

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

Form C-101
Revised February 10, 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: MURCHISON OIL & GAS, INC. 1100 MIRA VISTA BLVD. PLANO, TX. 75093-4698		GRID Number 015363
Property Code 8127	Property Name JACKSON UNIT	API Number 30-025-35328
		Well No. 8

Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
F	22	24S	33E		1980	NORTH	1980	SOUTHWEST	EDDY LEA

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 Johnson Ranch; Wolfcamp					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3591'
Multiple N	Proposed Depth 13700	Formation WOLFCAMP	Contractor	Spud Date JANUARY 1, 2001

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	68	800	800	SURFACE
12-1/4	9-5/8	47	5260	1780	SURFACE
8-1/2	7	29	12600	1375	4750
6-1/8	3-1/2 or 4-1/2	12.95 or 15.1	13700 - 12300	220	12300

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 WOLFCAMP FORMATION

BOP's INCLUDE 1) HYDRILL DOUBLE RAM 11" x 5000 PSI

2) CHOKE MANIFOLD 4" x 5000 PSI FLANGED CONNECTION

3) SIX STATION ACCUMULATOR CLOSING UNIT W/ REMOTE CONTROL

Permit Expires 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:

Printed name:

MICHAEL S. DAUGHERTY

Title:

VICE PRESIDENT OPERATIONS

Date:

12/19/00

Phone:

(972) 931-0700

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

Title:

Approval Date:

JAN 03 2001

Expiration Date:

Conditions of Approval:

Attached ☐

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
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Fee Lease - 3 Copies

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35328	Pool Code 79335	Pool Name JOHNSON RANCH WOLFCAMP (GAS)
Property Code 008127	Property Name JACKSON UNIT	Well Number 8
OGRID No. 015363	Operator Name MURCHISON OIL & GAS, INC.	Elevation 3591

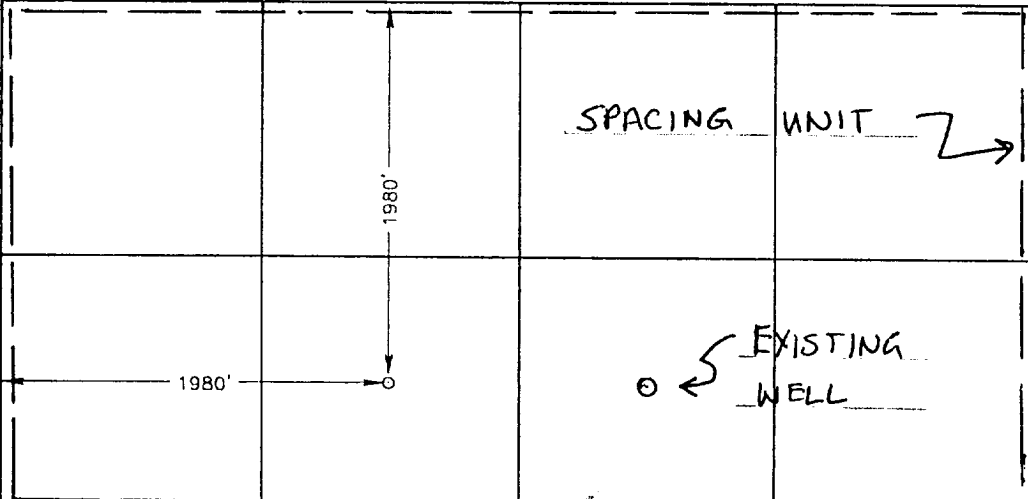
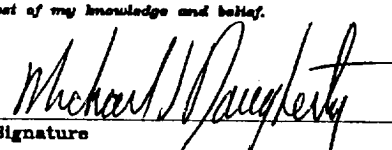
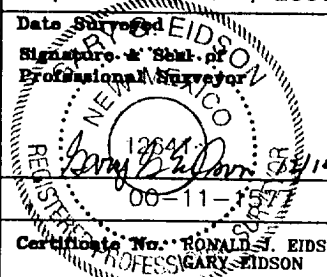
Surface Location

UL or lot No. F	Section 22	Township 24S	Range 33E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 1980	East/West line WEST	County LEA
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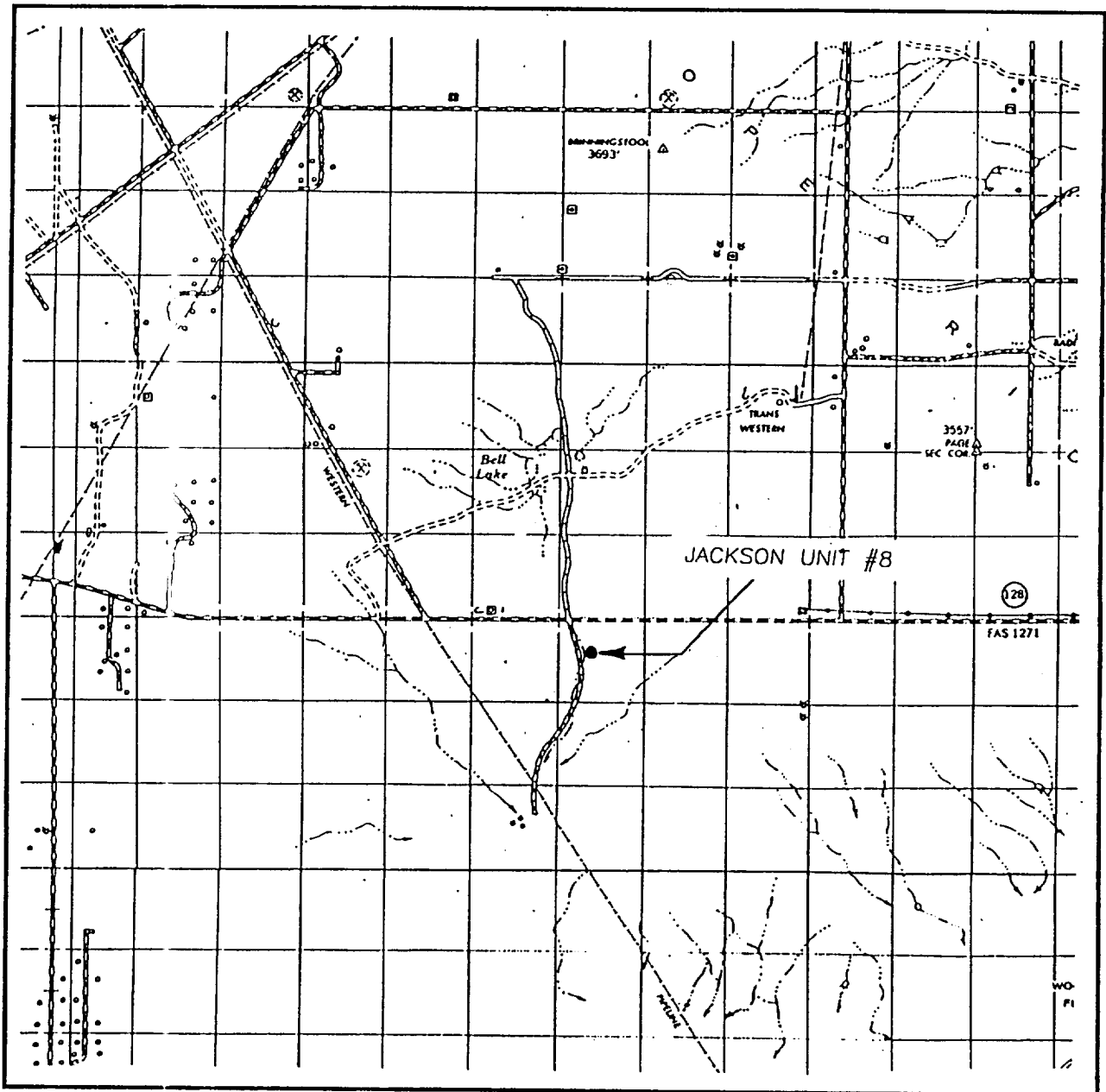
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	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

				OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature MICHAEL S. DAUGHERTY Printed Name V P OPERATIONS Title 12/19/00 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. 12 DECEMBER 7, 2000 Date Surveyed  Signature & Seal of Professional Surveyor RONALD S. EIDSON Certificate No. 12641 12/14/00 Date 3239 Professional Surveyor				AWB	

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 22 TWP. 24-S RGE. 33E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980'FNL & 1980'FWL

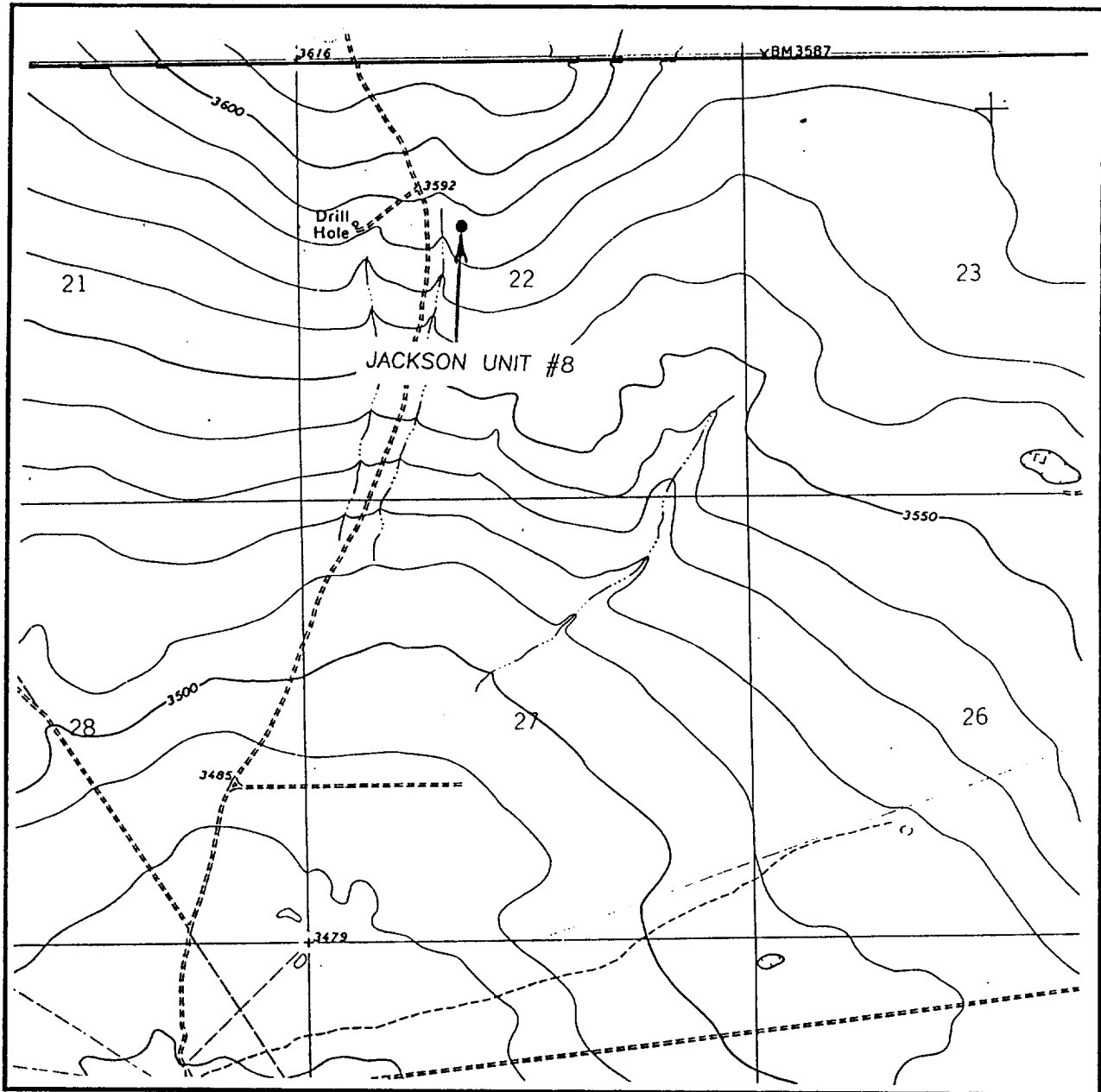
ELEVATION 3591

OPERATOR MURCHISON OIL & GAS INC.

LEASE JACKSON UNIT

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

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

SEC. 22 TWP. 24-S RGE. 33E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980'FNL & 1980'FWL

ELEVATION 3591

OPERATOR MURCHISON OIL & GAS INC.

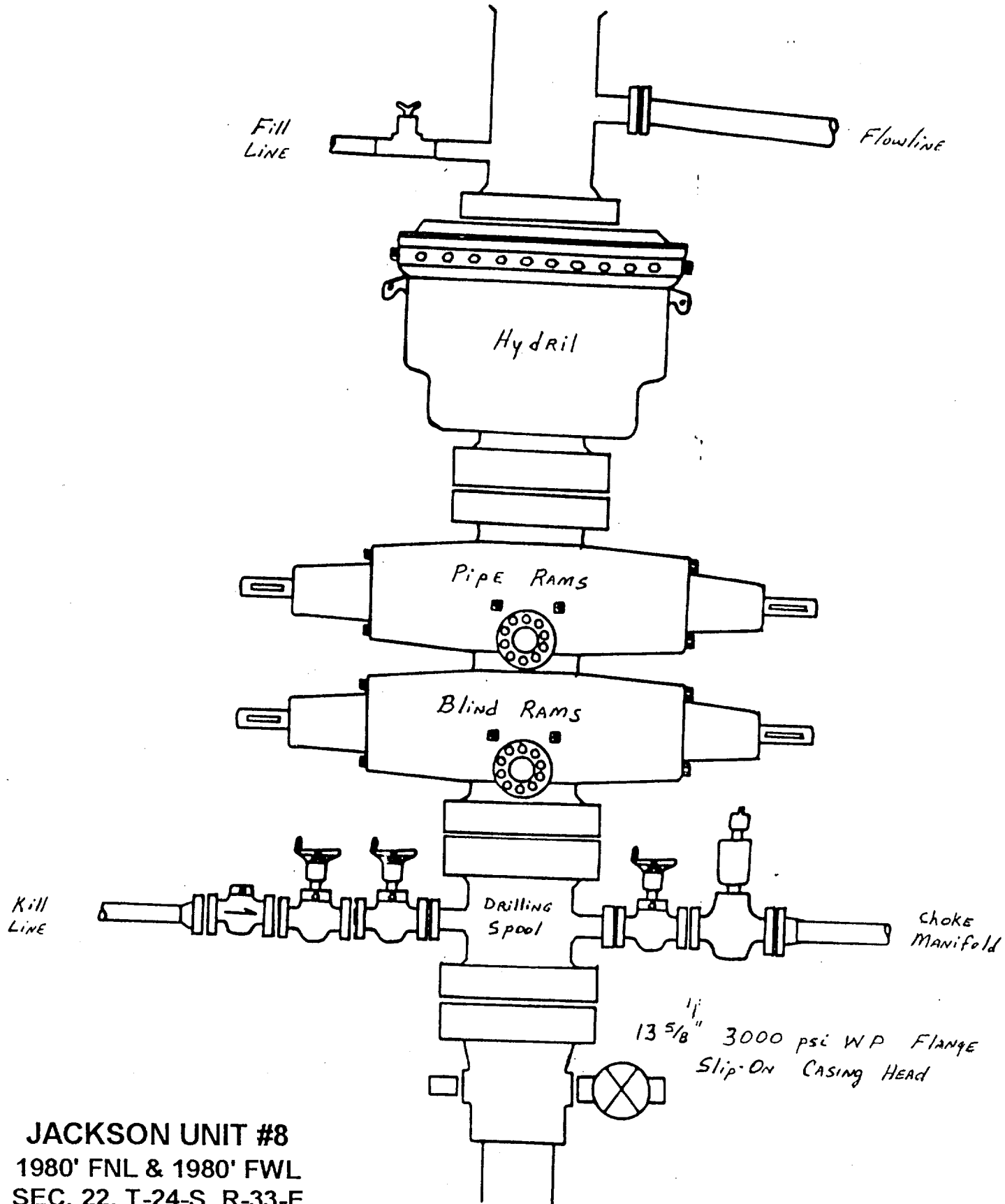
LEASE JACKSON UNIT

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

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

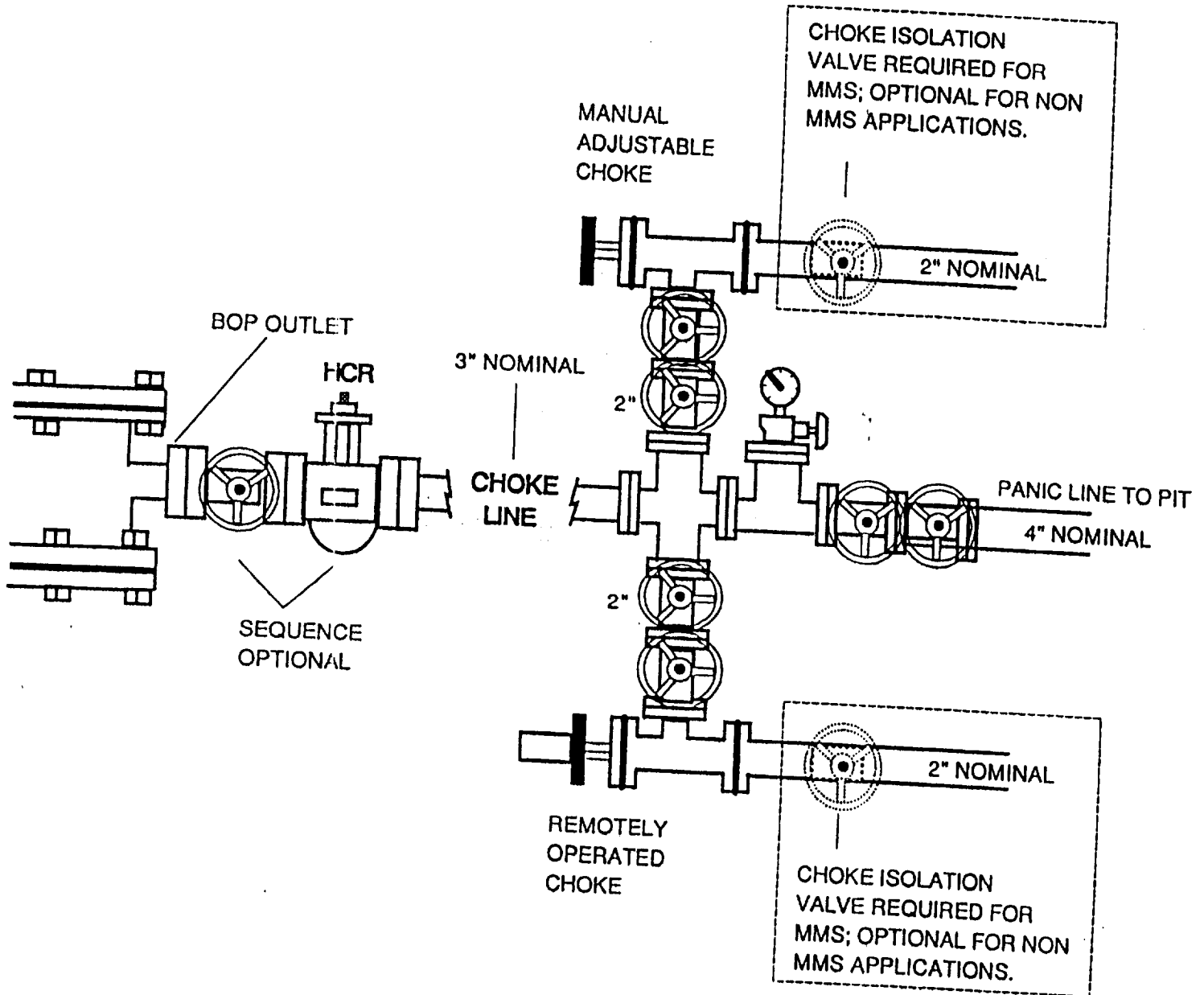
JACKSON UNIT #

5000 PSI SERVICE
BOP STACK



JACKSON UNIT #8
1980' FNL & 1980' FWL
SEC. 22, T-24-S, R-33-E
EDDY CO., NM.

DRILLING OPERATION
CHOKE MANIFOLD
5M SERVICE



JACKSON UNIT #8
1980' FNL & 1980' FWL
SEC. 22, T-24-S, R-33-E
EDDY CO., NM.

ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

ELF

5/25/01