

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

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 Joe Melton Drilling Co., Inc. P.O. Box 4203 Midland, Texas 79704		² GRID Number 011916
³ Property Code 29233	⁴ Property Name Leonard State	⁵ API Number 30-025-35967
		⁶ Well No. 2

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
C	24	21S	36E		659	North	1974	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 Eumont Yates 7 Rvrs. Queen oil					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code 0	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 3531
¹⁶ Multiple	¹⁷ Proposed Depth 3850	¹⁸ Formation Queen	¹⁹ Contractor CapStar	²⁰ Spud Date 11/1/02

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11"	8-5/8"	24#	350'	200	surface
7-7/8"	5-1/2"	14#	3850	1425	surface

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.

Drill well to approximately 3850'
Complete Queen formation from 3516±-3728±
Treat w/1500 gallons 15% acid, 100,000# 16-20 sand
w/70 Quality Foam Frac

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: *Karen Allen*
Printed name: Karen Allen
Title: Secretary
Date: 8/7/02
Phone: 915 682-5461

OIL CONSERVATION DIVISION

Approved by:

Title: ORIGINAL SIGNED BY
Approval Date: PAUL F. KAUTZ
Expiration Date:

Conditions of Approval: ENGINEER

Attached ☐

AUG 15 2002

DISTRICT I
1626 N. French Dr., Hobbs, NM 88240

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

DISTRICT III
1000 Elie Bruce Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35967	Pool Code 22800	Pool Name Eumont Yates 7 Rvrs. Queen oil
Property Code 29233	Property Name LEONARD STATE	Well Number 2
OGRID No. 11916	Operator Name JOE MELTON DRILLING CO., INC.	Elevation 3531

Surface Location

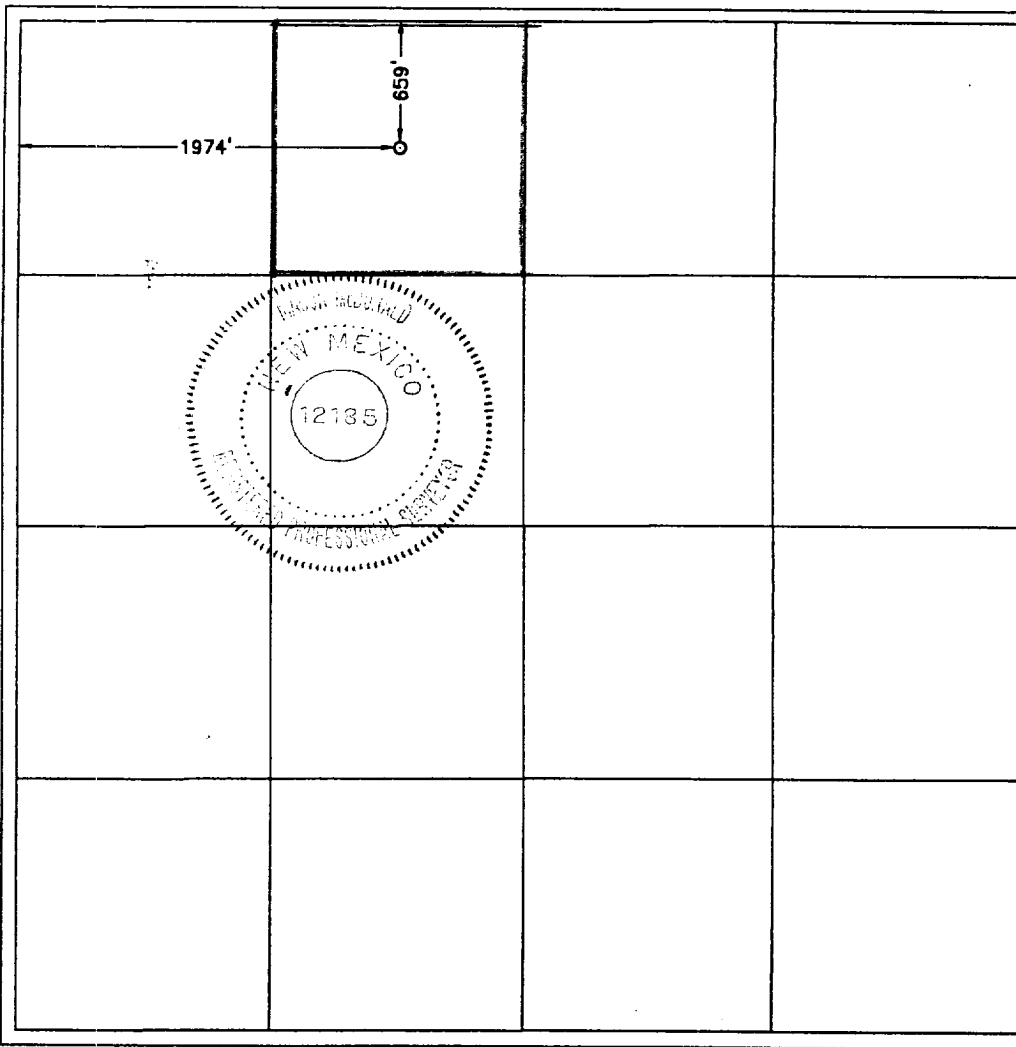


UL or lot No. C	Section 24	Township 21 S	Range 36 E	Lot Idn	Feet from the 659	North/South line NORTH	Feet from the 1974	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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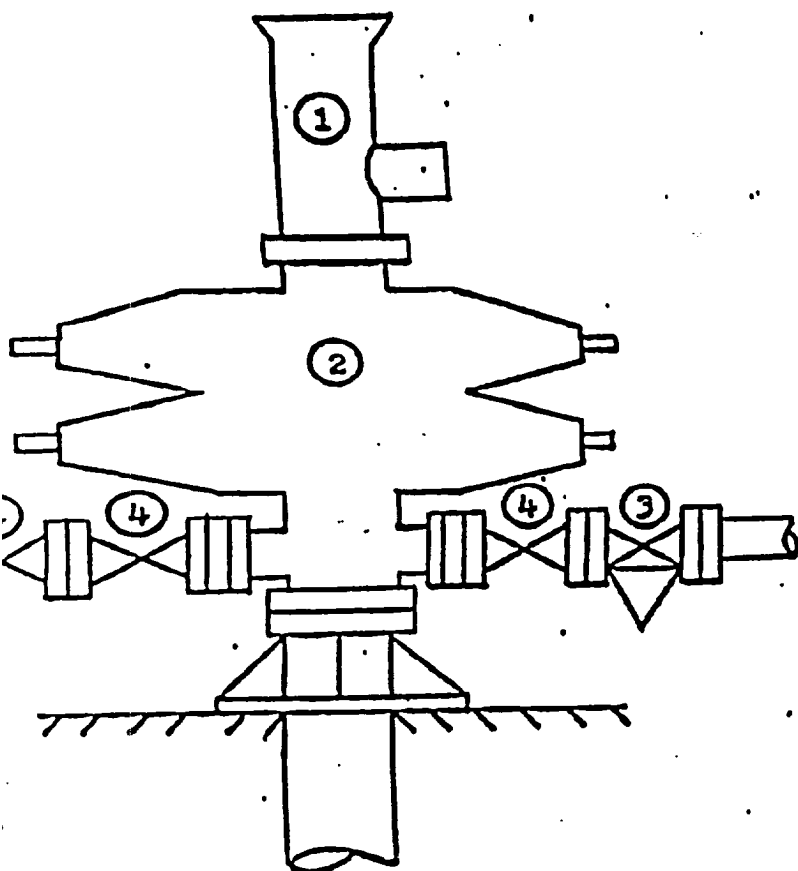
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<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> Signature Karen Allen Printed Name Secretary Title August 7, 2002 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>October 29, 2001 Date Surveyed Signature & Seal of Professional Surveyor LVA  W.O. Num. 2001-0883-S Certificate No. MACON McDONALD 12185</p>
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Blowout Preventer Schematic

- ① Bell Nipple Fill Up & Flow Line
- ② 10" - 900 Series Cameron Double-Hydraulic BOP (by contractor)
- ③ 2" - 3000# Hydraulic Gates (by contractor)
- ④ 2" - 3000# Manual Gates (by contractor)



ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

ELF

11/20/02