

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-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

Operator Name and Address. Raptor Resources, Inc. 901 Rio Grande Austin, Tx. 78701		OGRID No_ 162791
		API Number 30 - 025 - 35556
Property Code 24669	Property Name State A A/C 1	Well No. 131

' Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	9	23S	36E		1980	South	660	East	Lea

s 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
Proposed Pool 1 Langlie Mattix 7 Rvrs-Q-Grayburg (37240)					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease type Code S	14 Ground Level Elevation 3431'
16 Multiple	17 Proposed Depth 4100'	18 Formation 7 Rvrs-Qn-Gb	19 Contractor	20 Spud Date ASAP

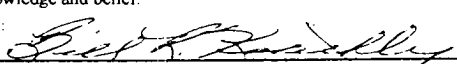
21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	600'	240 sx	SURFACE
7 7/8"	5 1/2"	15.5#	4100'	490 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.

1. Well Location & Acreage Dedication Plat (C-102)
2. Proposed Well Plan
3. Cementing Program
4. BOP/Choke Diagram

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: 		OIL CONSERVATION DIVISION	
Printed name: Bill R. Keathly		Approved by:	
Title: R regulatory Agent for Raptor		Title:	
Date: 5/14/01		Approval Date:	Expiration Date:
Phone: (915) 697-1609		Conditions of Approval: Attached	



Well Name: State "A" A/C 1 # 131

Location: 1980' FSL & 660' FEL, Sec 9, T 23S, R 36E, (I) Lea County

Casing Program:

Surface: 8 5/8" Casing in 12 1/4" Hole at 600 ft.

Production: 5 1/2" casing in 7 7/8" Hole at 4100 ft.

Cementing Program:

Surface:

Lead: 140 sacks Class C Mixed at 11.8 PPG

Additives: 2% CACL2 + 0.25 pps Cello-Flake = 6% Bentonite.

Tail: 100 sacks Class C Mixed at 14.8 ppg

Additives: 2% CACL2

Production:

Lead: 390 sacks Class C Mixed at 12.4 ppg

Additives: 35:65 Poz (Fly Ash) = 5% CACL2 + 6% Bentonite

Tail: 100 sacks Class C Mixed at 14.8 ppg

Additives: 3% Potassium Chloride + 2% CD-32 + 0.6% FL-62

Proposed Well Plan
State "A" A/C 1, Well # 131
1980' FSL & 660' FEL, Sec. 9, T 23S, R 36E, Unit Ltr 'I', Lea Co.

1. Drill 12 ¼" hole from surface to 600'.
2. Run 8 5/8" 24# casing to 600' cement W/ 240 sx cement with additives to Surface.
3. Drill 7 7/8" hole to 4100'.
4. Run 5 ½" 15.5# casing to 4100' cement W/ 490 sx cement with additives to surface.
5. Perforate the Queen from 3710' to 4000'.
6. Acid and Frac treatment will be determined after looking at the Logs.
7. Complete and put on production.

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0710

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

DISPATCH III
1000 Rio Brasos Rd., Aztec, NM 87410

DIRECTORY IV
2040 South Pacheco, Santa Fe, NM 87506

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35556	Pool Code 37240	Pool Name Langlie Matlix 7Rurs-G-Grayburg
Property Code 24669	Property Name STATE A A/C 1	Well Number 131
OGED No. 162771	Operator Name RAPTOR RESOURCES, INC.	Elevation 3431

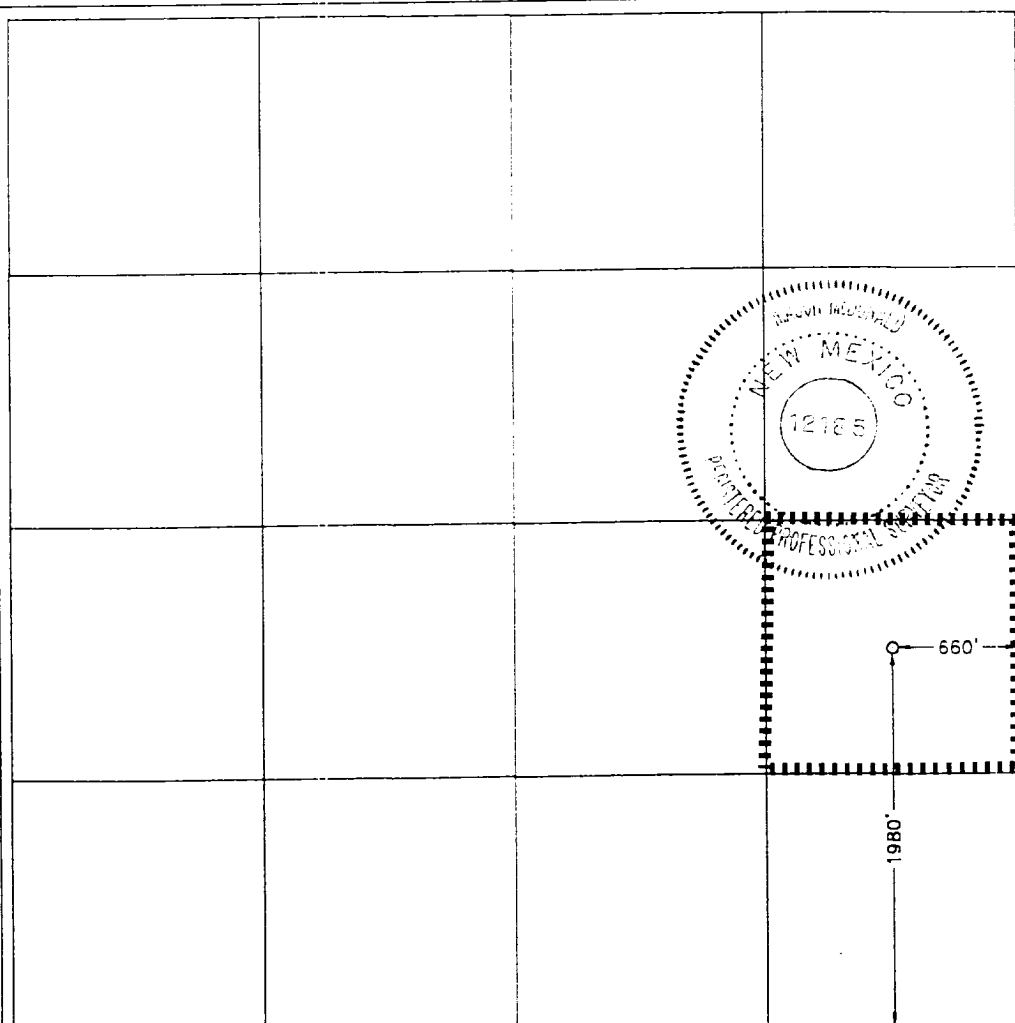
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	9	23 S	36 E		1980	SOUTH	660	EAST	LEA

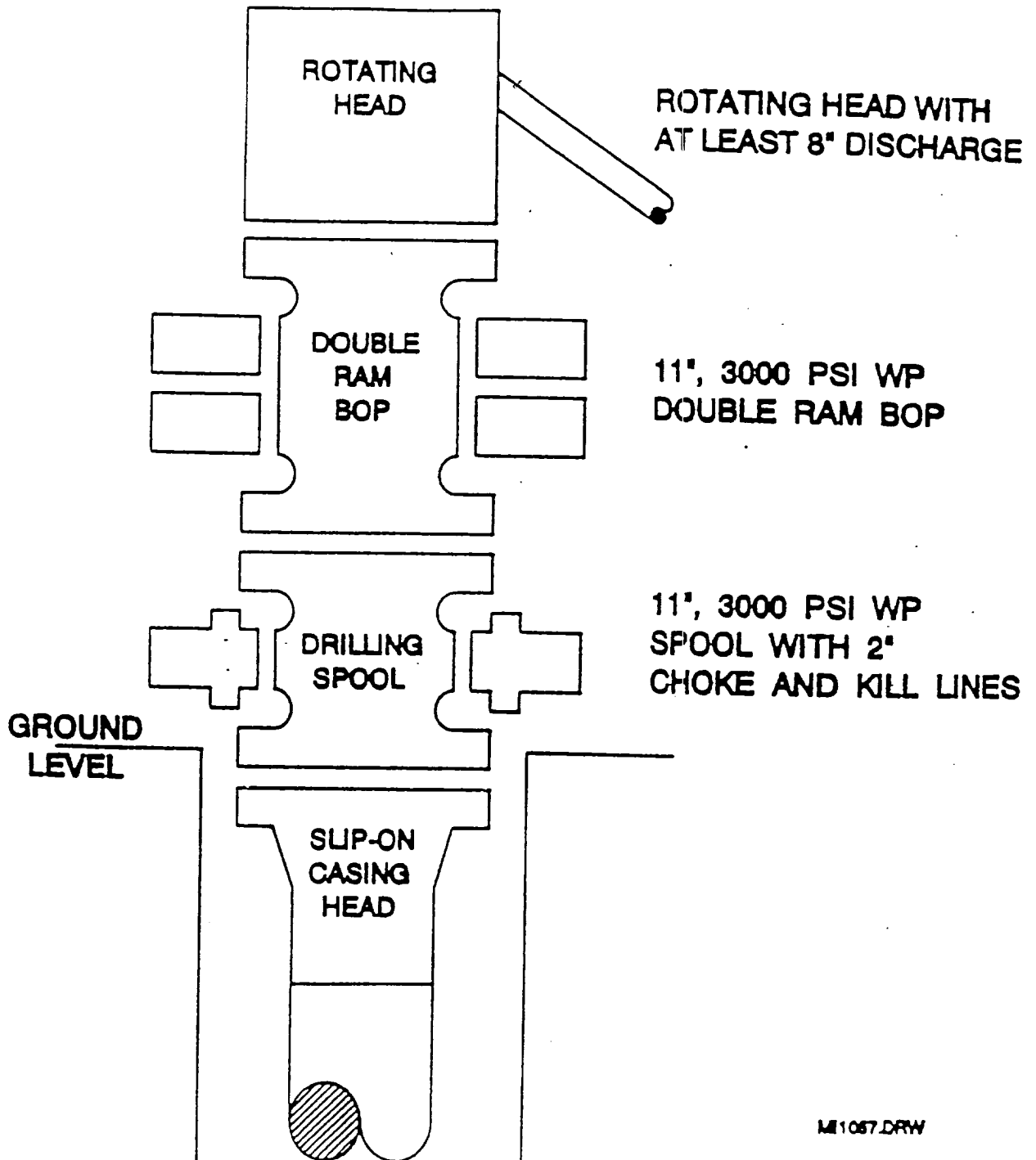
Bottom Hole Location If Different From Surface

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.					

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

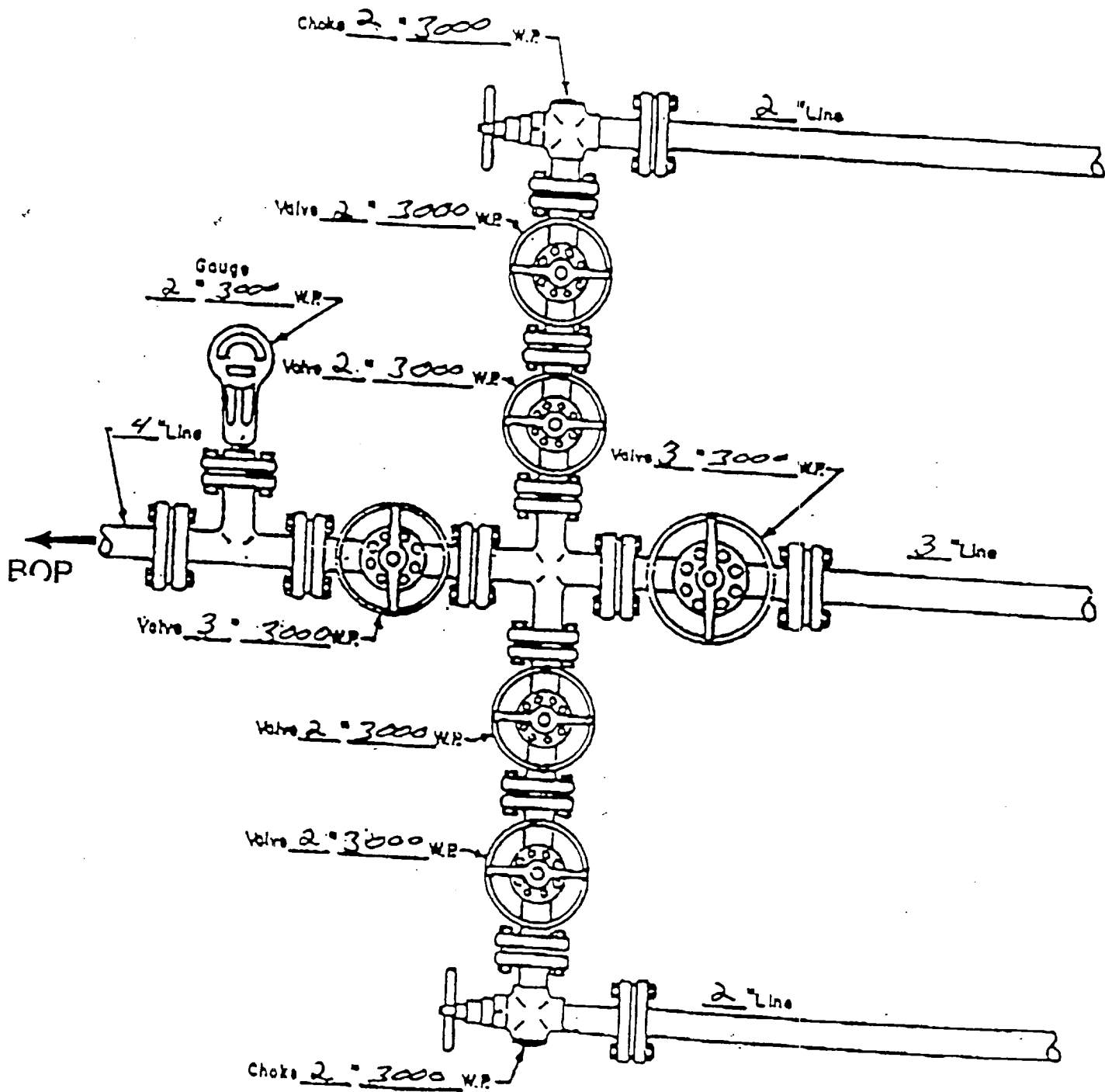
	<p style="text-align: center;">OPERATOR CERTIFICATION</p> <p>I hereby certify the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u><i>Bill R. Keathly</i></u> Signature</p> <p><u>Bill R. Keathly</u> Printed Name</p> <p><u>Regulatory Agent</u> Title</p> <p><u>5-14-01</u> Date</p>
	<p style="text-align: center;">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 style="text-align: right;">January 24, 2001</p>
	<p>Date Surveyed _____ LVA</p> <p>Signature & Seal of Professional Surveyor</p> <p style="text-align: center;"><u><i>Mac</i></u></p>
	<p>W.O. Num. 2001-0044-S</p> <p>Certificate No. MACON McDONALD 12185</p>

BOP SPECIFICATIONS



M1057.DRW

CHOKE MANIFOLD DIAGRAM



MANIFOLD
3000 W.P.

- ☒ Manual
- ☐ Hydraulic