

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
Property Name State A A/C 2		API Number 30 - 025-35567
Property Code 24671	Well No. 80	

' Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	11	22S	36E		1980	North	1980	West	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 Eunice: Seven Rivers-Queen, South (24130)					Proposed Pool 2				

Work Type Code N 16 Multiple	Well Type Code O 17 Proposed Depth 4000'	Cable/Rotary R 18 Formation Queen/7 Rvrs	Lease type Code S 19 Contractor	14 Ground Level Elevation 3546' 20 Spud Date 6/1/01
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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#	4000'	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: <i>Bill R. Keathly</i>		OIL CONSERVATION DIVISION	
Printed name: Bill R. Keathly		Approved by:	
Title: R regulatory Agent for Raptor		Title:	
Date: 5/24/01	Phone: (915) 697-1609	Approval Date:	Expiration Date:
		Conditions of Approval: Attached	

5
C
A

MP

Proposed Well Plan
State "A" A/C 2, Well # 80
1980' FNL & 1980' FWL, Sec. 11, T 22S, R 36E, Unit Ltr 'F', Lea Co.

1. Drill 12 1/4" 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 4000'.
4. Run 5 1/2" 15.5# casing to 4000' cement W/ 490 sx cement with additives to surface.
5. Perforate the Queen from 3620' to 3820'.
6. Acid and Frac treatment will be determined after looking at the Logs.
7. Complete and put on production.

Well Name: State "A" A/C 2 # 80

Location: 1980' FNL & 1980' FWL, Sec 11, T 22S, R 36E, (F) 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 4000 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

DISTRICT I
1826 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 16, 2000
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Brewer Bldg., Artesia, NM 88211-0719

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35567	Pool Code 24130	Pool Name Eunice 2 Rvs - Green, South
Property Code 24671	Property Name STATE A A/C 2	Well Number 80
OGRIID No. 162741	Operator Name RAPTOR RESOURCES, INC.	Elevation 3546

Surface Location

UL or lot No. F	Section 11	Township 22 S	Range 36 E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 1980	East/West line WEST	County LEA
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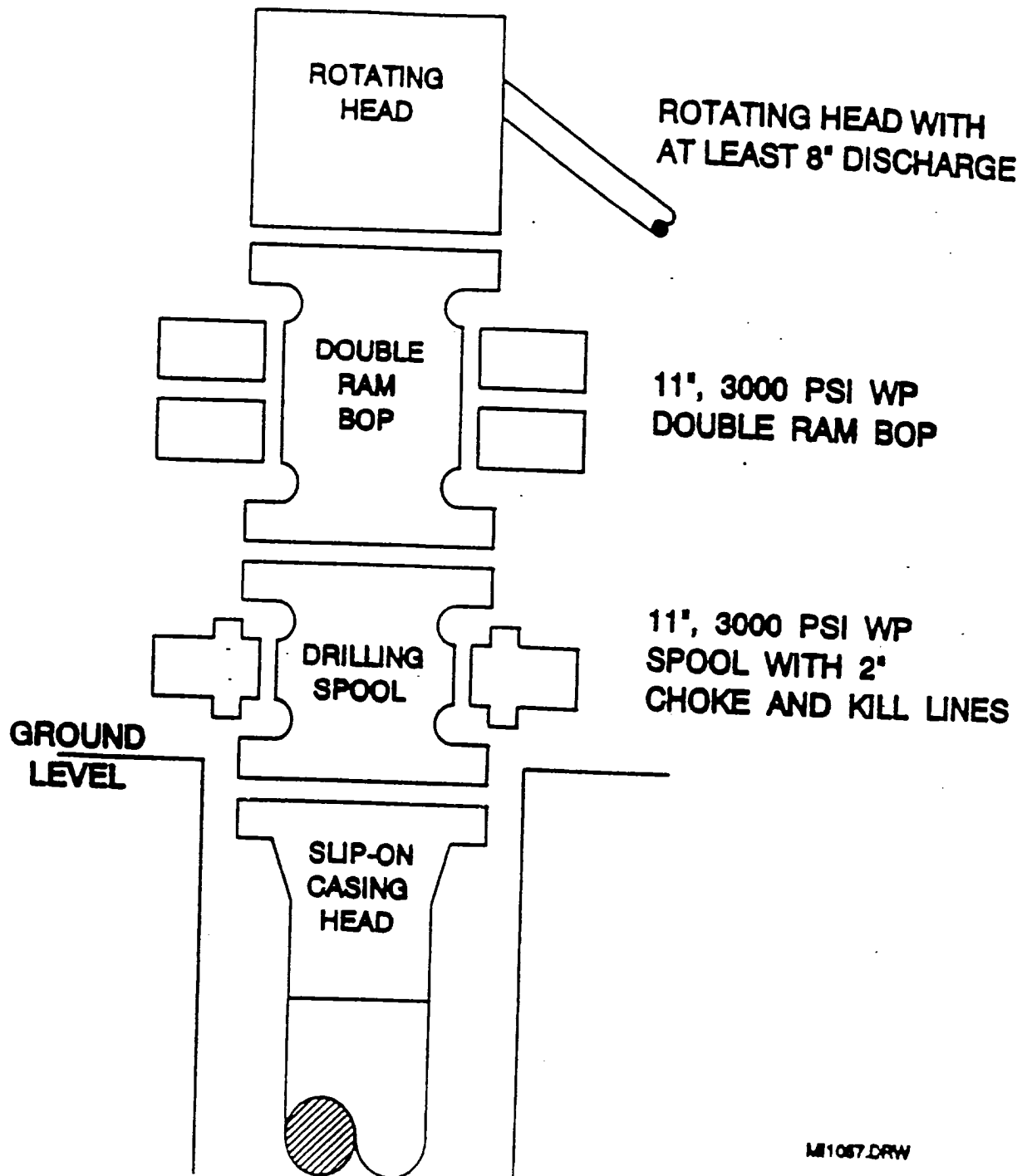
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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

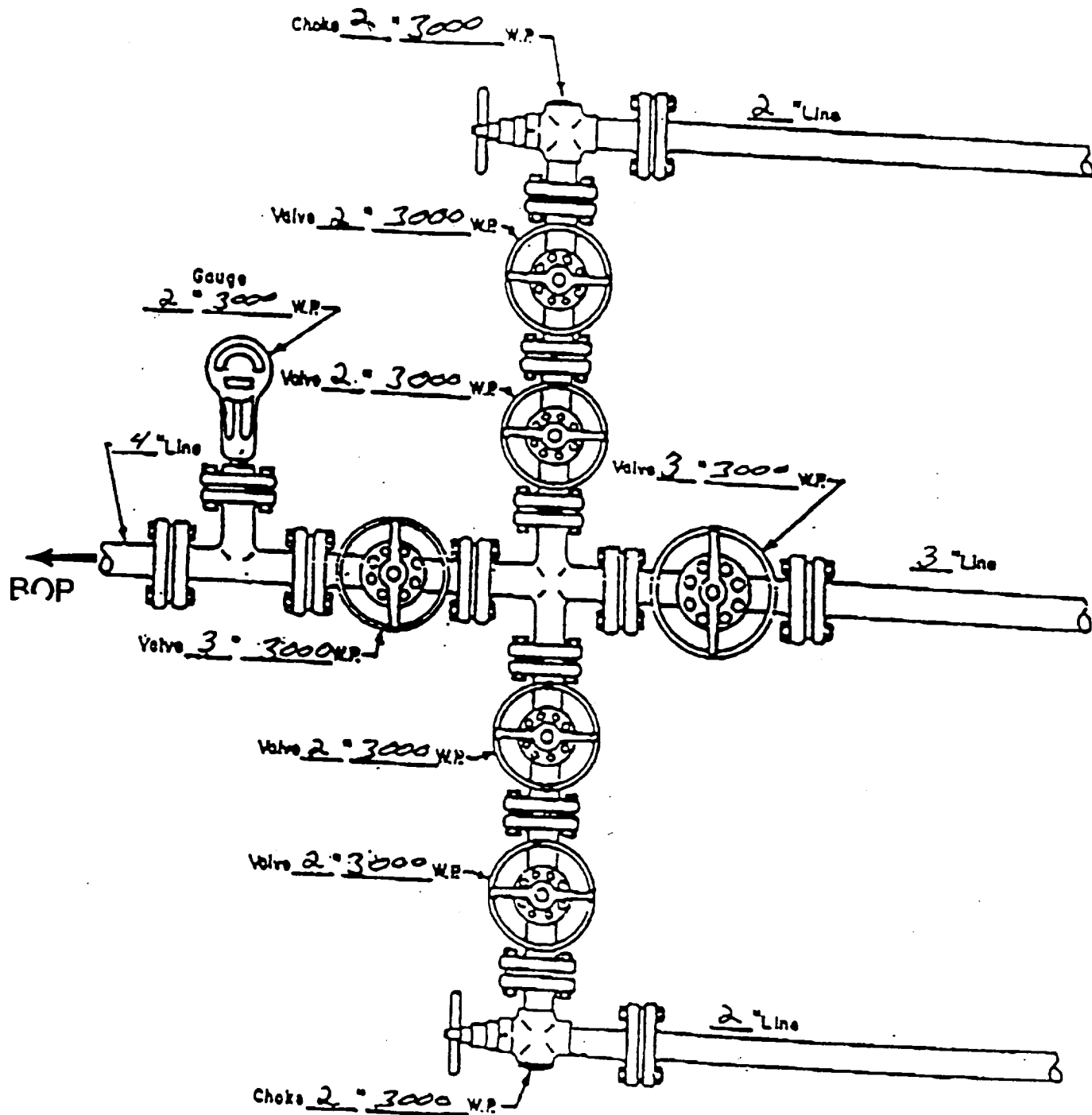
	OPERATOR CERTIFICATION	
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
	Signature B. H. R. Keathly	
	Printed Name B. H. R. Keathly	
	Title Regulatory Agent	
	Date 1-17-01	
	SURVEYOR CERTIFICATION	
	I hereby certify that the well location 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.	
	January 24, 2001	
	Date Surveyed LVA	
	Signature & Seal of Professional Surveyor W.O. Num. 2001-0046-S	
	Certificate No. MACON McDONALD 12185	

BOP SPECIFICATIONS



ME1087.DRW

CHOKE MANIFOLD DIAGRAM



MANIFOLD
3000 #W.P

- ☒ Manual
- ☐ Hydraulic