

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
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
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 MANZANO OIL CORPORATION PO BOX 2107 ROSWELL, NM 88202-2107		² OGRID Number 013954
³ Property Code 27845	⁵ Property Name RUM POINT STATE	⁴ API Number 30 - 025-36590
		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
H	2	14 S	37 E		1650	NORTH	500	EAST	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 KING, WOLFCAMP					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 3838
¹⁶ Multiple N	¹⁷ Proposed Depth 10400	¹⁸ Formation CISCO-CANYON	¹⁹ Contractor PATRIOT	²⁰ Spud Date 2/24/04

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated LOC
17 1/2"	13 3/8"	48# H40	390'	390sx	SURFACE
11"	8 5/8"	24# & 32#	4600'	1200sx	SURFACE
7 7/8"	5 1/2"	17#	10400	750sx	4600'

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 17.5" hole to 390', Set 13 3/8" 48#/ft casing to TD w/sufficient cement to circulate (estimate 375sx) - NU 3000# BOP & test to 500# - Drill 11" hole to 4600', Set 2500' 8 5/8" 32#/ft + 2100' 8 5/8" 24#/ft casing & cement w/sufficient cement to circulate (Est 1200sx) - NU 3000# BOPE & test to 1500# - Drill 7 7/8" hole to TD - Run 5 1/2" 17# to TD - Cement w/sufficient cement to tie into 8 5/8" casing

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.		OIL CONSERVATION DIVISION	
Signature: <i>Mike Hanagan</i>		Approved by: <i>[Signature]</i>	
Printed name: Mike Hanagan		Title: PETROLEUM ENGINEER	
Title: Managing Member		Approval Date: FEB 24 2004	Expiration Date:
E-mail Address: mhanagan@dfn.com			
Date: 2/23/04	Phone: 505-623-1996	Conditions of Approval: Attached <input type="checkbox"/>	

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 AFI Number 3D-025-36590		2 Pool Code 36100		3 Pool Name KING, WOLF CAMP	
4 Property Code 27845		5 Property Name RUM POINT STATE			6 Well Number 2
7 OGRID No. 013954		8 Operator Name MANZANO LLC OIL CORPORATION			9 Elevation 3838


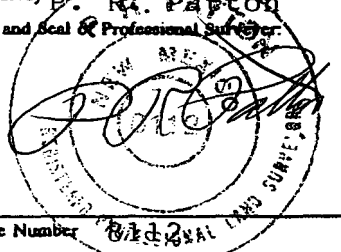
10 Surface Location

UL or lot no. H	Section 2	Township 14 S	Range 37 E	Lot Idn	Feet from the 1650	North/South line North	Feet from the 500	East/West line EAST	County LEA
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11 Bottom Hole Location If Different From Surface

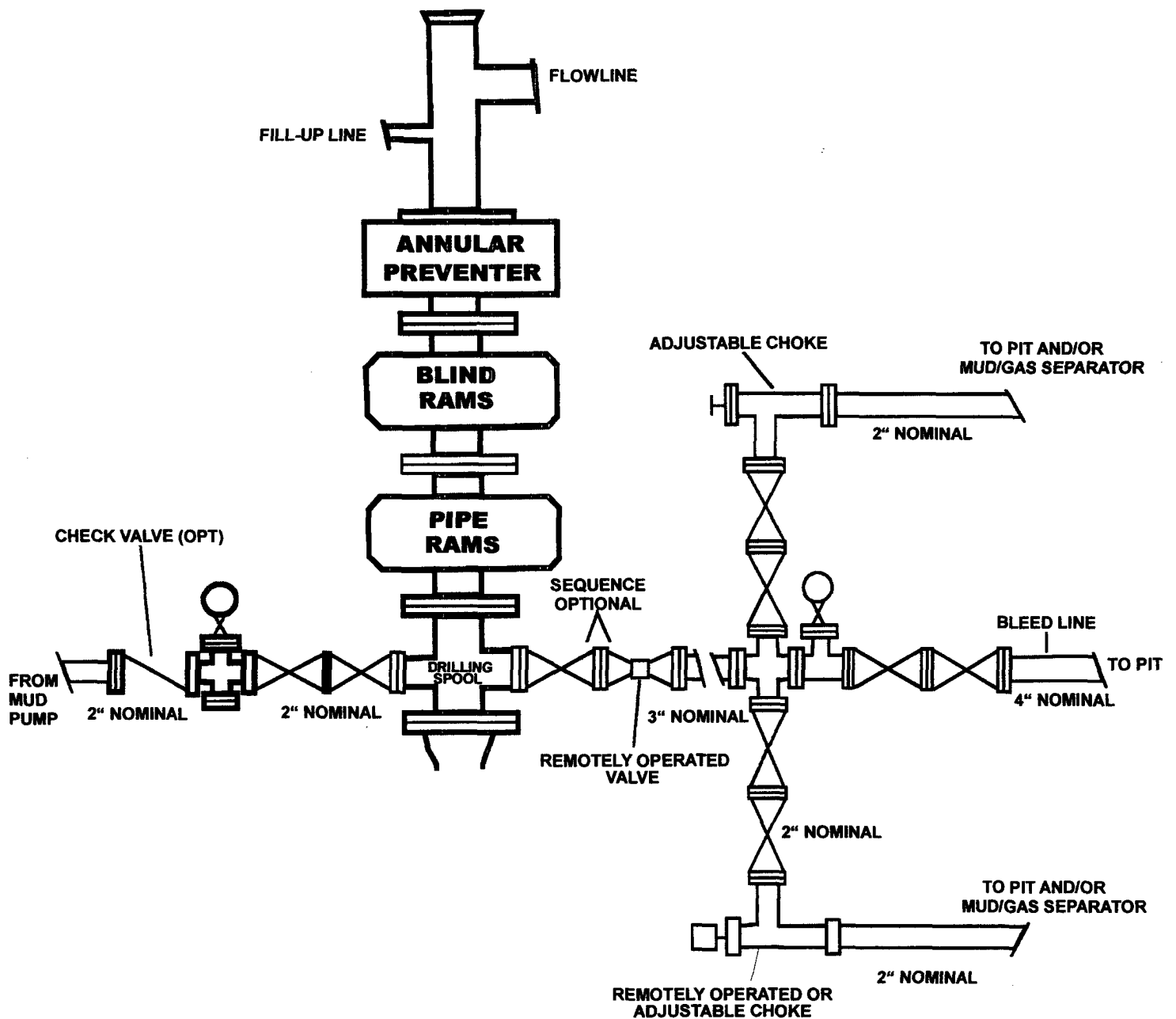
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 40		13 Joint or Infill N		14 Consolidation Code		15 Order No.			

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

16					1650'	500'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature MIKE HANGAN Printed Name MANAGING MEMBER Title 2/23/04 Date
							18 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. February 17, 2004 Date of Survey P. R. Patton Signature and Seal of Professional Surveyor  Certificate Number 812281

MANZANO RUM POINT STATE #2

BOP DIAGRAM 3000# SYSTEM



Manzano, LLC

P.O. Box 2107

Roswell, New Mexico 88202-2107

(505) 623-1996

February 23, 2004

New Mexico Oil Conservation Division – District 2
1625 N. French
Hobbs, NM 88240

RE: Application For Permit To Drill (C-101)
H2S Rule Compliance
Rum Point State #2
Section 2 – T14S – R37E
Lea County, NM

A search of our drilling records from the immediate area of this well indicate that H2S has not been encountered during previous drilling in this area. In addition, conversations with our pumper indicate that H2S has not been a problem during the production phase of wells in the immediate area. However, as a safety precaution we do intend to install a standard H2S safety package consisting of measurement and alarm devices as well as air packs.

It is my understanding of the H2S rule (19.15.3.118) that a H2S Contingency Plan is only required if the proposed operation involves potentially hazardous volumes of H2S. As we do not anticipate the presence of any dangerous levels of H2S, we respectfully request that you approve the Application For Permit To Drill for the above referenced well without a H2S Contingency Plan.

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Hanagan", with a long horizontal line extending to the right.

Mike Hanagan, Managing Member