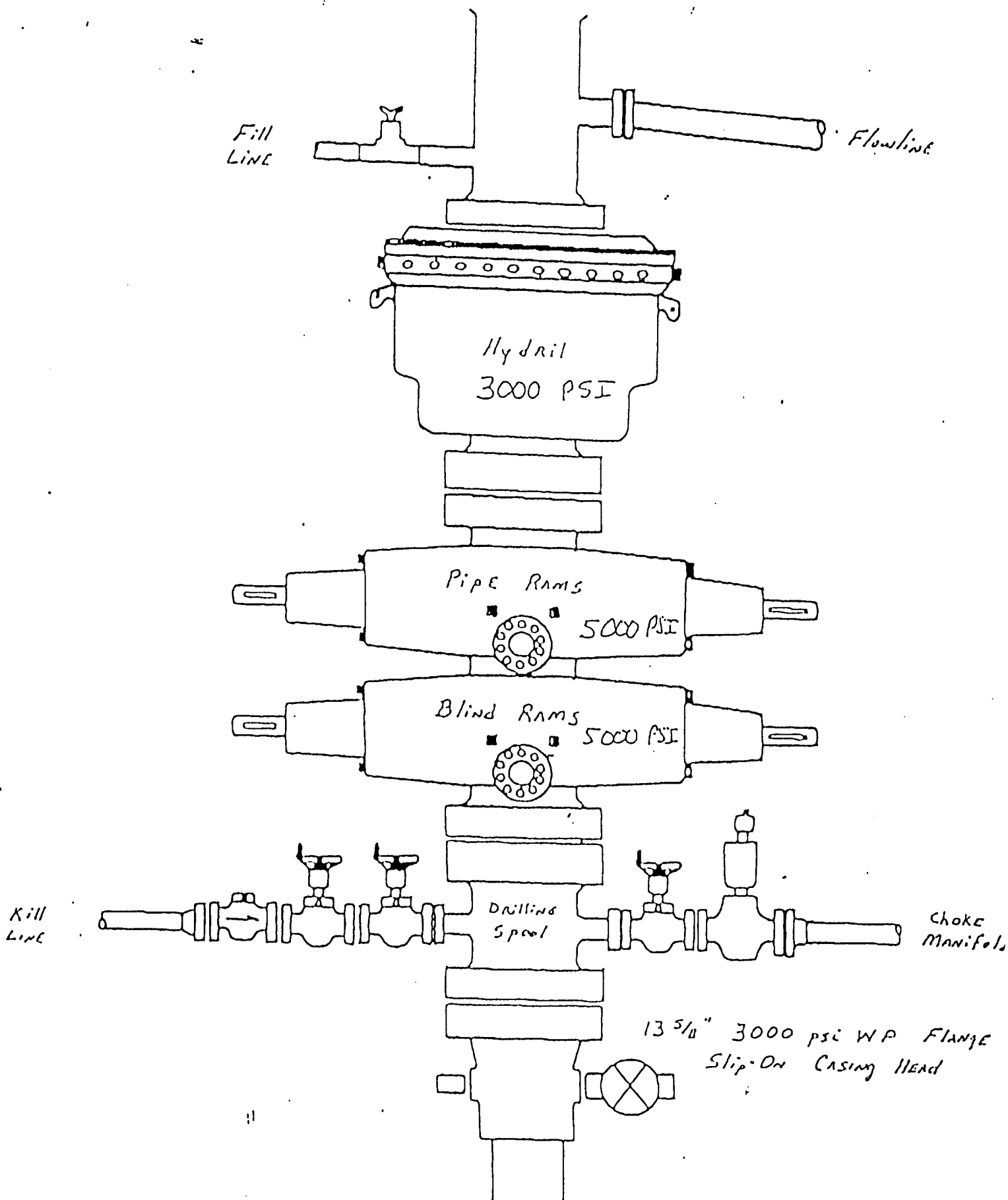
ELEVATION 3695'

OPERATOR MURCHISON OIL & GAS INC.

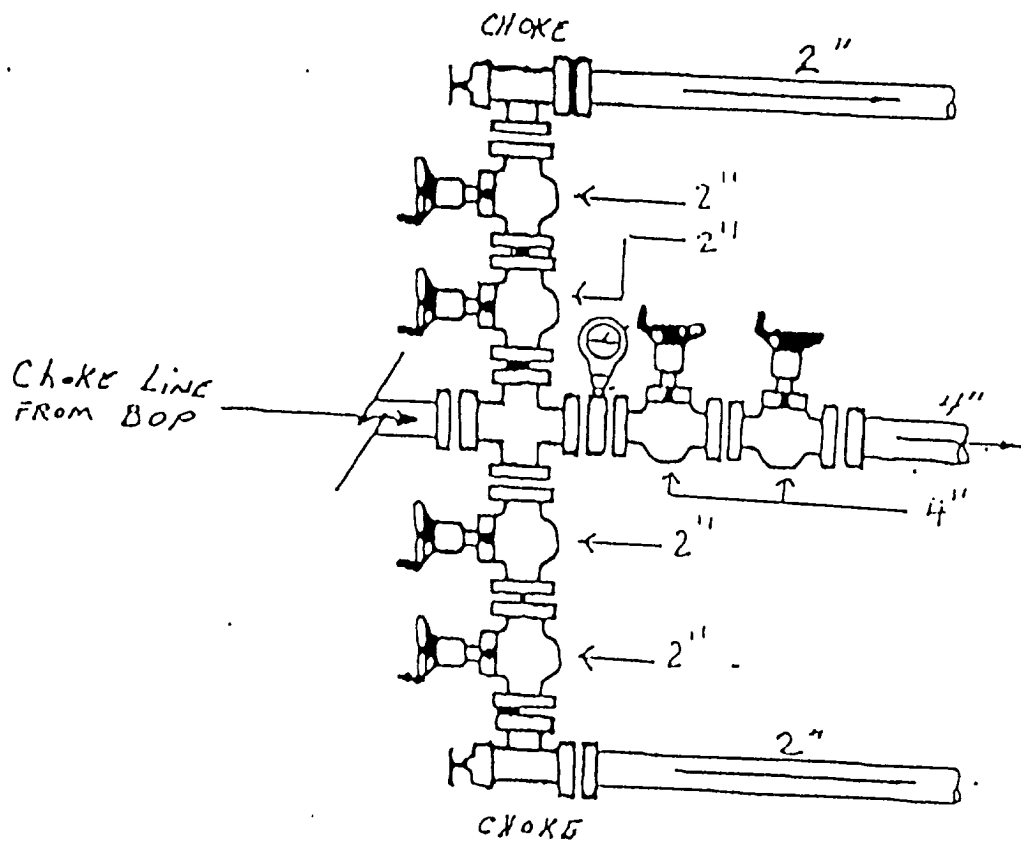
LEASE GRIZZLY BEAR STATE COM

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

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



GRIZZLY BEAR STATE COM #1
810' FSL & 1800' FEL
SEC. 1, T17S, R28E
EDDY CO., NM.



GRIZZLY BEAR STATE COM #1
 810' FSL & 1800' FEL
 SEC. 1, T17S, R28E
 EDDY CO., NM.