

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-161
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		¹ OGRID Number 014007
⁴ Property Code 017925	⁵ Property Name MILLMAN "11" STATE	³ API Number 30-015-29044
JUL 17 1996		⁶ Well No. 4

⁷ 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	11	19S	28E		660	SOUTH	1830	EAST	EDDY

⁸ 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
⁹ Proposed Pool 1 MILLMAN; (QU-GB-SA), EAST 46555					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code 0	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3423'
¹⁶ Multiple N	¹⁷ Proposed Depth 2700'	¹⁸ Formation GRAYBURG/SAN ANDRES	¹⁹ Contractor UNK.	²⁰ Spud Date 09/15/96

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	400'±	350 SXS CL. "C"	SURF.
7-7/8"	5-1/2"	15.5#	2700'±	COVER PROSPECTIVE ZONES	TIE BACK
					Post TD-1
					7-19-96
					New Hor & API

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 RAT HOLE & MOUSE HOLE & 40' SURFACE STARTING HOLE. LINE RESERVE PITS.
2. MIRU DRILLING RIG. NOTIFY NMOC OF INTENT TO SPUD. DRILL 12-1/4" HOLE TO 400'±. NOTIFY NMOC. RU & RUN 400'± 8-5/8" CSG. CEMENT W/350 SXS CL. "C" CENT W/2% CACL2. CIRC. CENT TO SURFACE. WOC 4 HRS BEFORE CUTTING OFF CSG. CUT OFF CSG & WELD ON BRADENHEAD. NU & TEST BOP. WOC 12 HRS BEFORE DRILLING OUT SURFACE CSG.
3. DRILL 7-7/8" HOLE TO 2650'±. RUN DST, LOG & EVALUATE. RU & RUN 2650'± 5-1/2" 15.5# K-55 CSG & CEMENT TO TIE BACK INTO 8-5/8" SURFACE CSG. (CEMENT TO BE CALCULATED FROM OPEN HOLE LOGS)
4. RD DRILLING RIG & CLEAN LOCATION. COMPLETION TO FOLLOW.

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

Signature:

Printed name:

DOROTHEA LOGAN

Title:

REGULATORY ANALYST

Date:

JULY 17, 1996

Phone:

(915) 684-7441

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM

Title:

DISTRICT II SUPERVISOR

Approval Date:

7-18-96

Expiration Date:

7-18-97

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.

- | | |
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| <p>1 Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.</p> <p>2 Operator's name and address</p> <p>3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.</p> <p>4 Property code. If this is a new property the OCD will assign the number and fill it in.</p> <p>5 Property name that used to be called 'well name'</p> <p>6 The number of this well on the property.</p> <p>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.</p> <p>8 The proposed bottom hole location of this well at TD</p> <p>9 and 10 The proposed pool(s) to which this well is being drilled.</p> <p>11 Work type code from the following table:
 N New well
 E Re-entry
 D Drill deeper
 P Plugback
 A Add a zone</p> <p>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</p> <p>13 Cable or rotary drilling code
 C Propose to cable tool drill
 R Propose to rotary drill</p> <p>14 Lease type code from the following table:
 F Federal
 S State
 P Private
 N Navajo
 J Jicarilla
 U Ute
 I Other Indian tribe</p> <p>15 Ground level elevation above sea level</p> <p>16 Intend to multiple complete? Yes or No</p> <p>17 Proposed total depth of this well</p> | <p>18 Geologic formation at TD</p> <p>19 Name of the intended drilling company if known.</p> <p>20 Anticipated spud date.</p> <p>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</p> <p>22 Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.</p> <p>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.</p> |
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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, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, 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 30-015-29044	Pool Code 46555	Pool Name MILLMAN; QU-GB-SA, EAST
Property Code 017925	Property Name MILLMAN 11 STATE	Well Number 4
OGRID No. 014007	Operator Name MARALO, INC.	Elevation 3423

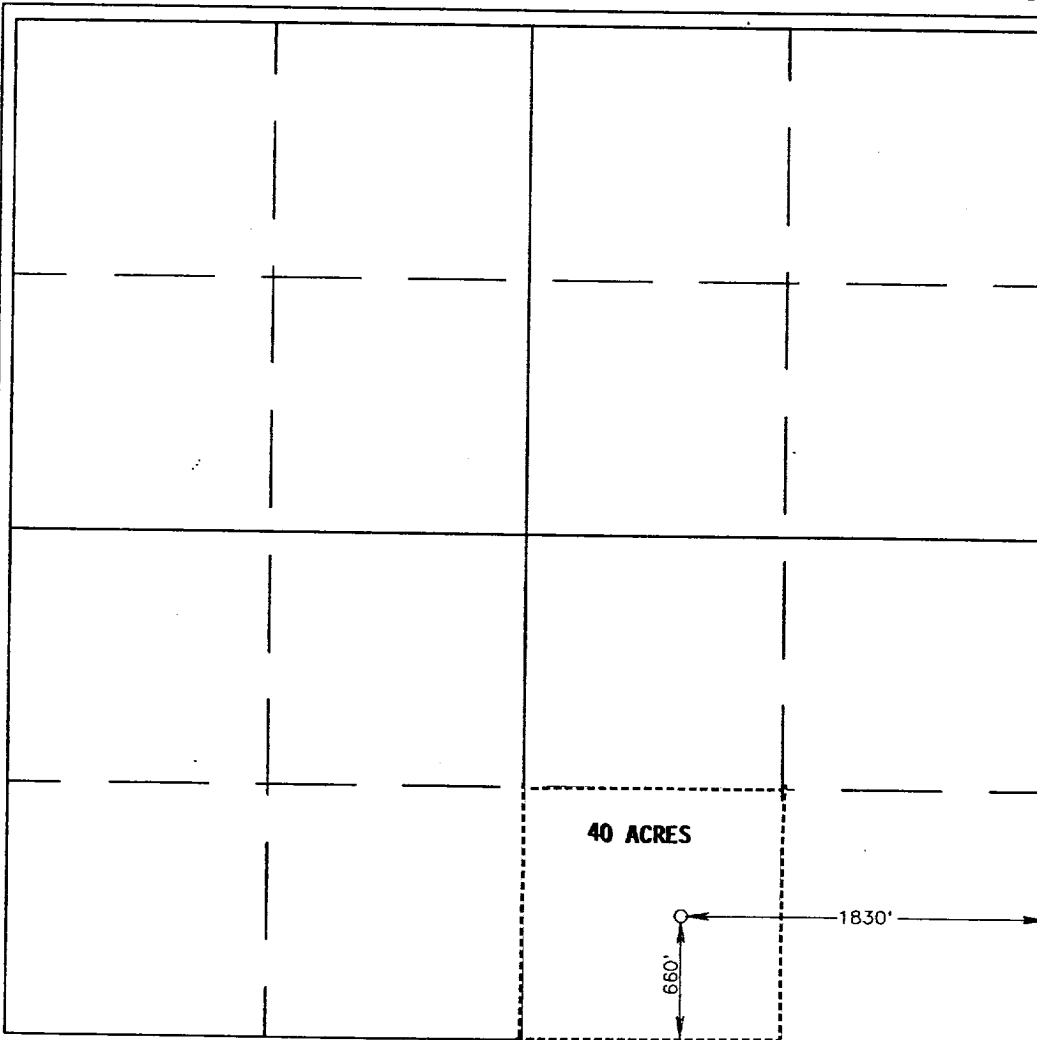
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	11	19 S	28 E		660	SOUTH	1830	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 40	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.

Dorothea Logan
Signature

DOROTHEA LOGAN

Printed Name

REGULATORY ANALYST

Title

JULY 17, 1996

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 7, 1996

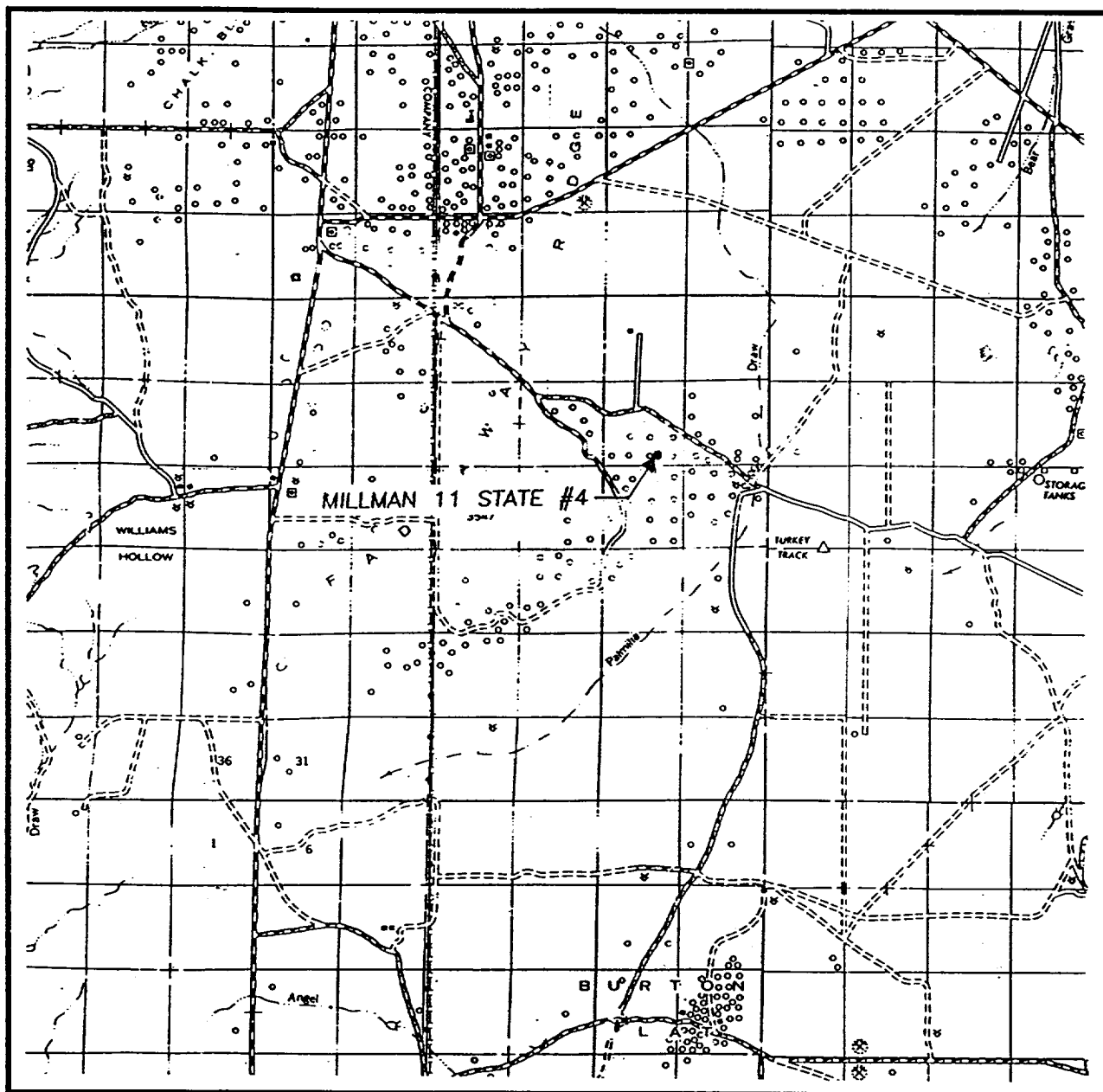
Date Surveyed **J. EIDSON** CDG

Signature & Seal of
Professional Surveyor

John M. Eidson
JOHN M. EIDSON
309-96
96-11-0808

Certificate No. **JOHN M. EIDSON** 676
HOE EIDSON 3239
RAY EIDSON 12641

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 11 TWP. 19-S RGE. 28-E

SURVEY N.M.P.M.

COUNTY EDDY

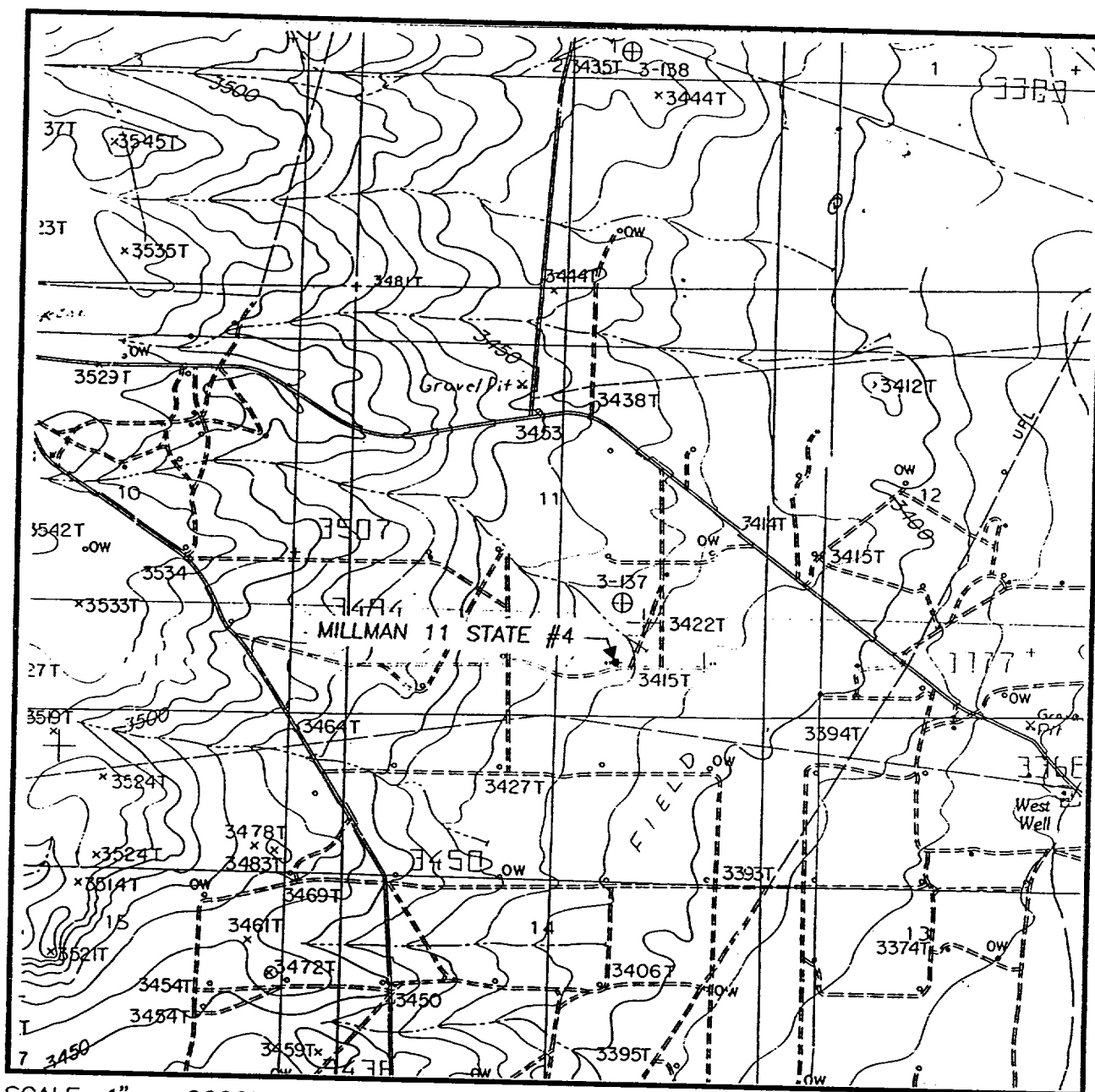
DESCRIPTION 660' FSL & 1830' FEL

ELEVATION 3423'

OPERATOR MARALO, INC.

LEASE MILLMAN 11 STATE

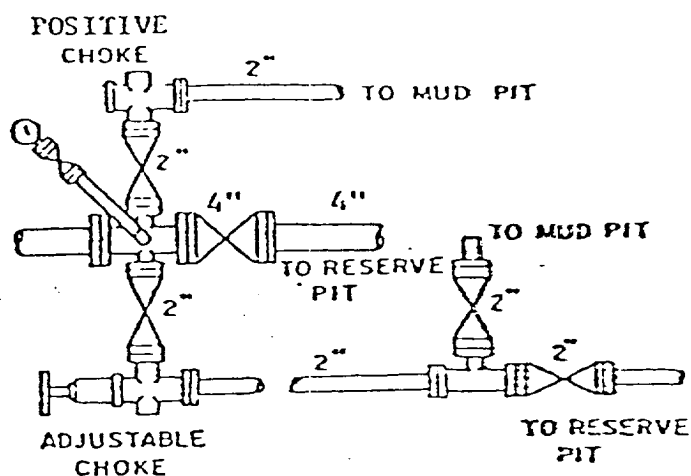
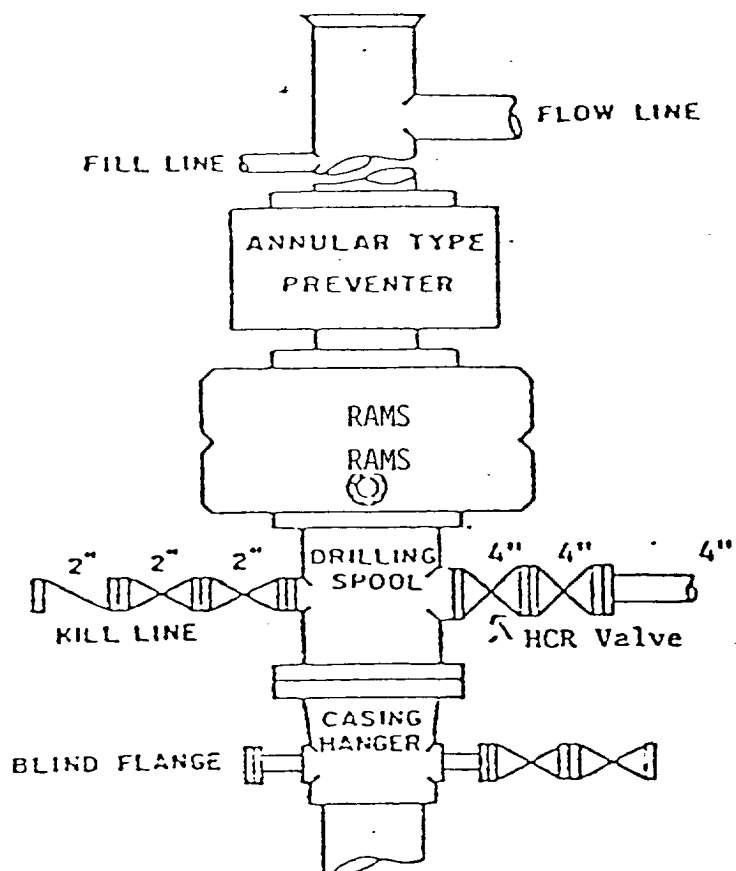
**JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117**



CONTOUR INTERVAL:
ILLINOIS CAMP - 10'

ILLINOIS CAMP, N.M.

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



BOP STACK

3000 PSI WORKING PRESSURE

BOP ARRANGEMENT