

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: MARALO, INC. P. O. BOX 832 MIDLAND, TX 79702		OGRID Number 014007
		API Number 30 - 0 25-32703
Property Code 15838	Property Name NOVEMBER 16	Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
J	16	13S	38E		2240	SOUTH	2310	EAST	LEA

⁸ 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
⁹ Proposed Pool 1 Wildcat Devonian					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3820'
¹⁶ Multiple NO	¹⁷ Proposed Depth 12,600'	¹⁸ Formation DEVONIAN	¹⁹ Contractor UNK	²⁰ Spud Date 10-31-94

²¹ 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#	450'	450 SXS	SURF
12-1/4"	8-5/8"	32#	4600'	980 SXS (1ST STAGE)	SURF
				1475 SXS (2ND STAGE)	
7-7/8"	5-1/2"	17#	12700'	275 SXS	

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 17-1/2" HOLE TO 450'. RUN 450' 13-3/8" 54.50# SURFACE CSG. CEMENT W/450 SXS CL. "C" CENT W/2% CACL. CIRCULATE CEMENT TO SURFACE. WOC 4 HRS. BEFORE CUTTING OFF 13-3/8" CSG & WOC 12 HRS. TEST 13-3/8" CSG & WELLHEAD TO 500# BEFORE DRILLING OUT BOTTOM OF 13-3/8" CSG.
2. DRILL 12-1/4" HOLE TO 4600'. RUN & SET 4600' 8-5/8" 32# CSG. CEMENT 1ST STAGE W/730 SXS 50/50 POZ +250 SXS CL H. CEMENT 2ND STAGE W/1475 SXS 35/65 POZ MIX. CEMENT TO CIRC TO SURF. SET 8-5/8" CSG SLIPS. CUT OFF 8-5/8" CSG. NU BOP. TEST BOP TO 1500#. WOC 12 HRS. BEFORE DRILLING OUT CMT.
3. DRILL 7-7/8" HOLE TO 12,700'. POSSIBLE 3 DST. CIRC HOLE CLEAN & LOG & EVALUATE. RUN 5-1/2" CSG. CEMENT W/275 SXS CL. H TO COVER ALL POSSIBLE PAY ZONES. CLEAN PITS, RELEASE DRLG. RIG. CLEAN LOCATION.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Dorothea Logan*
Printed name: **DOROTHEA LOGAN**
Title: **REGULATORY ANALYST**
Date: **10-17-94** Phone: **(915) 684-7441**

OIL CONSERVATION DIVISION	
Approved by: <i>[Signature]</i>	
Title: REGULATORY ANALYST	
Approval Date: OCT 19 1994	Expiration Date:
Conditions of Approval: Attached ☐	

C-101 Instructions

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

1 Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.

2 Operator's name and address

3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.

4 Property code. If this is a new property the OCD will assign the number and fill it in.

5 Property name that used to be called 'well name'

6 The number of this well on the property.

7 The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit letter.

8 The proposed bottom hole location of this well at TD

9 and 10 The proposed pool(s) to which this well is being drilled.

11 Work type code from the following table:

N New well
E Re-entry
D Drill deeper
P Plugback
A Add a zone

12 Well type code from the following table:

O Single oil completion
G Single gas completion
M Multiple completion
I Injection well
S SWD well
W Water supply well
C Carbon dioxide well

13 Cable or rotary drilling code

C Propose to cable tool drill
R Propose to rotary drill

14 Lease type code from the following table:

F Federal
S State
P Private
N Navajo
J Jicarilla
U Ute
I Other Indian tribe

15 Ground level elevation above sea level

16 Intend to mutiple complete? Yes or No

17 Proposed total depth of this well

18 Geologic formation at TD

19 Name of the intended drilling company if known.

20 Anticipated spud date.

21 Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement

22 Brief description of the proposed drilling program and SOP program. Attach additional sheets if necessary.

23 The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.

RECEIVED
OCT 13 1984
NEW MEXICO
DEPARTMENT OF ENERGY
AND MINES

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-32703	Pool Code 96040	Pool Name Wildcat Devonian
Property Code 15838	Property Name NOVEMBER 16	Well Number 1
OGRID No. 014007	Operator Name MARALO, INC.	Elevation 3820'

Surface Location

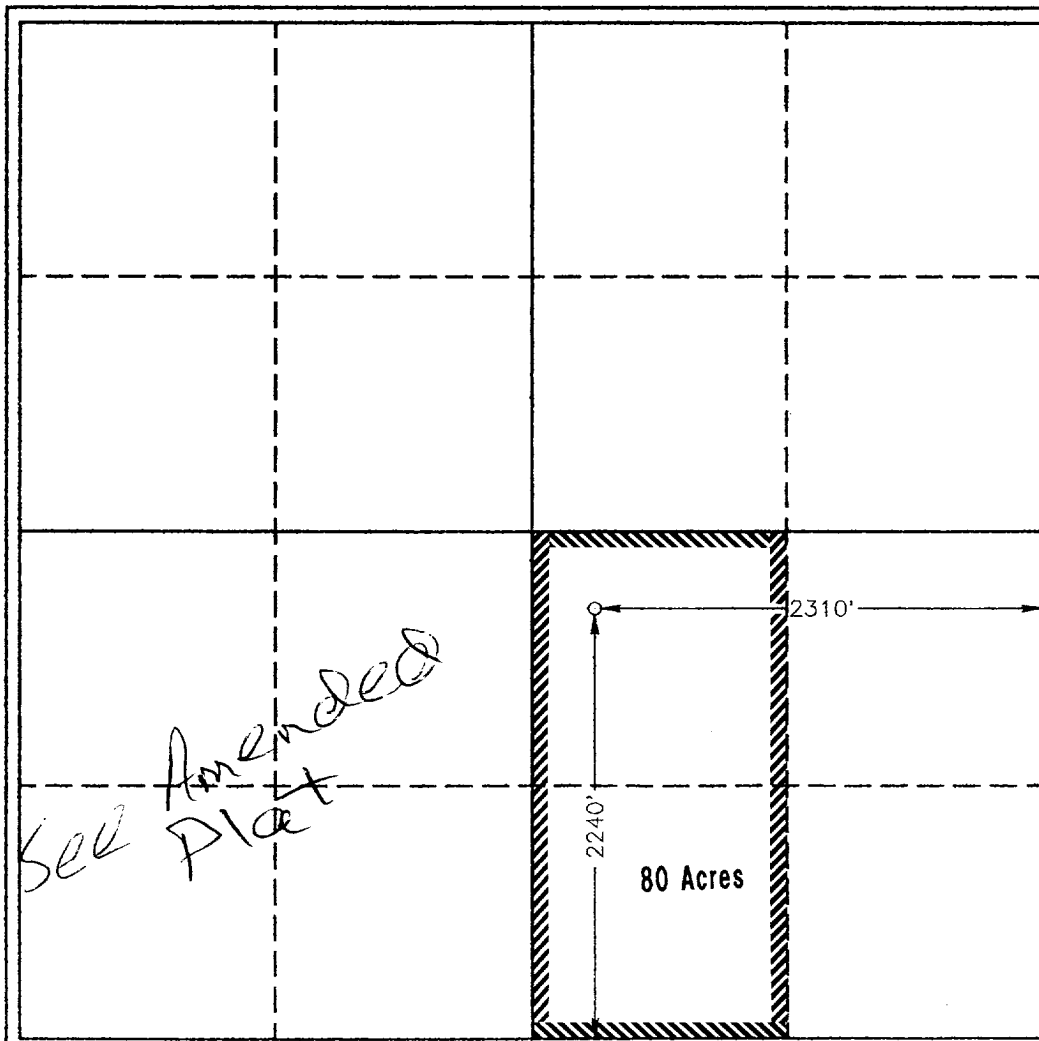
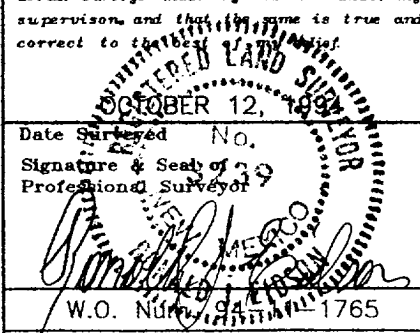
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	16	13 S	38 E		2240	SOUTH	2310	EAST	LEA

Bottom Hole Location If Different From Surface

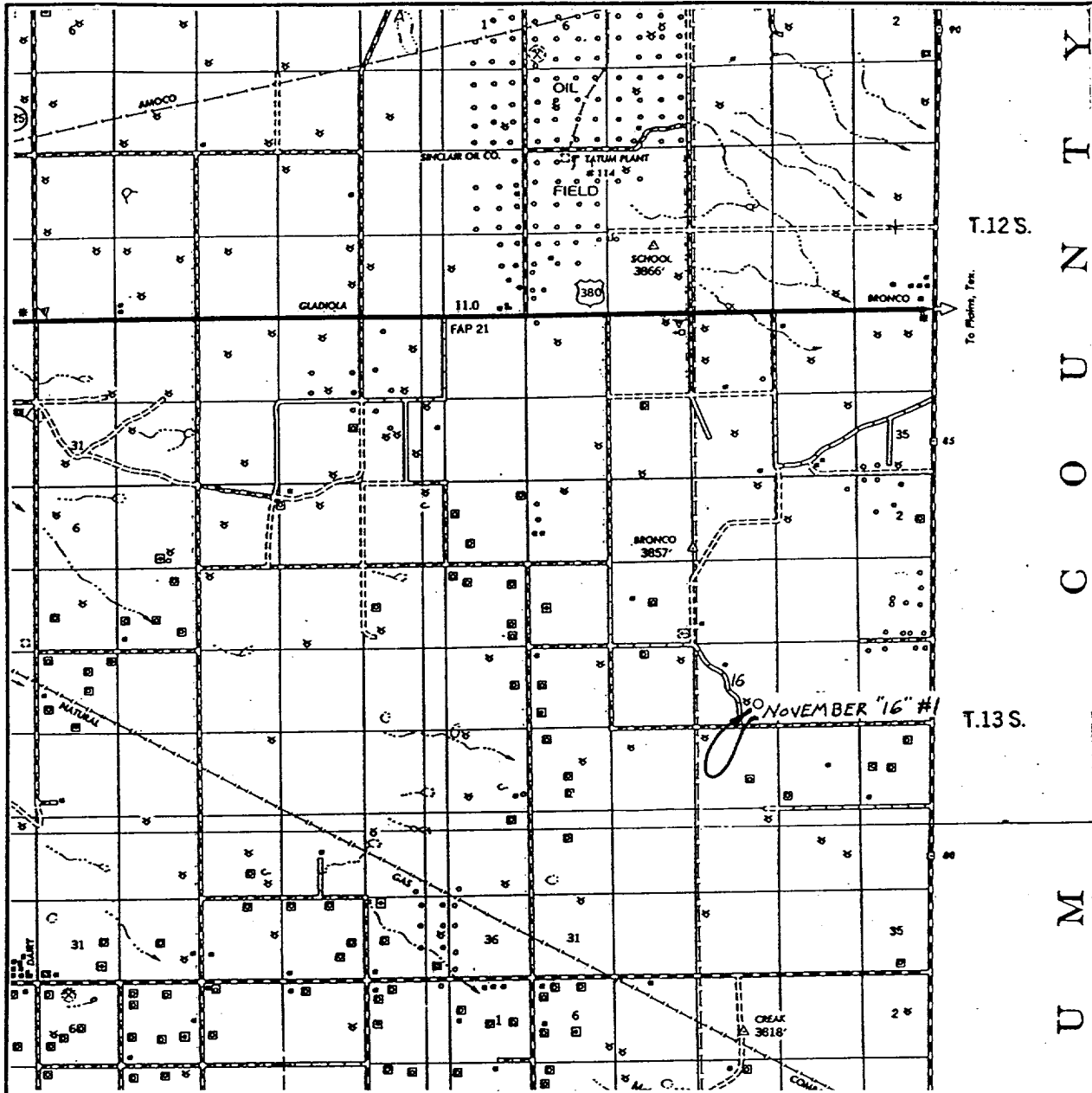
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 80	Joint or Infill N	Consolidation Code	Order No.
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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 _____ Printed Name _____ Title _____ 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 knowledge and belief. Date Surveyed No. OCTOBER 12, 1994 Signature & Seal of Professional Surveyor  W.O. Num. 94-1765 Certificate No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 16 TWP. 13S RGE. 38E

SURVEY NMPM

COUNTY LEA STATE NM

DESCRIPTION 2240'FSL & 2310'FEL

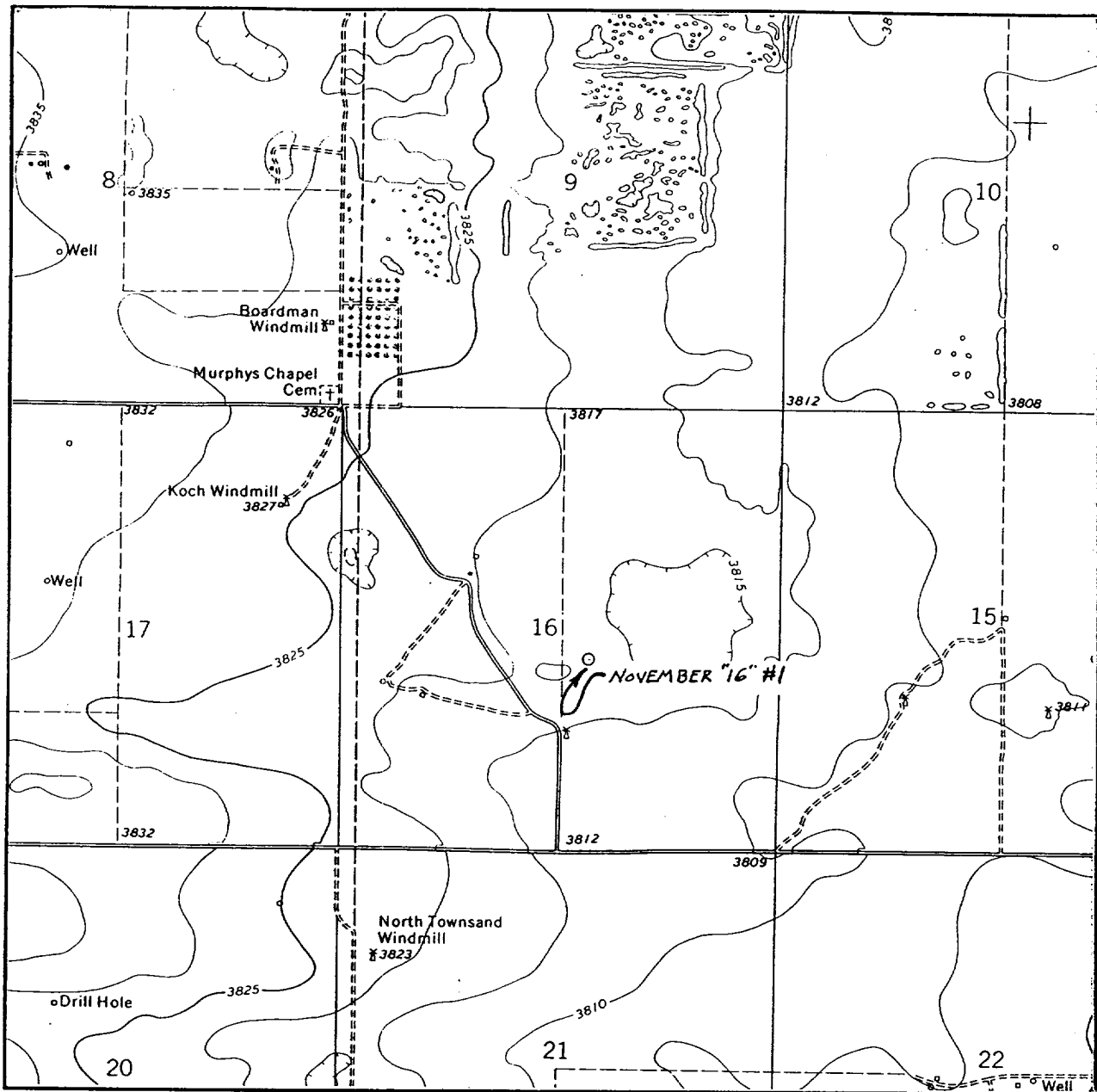
ELEVATION 3820'

OPERATOR MARALO, INC.

LEASE NOVEMBER "16" #1

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL 5'

SEC. 16 TWP. 13S RGE. 38E

SURVEY NMPM

COUNTY LEA STATE NM

DESCRIPTION 2240'FSL & 2310'FEL

ELEVATION 3820'

OPERATOR MARALO, INC

LEASE NOVEMBER "16" #1

U.S.G.S. TOPOGRAPHIC MAP

PRAIRIEVIEW NE, NM

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

NOVEMBER 16 LEASE

NO OFFSET LEASE OPERATORS

PROSPECT
OUTLINE

maralo Inc.

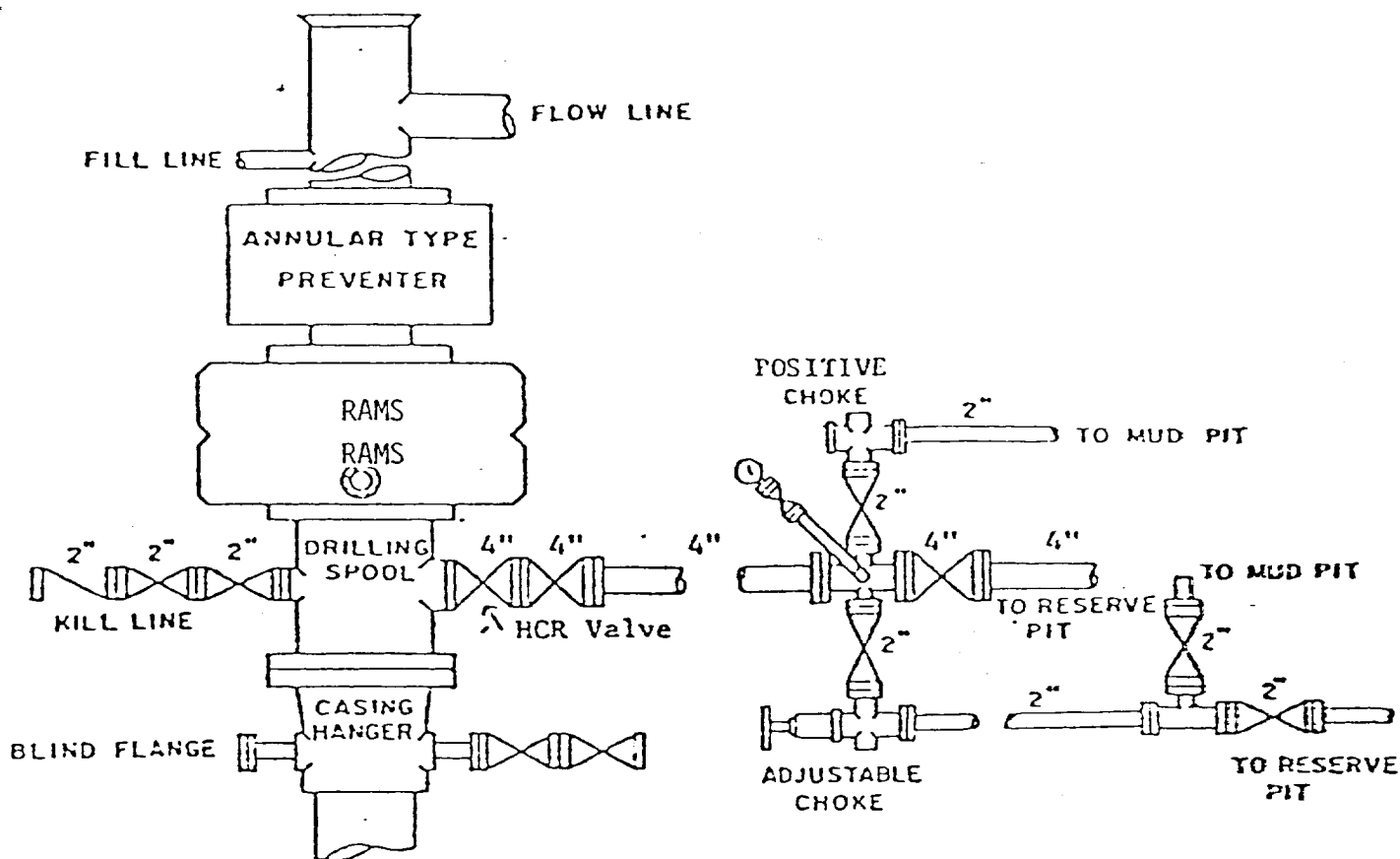
BRONCO, SW PROSPECT
LEA COUNTY, NEW MEXICO
LAND MAP

SCALE: 1" = 4,000'

RECEIVED

OCT 18 1994

JOHN F. KELLEY
OFFICE



BOP STACK

3000 PSI WORKING PRESSURE

BOP ARRANGEMENT

96/2/11

RECEIVED

OCT 18 1993

OFFICE