

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

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

Operator Name and Address Melrose Operating Co., P.O. Box 953 Midland, TX 79702		OGRID Number: 184860
Property Code: 25191	Property Name Jalmat Field San Yates Unit	API Number 30 - 025 - 37479
Proposed Pool 1 Jalmat (T-Y-7R)		Well No. 219
Proposed Pool 2		

Surface Location

UL or lot no. B	Section 14	Township 22S	Range 35E	Lot Idn	Feet from the 50	North/South line North	Feet from the 2360	East/West line East	County Lea
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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
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Additional Well Information

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3592
Multiple No	Proposed Depth 4200'	Formation Yates	Contractor United Drlg.	Spud Date 9-30-05
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic X 12 mils thick Clay <input type="checkbox"/> Pit Volume: 3000 bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel Oil-based <input type="checkbox"/> Gas Air <input type="checkbox"/>				

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#	350	250 sx	Surface
7 7/8"	5 1/2"	15 5#	4200'	1200 sx	Surface

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.

Propose to drill 12 1/4" hole to 350', set 8 5/8" casing to 350', cement w/250 sx CI C - circulating cement to surface. WOC. Drill 7 7/8" hole to 4200', run open hole logs, set production casing string to approximately 4200', cementing with 1200 sx CI C - circulating cement to surface.

Will perforate, stimulate & test well.

We do not anticipate encountering any H2S intervals during the drilling of this well.

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. I further certify that the drilling pit will be constructed according to NMOCD guidelines X, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Ann E. Ritchie

Title: Regulatory Agent

E-mail Address: ann.ritchie@wtor.net

Date: 9-28-05

Phone: 432 684-6381

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Conditions of Approval Attached ☐

PETROLEUM ENGINEER

Expiration Date:

DISTRICT I

1625 N. FRENCH DR., EDGEMO, NM 88240

DISTRICT II

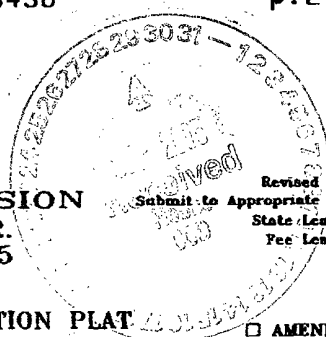
1304 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources DepartmentOIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-37479	Pool Code 33820	Pool Name Jalmat (T-Y-7R)
Property Code 25191	Property Name JYSU	Well Number 219
OCRID No. 184860	Operator Name MELROSE OPERATING COMPANY	Elevation 3592'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	14	22-S	35-E		50	NORTH	2360	EAST	LEA

Bottom Hole Location If Different From Surface

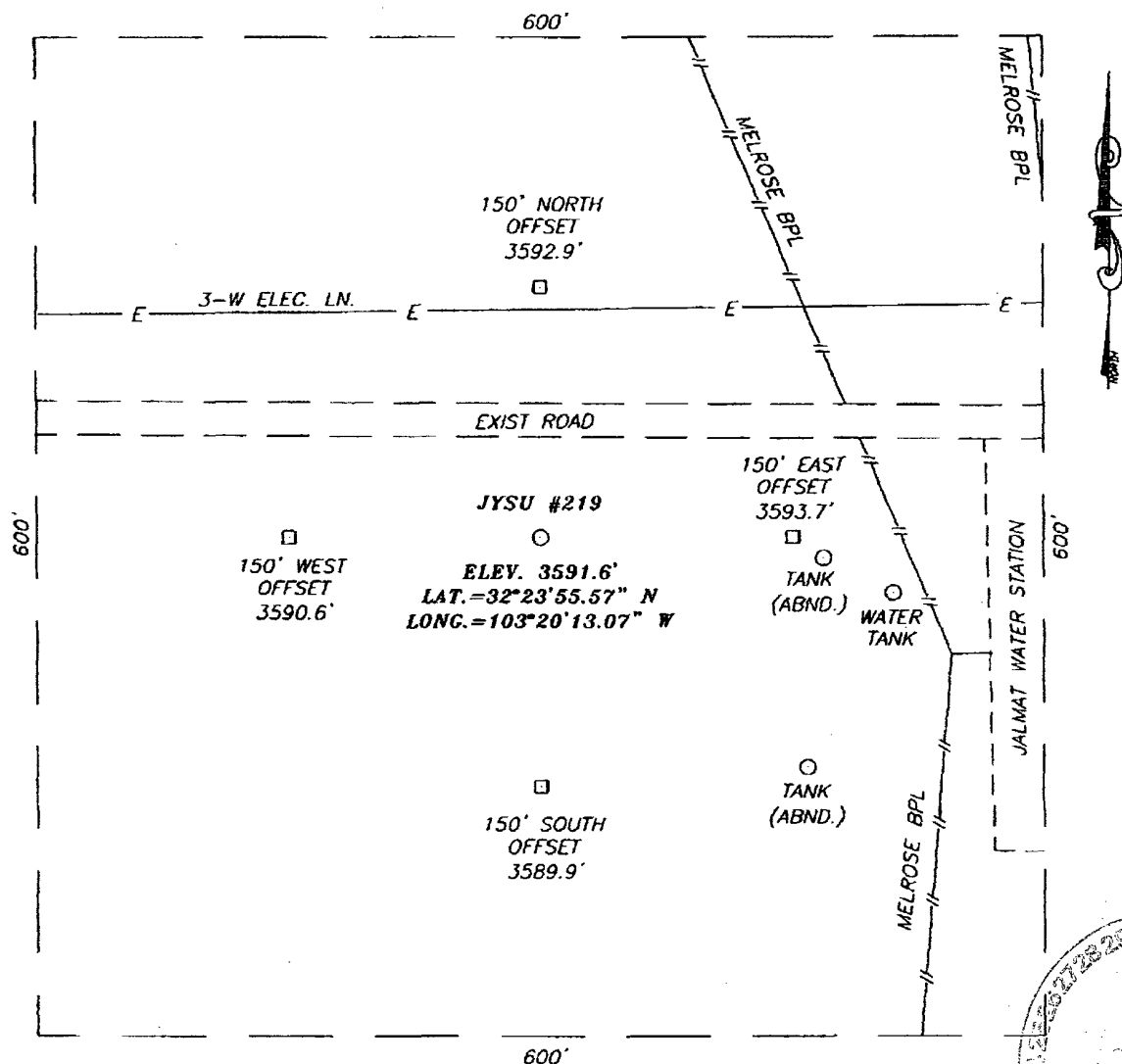
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No. Waterflood Unit						

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

<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>SECTION 11</p> <p>SECTION 14</p> </div> <div style="flex: 1; text-align: center;"> <p>50'</p> <p>2360'</p> </div> <div style="flex: 1; writing-mode: vertical-rl; transform: rotate(180deg);"> <p>Jalmat Field Sand Yates Unit</p> </div> </div>				<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>[Signature]</i></p> <p>Signature Ann E. Ritchie</p> <p>Printed Name Regulatory Agent</p> <p>Title 9-28-05</p> <p>Date</p>	
				<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>SEPTEMBER 8, 2005</p> <p>Date Surveyed JR</p> <p>Signature & Seal of Professional Surveyor <i>[Signature]</i></p> <p>05.11.1399</p> <p>Certificate No. GARY EDSON 12841</p>	
<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=510220.1 N X=807532.0 E</p> <p>LAT.=32°23'55.57" N LONG.=103°20'13.07" W</p>					

LEA COUNTY,

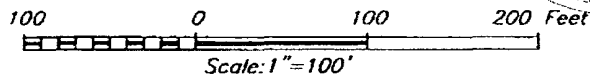
NEW MEXICO



FROM THE INTERSECTION OF CO. RD. #21
(DELAWARE BASIN RD.) AND WEAVER RD., GO
WEST CO. RD. #21 FOR APPROX. 0.8 MILES.
TURN RIGHT (NORTH) AND GO APPROX. 0.1
MILES, ROAD TURNS LEFT (WEST) AND GOES
APPROX. 1.0 MILES TO AN INTERSECTION.
TURN LEFT (SOUTH) AND GO APPROX. 0.1
MILES. TURN RIGHT (WEST) AND GO APPROX.
0.5 MILES. THIS LOCATION IS APPROX. 50'
SOUTH.



**PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(505) 383-3117**



MELROSE OPERATING COMPANY

JYSU #219 WELL
LOCATED 50 FEET FROM THE NORTH LINE
AND 2360 FEET FROM THE EAST LINE OF SECTION 14,
TOWNSHIP 22 SOUTH, RANGE 35 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

Survey Date: 09/08/05		Sheet 1 of 1 Sheets	
W.O. Number: 05.11.1399		Dr By: J.R.	Rev 1:N/A
Date: 09/16/05	Disk: CD#5	05111399	Scale: 1"=100'

P. 4

12262728293031-122457C78463

4


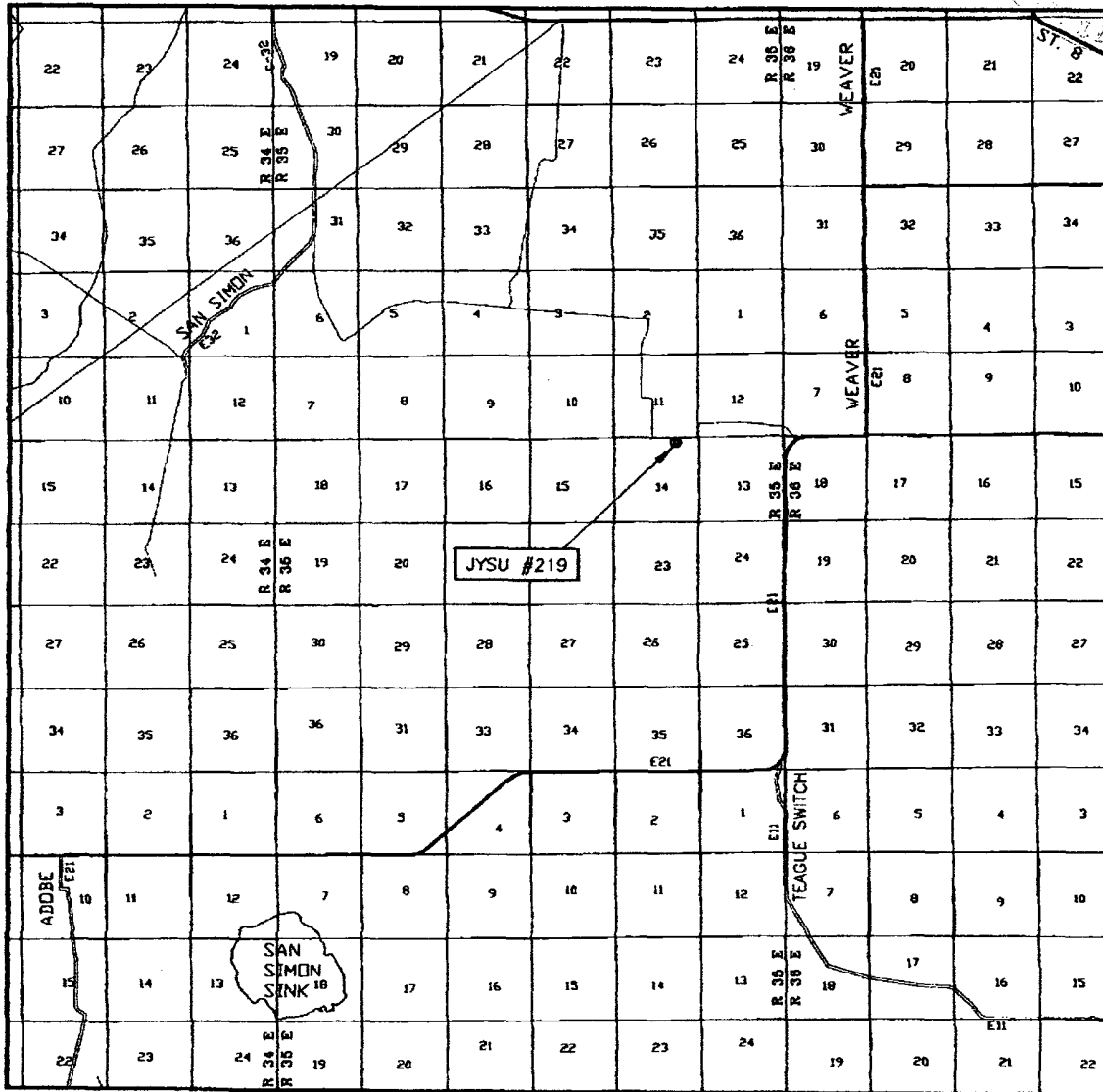
205

Received

1968

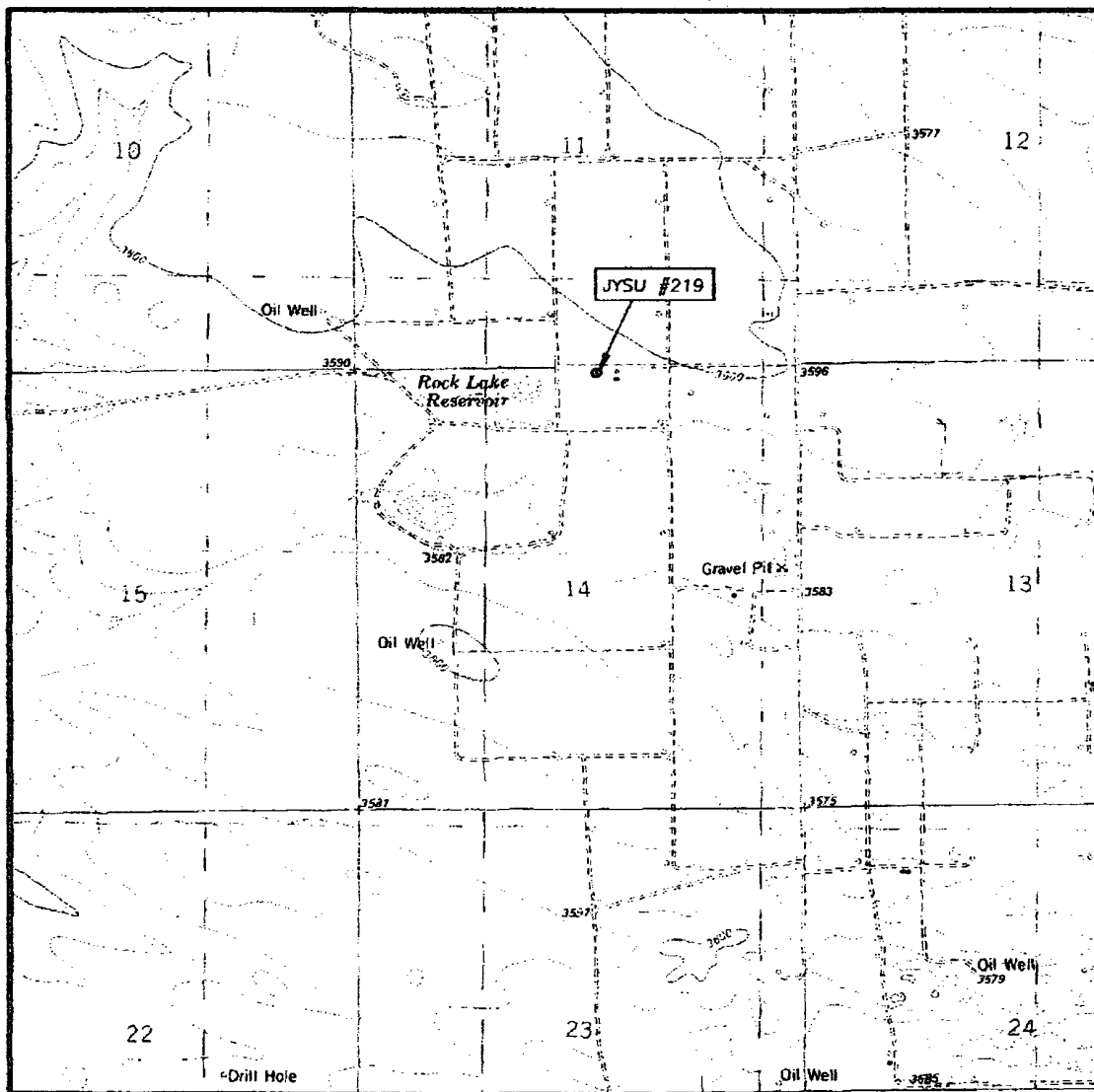
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ST. 8

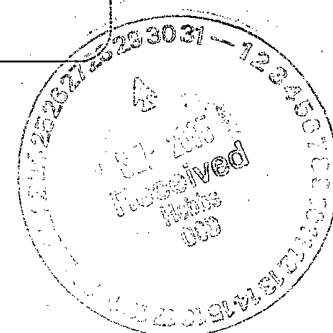
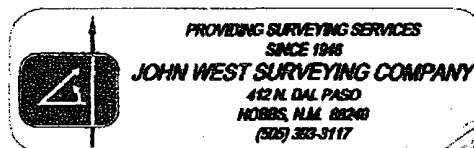


**PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
MOBBS, N.M. 88240
(505) 383-3117**

LOCATION VERIFICATION MAP

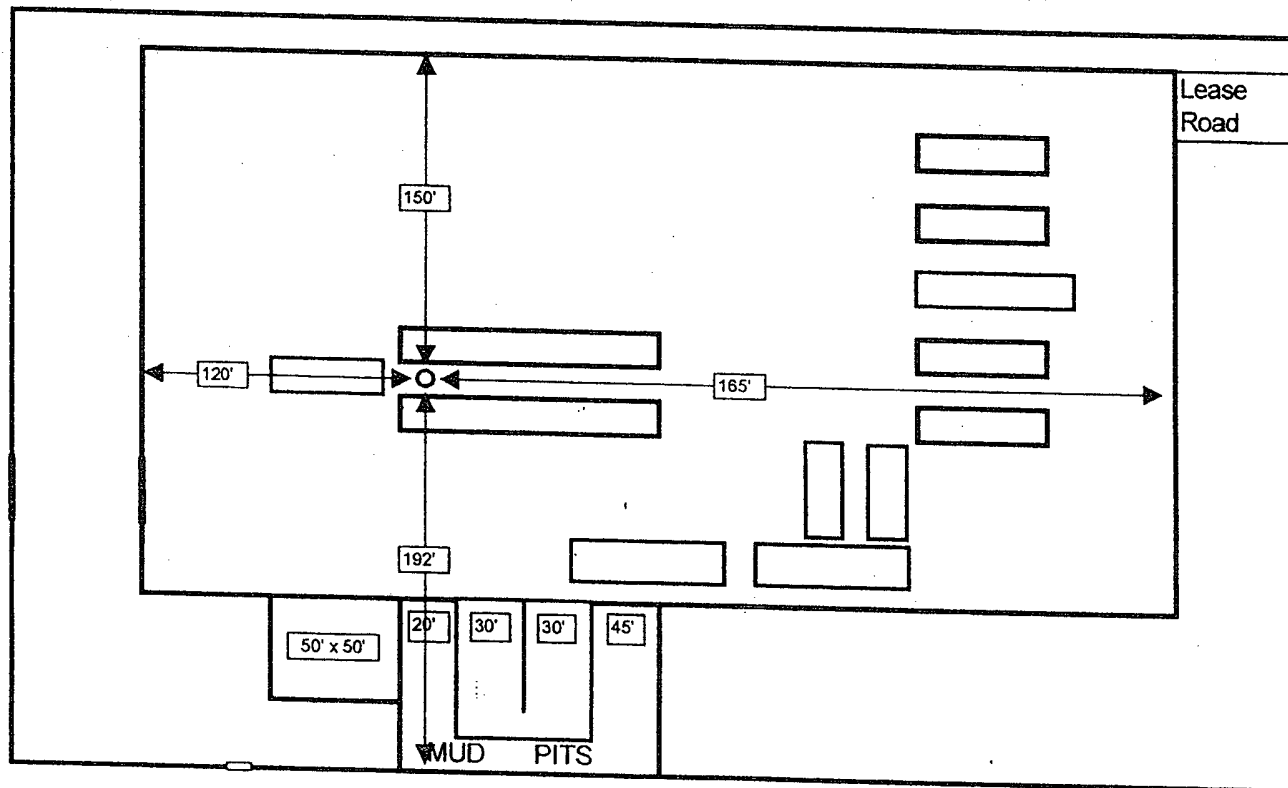


SCALE: 1" = 2000'

CONTOUR INTERVAL:
OIL CENTER, N.M. - 10'SEC. 14 TWP. 22-S RGE. 35-ESURVEY N.M.P.M.COUNTY LEADESCRIPTION 50' FNL & 2360' FELELEVATION 3592'OPERATOR MELROSE
OPERATING COMPANYLEASE JYSUU.S.G.S. TOPOGRAPHIC MAP
OIL CENTER, N.M.

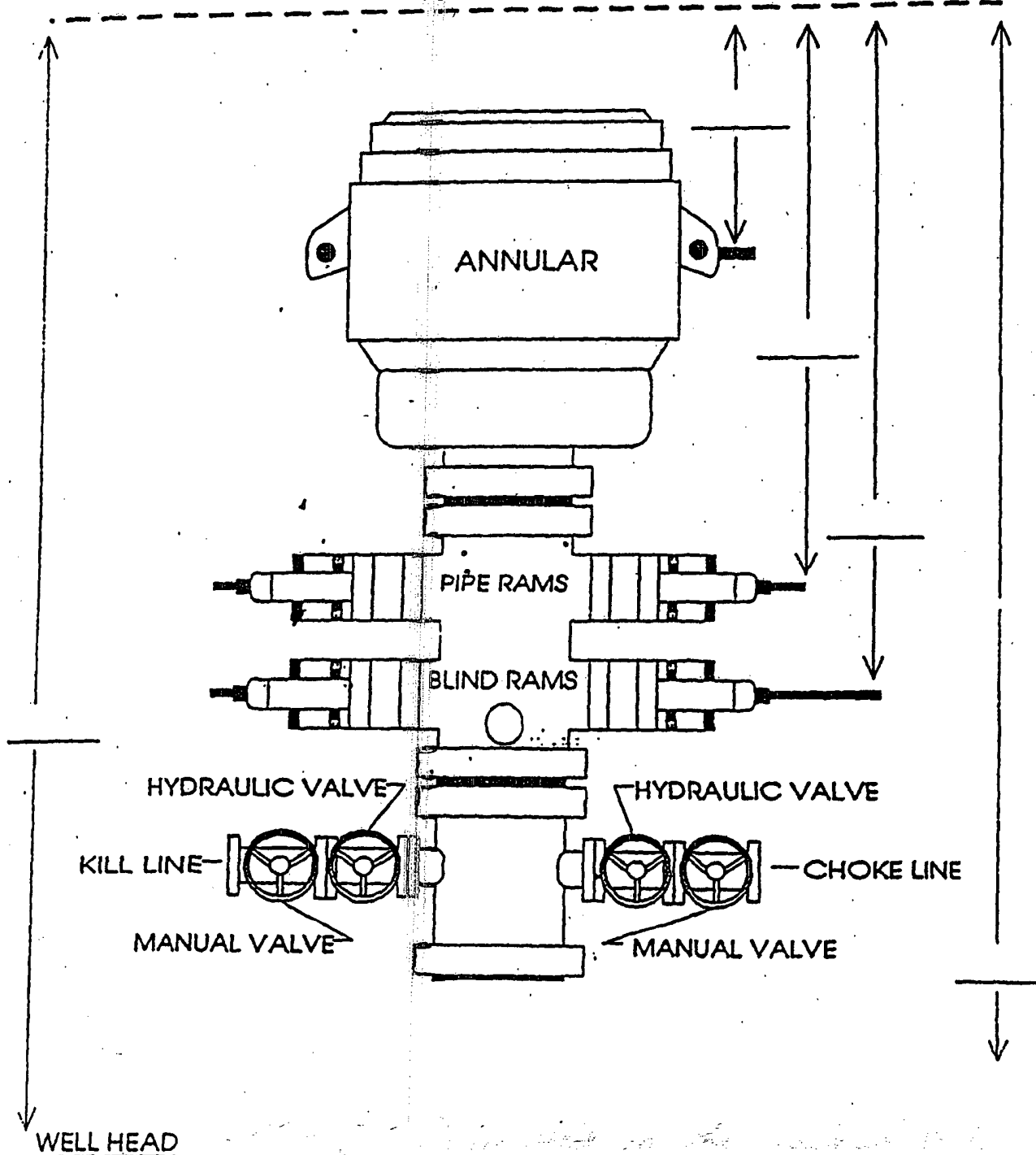


Drilling Rig Pad Schematic
Melrose Operating Co., JFY5U, well # 219
Lea County, New Mexico
Wellbore is 40' North of the pit



SIZE: 3000#

TOP OF ROTARY



WELL Jalmat Unit #219 CONTRACTOR United Drilg