

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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 S. St. Francis Dr.
Santa Fe, NM 87505

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

¹ Operator Name and Address Melrose Operating Co. c/o P.O. Box 953 Midland, TX 79702		² OGRID Number 184860
		³ API Number 30-0 25-37174
⁴ Property Code 25191	⁵ Property Name Jalmat Yates Sand Unit	
	⁶ Well No. 220	

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
L	11	22S	35E		1876'	South	759'	West	Lea

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 Jalmat (T-Y-7R)					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3600'
¹⁶ Multiple no	¹⁷ Proposed Depth 4200'	¹⁸ Formation Yates	¹⁹ Contractor United Drlg.	²⁰ Spud Date 4-15-05

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#	350'	250 sx	surface
7 7/8"	5 1/2"	15.5#	4200'	1200 sx	surface

22. Describe the proposed program. If this 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 C.C. circulating to surface. Drill 7 7/8" hole to 4200', run open hole logs, set production string casing to TD, cementing w/1200 sx CI C, circulating to surface. Will perforate and stimulate and test.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

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

Signature:

Printed Name:

Ann E. Ritchie

Title:

Regulatory Agent

Date:

4-5-05

Phone:

432 684-6381

OIL CONSERVATION DIVISION

Approved by:

Title:

PETROLEUM ENGINEER

Approval Date:

APR 08 2005

Expiration Date:

Conditions of Approval:

Attached: ☐

DISTRICT I

1625 N. FRENCH DR., ROBBES, NM 88240

DISTRICT II

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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 Department

OIL 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 30-025-37174	Pool Code 33820	Pool Name Jalmat; Jan-Yates-7 Rivers (oil)
Property Code 25191	Property Name JALMAT	Well Number 220
OGRID No. 184860	Operator Name MELROSE OPERATING COMPANY	Elevation 3600'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	11	22-S	35-E		1876	SOUTH	759	WEST	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.
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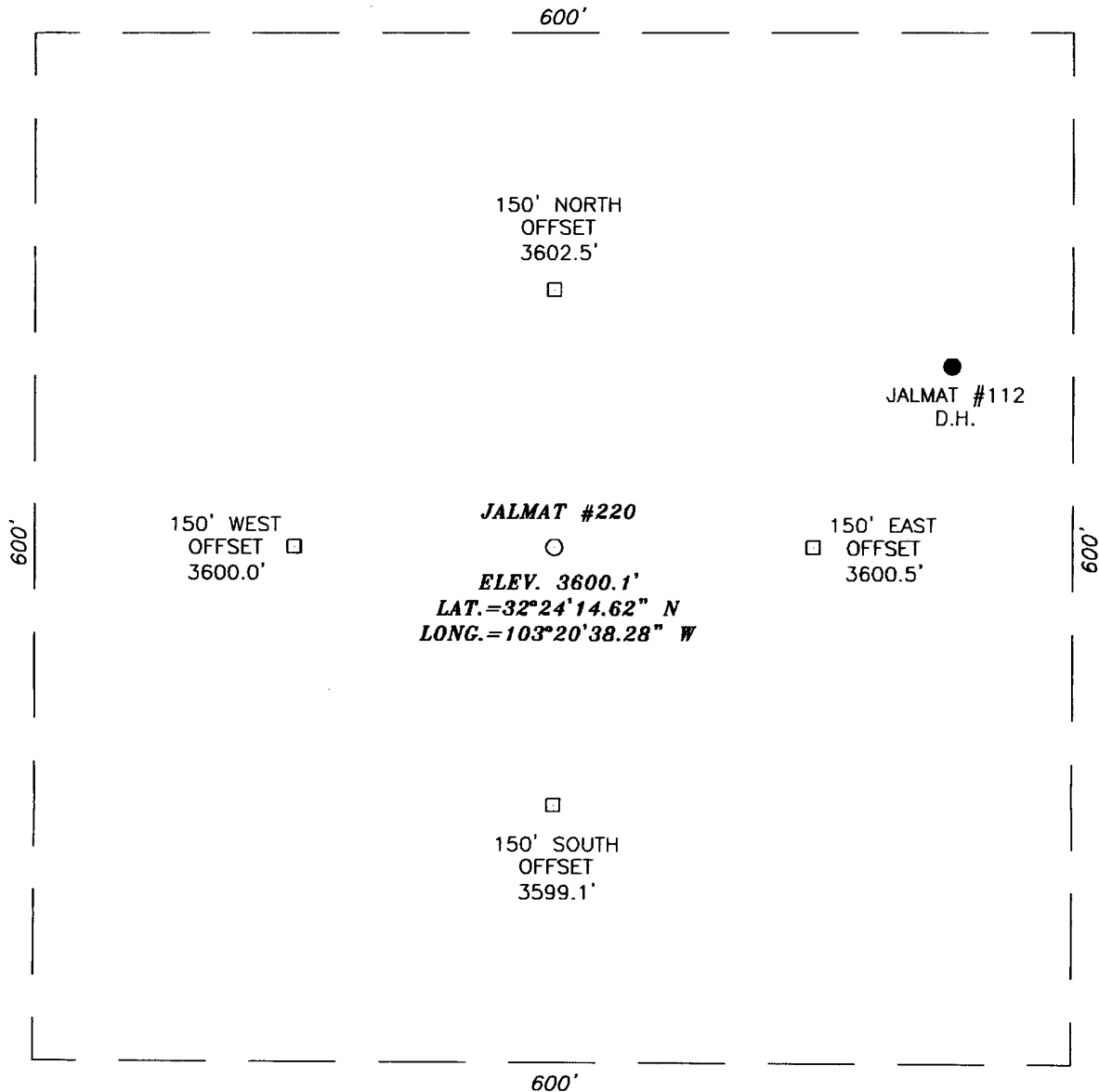
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<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> Signature Ann E. Ritchie Printed Name Regulatory Agent Title 4-5-05 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>MARCH 24, 2005</p> <p>Date Surveyed Signature & Seal of Professional Surveyor <i>[Signature]</i> Certificate No. GARY E. GIBSON 12641</p>

SECTION 11, TOWNSHIP 22 SOUTH, RANGE 35 EAST, N.M.P.M.,

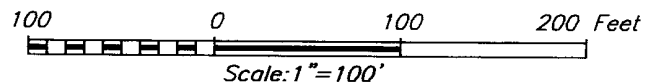
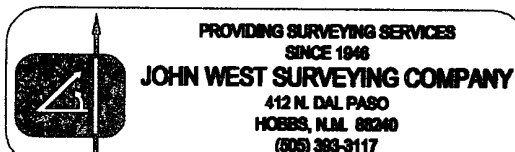
LEA COUNTY,

NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF WEAVER RD. AND DELAWARE BASIN RD. GO WEST ON DELAWARE BASIN RD. APPROX. 1.0 MILES. TURN RIGHT (NORTH) ON LEASE RD. AND GO NORTH APPROX. 0.2 MILES. FOLLOW ROAD LEFT (WEST) AND GO WEST APPROX. 1.0 MILES. TURN LEFT (SOUTH) AND GO APPROX. 0.2 MILES. TURN RIGHT (WEST) AND GO APPROX. 0.5 MILES. TURN RIGHT (NORTH) AND GO APPROX. 0.1 MILES. TURN LEFT (WEST) AND GO APPROX. 0.2 MILES. TURN RIGHT (NORTH) AND GO APPROX. 0.2 MILES. THIS LOCATION IS APPROX. 0.2 MILES LEFT (WEST) OF ROAD.

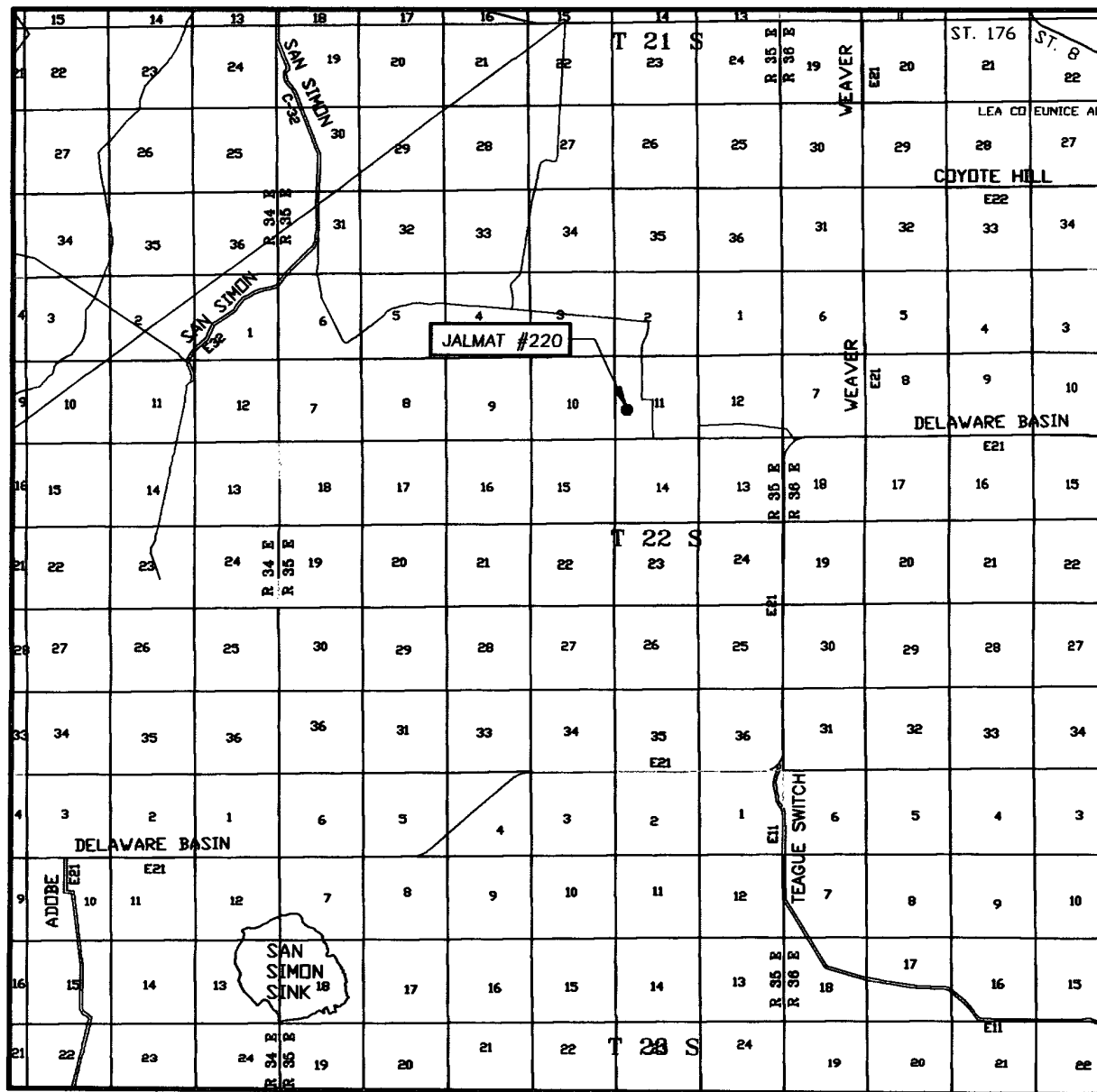


MELROSE OPERATING COMPANY

JALMAT #220 WELL
LOCATED 1876 FEET FROM THE SOUTH LINE
AND 759 FEET FROM THE WEST LINE OF SECTION 11,
TOWNSHIP 22 SOUTH, RANGE 35 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

Survey Date: 03/24/05		Sheet 1 of 1 Sheets	
W.O. Number: 05.11.0486		Dr By: DEL	Rev 1:N/A
Date: 03/28/05	Disk: CD#4	05110486	Scale: 1"=100'

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 11 TWP. 22-S RGE. 35-E

SURVEY N.M.P.M.

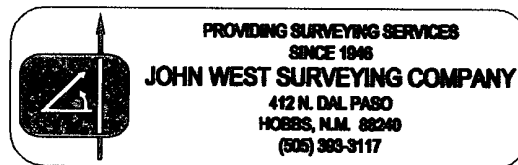
COUNTY LEA

DESCRIPTION 1876' FSL & 759' FWL

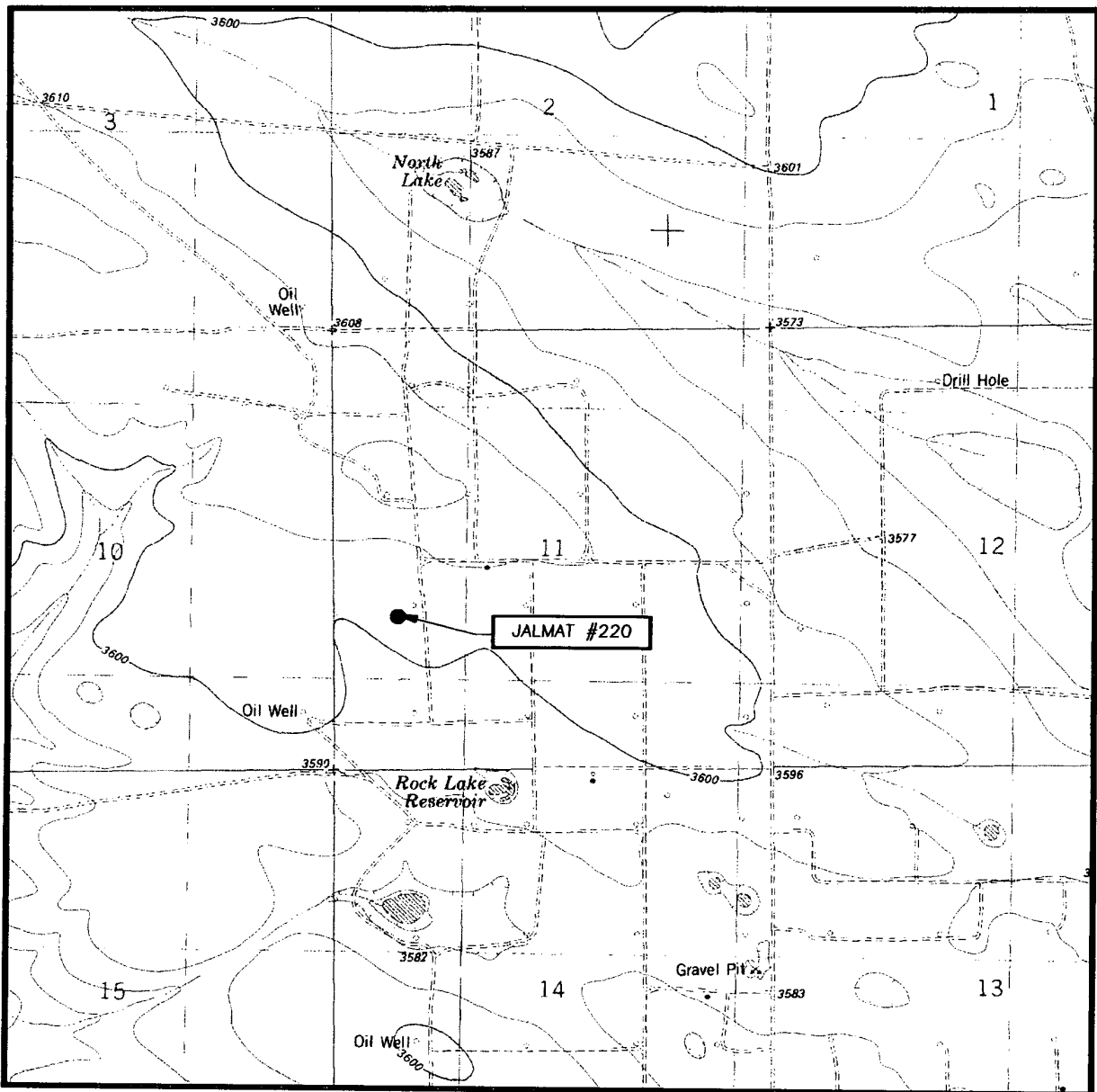
ELEVATION 3600'

OPERATOR MELROSE OPERATING COMPANY

LEASE JALMAT



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
OIL CENTER, N.M. - 10'

SEC. 11 TWP. 22-S RGE. 35-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1876' FWL & 759' FWL

ELEVATION 3600'

OPERATOR MELROSE OPERATING COMPANY

LEASE JALMAT

U.S.G.S. TOPOGRAPHIC MAP
OIL CENTER, N.M.

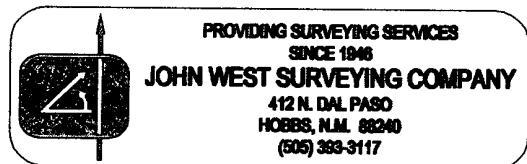
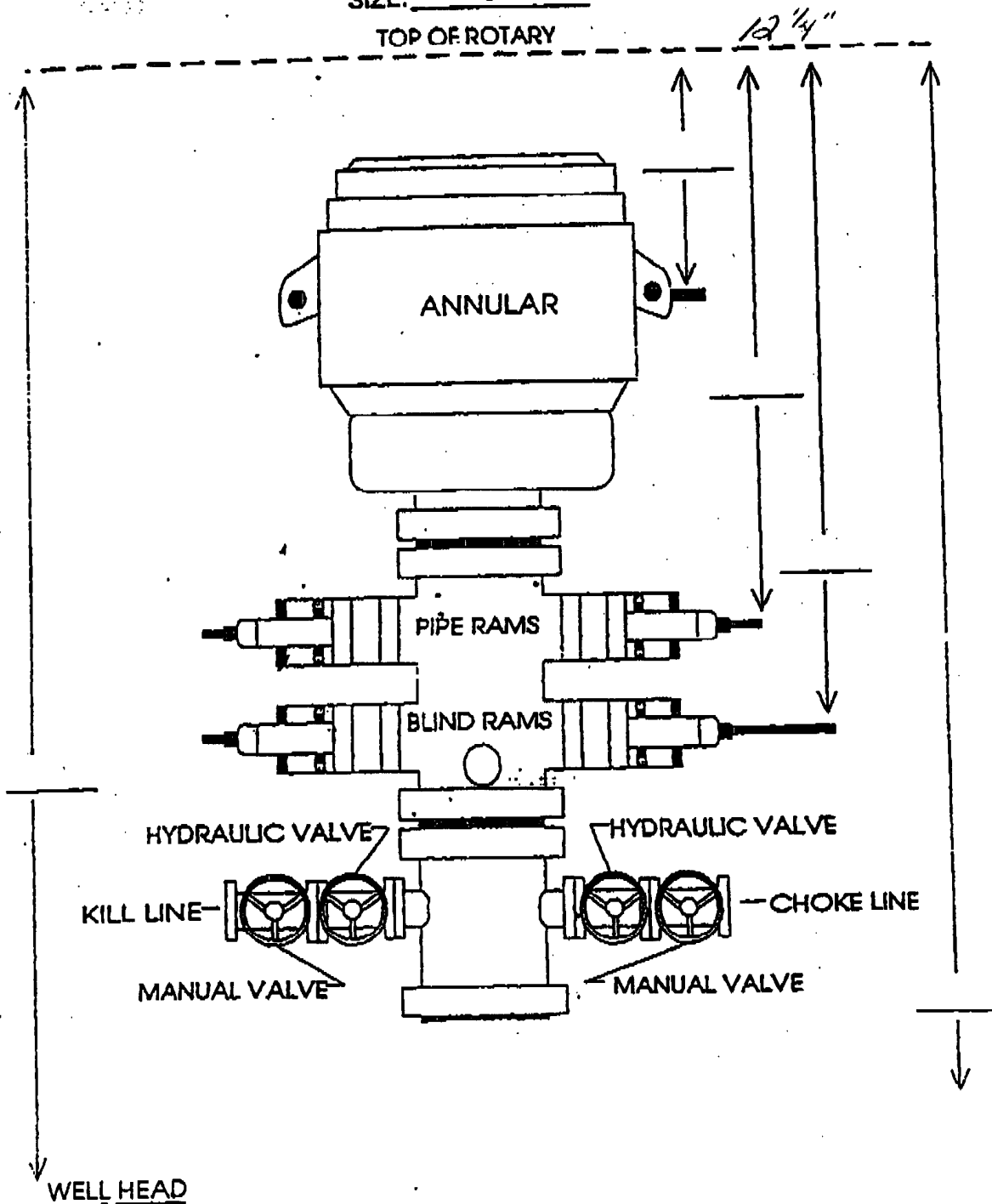


EXHIBIT A

B.O.P. STACK SPACING

SIZE: **3000#**



WELL Jalmut # 220 CONTRACTOR United Drilg

District I
1625 N. French Dr., I I obbs. 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 87504~.

State of New Mexico
Energy Minerals and Natural Resources

Form C-144
June 1, 2004

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

For drilling and production facilities, submit to
appropriate NMOC District Office.
For downstream facilities, submit to Santa Fe
office

Pit or Below-Grade Tank Registration or Closure

Is pit below-grade tank covered by a "general plan" Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☒ Closures of a pit or below-grade tank ☐

Operator: Melrose Operating Company Telephone: 432 84-6381 e-mail address: ann.ritchie@wtor.net		
Address: c/o P.O. Box 953, Midland, TX 79702 30-025-37174		
Facility or well name: Jalmat Field Sand Yates Unit API 4: pending U/L or Qtr/Qtr L Sec 11 T 22S R 35E		
County: Lea	Latitude 32°24'14.62"	Longitude 103°20'38.28" NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/> Surface Owner Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>
1876 FSL & 759 FWL - Sec 11		
Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness 12 mat Clay <input type="checkbox"/> Pit Volume 8000 bbl		
Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes 0 If not, explain why not. _____		
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) 350'	Less than 100 feet	(20 points)
	100 feet or more, build less than 100 feet	(10 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes	(20 points)
	No No	(0 points) 0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)
	200 feet or more, but less than 1000 feet	(10 points)
Ranking Score (Total Points)	1000 feet or more 1000 ft or more	(0 points) 0
	0 Points	

Is this an oil closure. (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location. (If buried onsite box if you are burying in place) onsite: ☐ offsite ☒ If offsite, name of facility (3) Attach a general description of remedial action taken including remediation start date and end date (4) Groundwater encountered: No **0** Yes ☐ If yes, show depth below ground surface

Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: **Pit diagram attached.**

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☒ a general permit, or an (attached) alternative OGD approved plan

Date: **4-5-05**

Printed Name title **Ann E. Ritchie, Regulatory Agent**

Signature 

Your certification and NMOC approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title

PETROLEUM ENGINEER

Signature 

Date: **0 8 2005**

C-144
4-5-05

L, Sec 11, T-22-S, R-35-E
220: 1876 FSL x 759' FWL

Melrose Operating Company
Drilling Rig Pad Schematic
Jalmit Yates Sand Unit # 220
Lea County, New Mexico
Wellbore is 40' North of the pit

