

DATE IN 6/9/00	SUSPENSE 6/29/00	ENGINEER MS	LOGGED KV	TYPE NSL(SD)
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ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

### ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

#### Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]  
 [DD-Directional Drilling] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

00 JUN -9 PM 12:40

OIL CONSERVATION DIV.

#### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling

☒ NSL ☐ NSP ☐ DD ☒ SD

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

#### [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☒ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

#### [3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

William F. Carr  
Print or Type Name

William F. Carr  
Signature

Attorney  
Title

6/9/2000  
Date

CAMPBELL, CARR, BERGE  
& SHERIDAN, P.A.  
LAWYERS

MICHAEL B. CAMPBELL  
WILLIAM F. CARR  
BRADFORD C. BERGE  
MARK F. SHERIDAN  
MICHAEL H. FELDEWERT  
ANTHONY F. MEDEIROS

JACK M. CAMPBELL  
1916-1999

JEFFERSON PLACE  
SUITE 1 - 110 NORTH GUADALUPE  
POST OFFICE BOX 2208  
SANTA FE, NEW MEXICO 87504-2208  
TELEPHONE: (505) 988-4421  
FACSIMILE: (505) 983-6043  
E-MAIL: law@westofpecos.com

June 9, 2000

**HAND-DELIVERED**

Lori Wrotenbery, Director  
Oil Conservation Division  
New Mexico Department of Energy,  
Minerals and Natural Resources  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505

Re: *Application of Raptor Resources, Inc for Administrative Approval of an unorthodox gas well location for its State "A" A/C - 1 Well No. 129 at a point 660 feet from the North and West Lines of Section 15, Township 23 South, Range 36 East, NMPM, Lea County, New Mexico.*

Dear Ms. Wrotenbery:

2130 FWL

Raptor Resources, Inc. hereby seeks administrative approval of an unorthodox gas well location for its State "A" A/C-1 Well No. 127 to be re-entered and completed in the Jalmat Gas Pool at location 660 feet from the North and West Lines (Unit D) of Section 15, Township 23 South, Range 36 East, NMPM, Lea County, New Mexico.

The State "A" A/C -1 Well No. 127 was spudded on February 21, 2000 and drilled at a standard oil well location to a depth of 3975 feet to test the Langlie Mattix Pool (Seven Rivers-Queen-Grayburg Pool. The well was not productive in this pool. Raptor now seeks authority to plug back and recomplete this well up-hole in the Jalmat Gas Pool and to simultaneously dedicated this well and the existing wells thereon to the previously approved non-standard spacing and proration unit comprised of the NW/4 of Section 14 and the N/2 of Section 15, Township 23 South, Range 23 East, NMPM, Lea County, New Mexico.

This GPU was established by Division Order No. R-9073, dated December 14, 1989 [Paragraph No. 12 of exhibit "A"] and had dedicated thereon the following three wells:

- (1) State "A" A/C-1 Well No. 28 (**API No. 30-025-09356**), located at a standard gas well location 1650 feet from the North and West lines (Unit F) of Section 14;
- (2) State "A" A/C-1 Well No. 31 (**API No. 30-025-10730**), located at a standard gas well location 1650 feet from the North line and 990 feet from the East Line (Unit H) of Section 14; and
- (3) State "A" A/C-1 Well No. 33 (**API No. 30-025-10727**), located at a standard gas well location 1650 feet from the North and West lines (Unit F) of Section 15.

By Division Administrative Order NSL-2730, dated December 7, 1989, as amended by order dated September 25, 1990, another well for this GPU, the State "A" A/C-1 Well No. 82 (**API No. 30-025-10723**), located at an unorthodox gas well location 660 feet from the North line and 1980 feet from the East line (Unit B) of Section 15 was also approved.

By Division Administrative Order NSL-2730-A, dated September 25, 1990, another well for this GPU, the State "A" A/C-1 Well No. 102 (**API No. 30-025-20971**), located at an unorthodox gas well location 660 feet from the North and West lines (Unit D) of Section 15 was also approved.

By Division Administrative Order NSL-2730-B, dated June 26, 1991, the following three described wells located at unorthodox gas well locations were approved for this GPU:

- (1) State "A" A/C-1 Well No. 59 (**API No. 30-025-10725**), located 1980 feet from the North line and 660 feet from the West line (Unit E) of Section 15;
- (2) State "A" A/C-1 Well No. 79 (**API No. 30-025-10712**), located 1980 feet from the North line and 660 feet from the West line (Unit E) of Section 14; and

Raptor Resources, Inc.

Application for Administrative Approval of  
Unorthodox Well Locations and Simultaneous Dedication

June 9, 2000

Page 3

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- (3) State "A" A/C-1 Well No. 80 (**API No. 30-025-10724**), located 1980 feet from the North and East lines (Unit G) of Section 15.

By Division Administrative Order NSL-2730-C(SD), dated October 25, 1999, the following two described wells located at unorthodox gas well locations were approved for this GPU:

- (1) State "A" A/C-1 Well No. 90 (**API No. 30-025-10722**), located 660 feet from the North line and 990 feet from the East line (Unit A) of Section 15; and
- (2) State "A" A/C-1 Well No. 91 (**API No. 30-025-10721**), located 660 feet from the North line and 2310 feet from the West line (Unit C) of Section 15.

The Jalmat Gas Pool is governed by Special Pool Rules and Regulations. These rules, promulgated by Division order No. R-8170, provide for wells located on 480-acre spacing units to be located no closer than 990 feet from the outer boundary of GPU.

Attached hereto as Exhibit A is a plat which shows the subject 480-acre spacing unit comprised of the NW/4 of Section 14 and the N/2 of Section 15 and the operators of offsetting tracts which are not operated by Raptor. Exhibit B is a copy of Oil Conservation Division Form C-102 which shows the location of the proposed unorthodox well location and all other wells currently dedicated to this non-standard spacing and proration unit.

Exhibit D lists the parties affected by this application. A copy of this application, including a copy of the plat described above has been sent to these affected parties by certified mail-return receipt requested in accordance with Rule 1207 (A)(5) advising them that if they have an objection to this application it must be filed in writing within twenty days from the date this notice was sent.

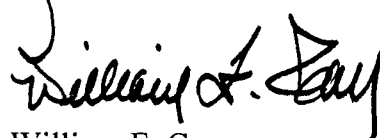
Raptor Resources, Inc.  
Application for Administrative Approval of  
Unorthodox Well Locations and Simultaneous Dedication  
June 9, 2000  
Page 4

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A draft order in hard copy and computer disc, approving this application is enclosed for your consideration.

Your attention to this application is appreciated.

Very truly yours,

A handwritten signature in black ink, appearing to read "William F. Carr". The signature is stylized with a large initial "W" and a cursive "F".

William F. Carr  
Attorney for Raptor Resources, Inc.

WFC/md

Enclosures

cc: Bill Keathly  
Regulatory Agent for Raptor Resources, Inc.  
105 South Fourth Street

Oil Conservation Division-Hobbs

Arch Petre





District I  
1625 N. French Dr., Hobbs. NM 88240

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 21, 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

API Number 30-025-34877	2 Pool Code 79240	3 Pool Name Jalmat: Tan-Yates-7 rvrs (Pro Gas)
4 Property Code 24669	5 Property Name State "A" A/C 1	6 Well Number 129
7 OGRID No. 162791	8 Operator Name Raptor Resources	9 Elevation 3420

10 Surface Location

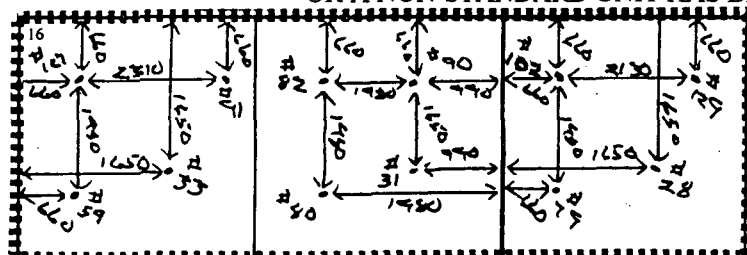
UL or lot no. C	Section 14	Township 23S	Range 36E	Lot Idn	Feet from the 660	North/South line North	Feet from the 2130	East/West line West	County Lea
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres 480	13 Joint or Infill	14 Consolidation Code	15 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



Section 15

Section 14

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

*Bill R. Keathly*

Signature

Bill R. Keathly

Printed Name

Regulatory Agent

Title

4-24-00

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.

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number

## EXHIBIT C

State "A" A/C - 1 Well Nos. 127 and 129

480- acre Non-Standard Jalmat Gas Pool Spacing and Proration Unit

Township 23 South, Range 36 East, N.M.P.M.

Section 14: NW/4 and Section 15: N/2

WELL NAME	Well No	Status	API No.	Sec/Twp/Rg/UL	Footage from Lease
State "A" A/C 1	102	P	30-025-20971	14 23S 36 E D	660' FNL & 660' FWL
State "A" A/C 1	79	P	30-025-10712	14 23S 36 E E	1980' FNL & 660' FWL
State "A" A/C 1	28	P	30-025-09356	14 23S 36 E F	1650' FNL & 1650' FWL
State "A" A/C 1	129	P	30-025-24877	14 23S 36 E C	660' FNL & 2130' FWL
State "A" A/C 1	90	P	30-025-10722	15 23S 36 E A	660' FNL & 990' FEL
State "A" A/C 1	82	P	30-025-10723	15 23S 36 E B	660' FNL & 1980' FEL
State "A" A/C 1	91	P	30-025-10721	15 23S 36 E C	660' FNL & 2310' FWL
State "A" A/C 1	59	P	30-025-10725	15 23S 36 E E	1980' FNL & 660' FWL
State "A" A/C 1	33	P	30-025-10727	15 23S 36 E F	1650' FNL & 1650' FWL
State "A" A/C 1	80	P	30-025-10724	15 23S 36 E G	1980' FNL & 1980' FEL
State "A" A/C 1	31	P	30-025-10730	15 23S 36 E H	1650' FNL & 990' FEL
State "A" A/C 1	127	P	30-025-34680	15 23S 36 E D	660' FNL & 660' FWL



State "A" A/C 1 # 129  
Section 14, T-23S, R-36E, C  
API # 30-025-34877  
Lea County, New Mexico

**RE: Application for Unorthodox Location**

**Notification of Offset Operators:**

Arch Petroleum Inc.  
P.O. Box 10340  
Midland, TX 79702

Conoco Inc  
10 Desta Drive, Ste 100W  
Midland, TX 79705

Jerry W Guy & Thurman F. Duncan  
P.O. Box 755  
Hobbs, NM 88241

Primal Energy Corp  
211 Highland Cross  
Houston, TX 77073

Roca Production Inc  
P.O. Box 10139  
Midland, TX 79702

Doyle Hartman  
P.O. Box 10426  
Midland, TX 79702

Please find attached evidence that the above listed companies have been sent copies of the Non-standard location request.

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

P.O. Drawer DD, Artesia, NM 88210

DISTRICT T11  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. 30-025-34680
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name State 'A' A/C 1
8. Well No. 127
9. Pool name or Wildcat Langlie Mattix 7 Rvrs-Q-Grayburg {37240}

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:  
Oil Well ☒ Gas Well ☐ OTHER

2. Name of Operator  
Raptor Resources, Inc.

3. Address of Operator  
901 Rio Grande, Austin, TX 78701

4. Well Location  
Unit Letter D 660 Feet From The North Line and 660 Feet From The West Line  
Section 15 Township 23S Range 36E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
3420

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER <input checked="" type="checkbox"/> Spud & set Surface Casing

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

2/21/00 Spud 12 1/4" hole @ 12:30 pm. Drill to a depth of 610'. GIH W/ 13 jts 8 5/8" 24# casing set @ 610'. Cement W/ 140 sx Class" + 2% CaCl + 1/4 sx CelloFlake + 6% Bentonite gel. Tail W/ 100 sx Class 'C' + 2% CaCl, circulate 34 sks to pit. WOC  
Continue drilling 7 7/8" hole to total depth.

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

SIGNATURE Bill R. Keathly TITLE Regulatory Agent for Raptor DATE 2/29/00

TYPE OR PRINT NAME Bill R. Keathly TELEPHONE NO. 915-697-1609

(this space for State Use)

APPROVED BY Chris Williams TITLE DISTRICT 1 SUPERVISOR DATE MAR 13 2000

CONITIONS OF APPROVAL, IF ANY:

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

P.O. Drawer DD, Artesia, NM 88210

DISTRICT II  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO.	30-025-34680
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	State 'A' A/C 1
8. Well No.	127
9. Pool name or Wildcat	Langlie Mattix 7 Rvrs-Q-Grayburg (37240)

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> OTHER	
2. Name of Operator Raptor Resources, Inc.	
3. Address of Operator 901 Rio Grande, Austin, TX 78701	
4. Well Location Unit Letter <u>D</u> <u>660</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>West</u> Line Section <u>15</u> Township <u>23S</u> Range <u>36E</u> NMPM <u>Lea</u> County	
10. Elevaon (Show whether DF, RKB, RT, GR, etc.) 3420	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER <input checked="" type="checkbox"/> Set Production Csg

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

2-29-00 Drill 7 7/8" hole to total depth of 3975'. GIH W/ 90 jts 5 1/2" 15.5# casing set @ 3975'. Cement csg W/ 650 sx Class 'C' 50/50 POZ W/ 5% NaCl + 10% Bentonite gel + 1/4E sx Cello Flake. Tail cement 300 sx Class 'C' 50/50 POZ + .2% CD-32 + .6% FL-62 + 2% Bentonite gel, circulated 147 sx. Plug down @ 2:45 pm on 2-29-00.

3-1-00 Release Rig. Waiting on completion unit.

12. I hereby certify that the information above is true and complete to the best of my knowledge and belief.			
SIGNATURE <u>Bill R. Keathly</u>	TITLE <u>Regulatory Agent for Raptor</u>	DATE <u>2/29/00</u>	
TYPE OR PRINT NAME <u>Bill R. Keathly</u>		TELEPHONE NO. <u>915-697-1609</u>	

(this space for State Use)	
APPROVED BY <u>Chris Williams</u>	DISTRICT 1 SUPERVISOR
CONDITIONS OF APPROVAL, IF ANY:	DATE <u>MAR 20 2000</u>

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. P.O. Box 160430 Austin, Tx. 78716-0430		OGRID No. 162791
		API Number 30-025-34680
Property Code 24669	Property Name State 'A' A/C 1	Well No. 127

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	23S	36E		660	North	660	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 Langlie Mattix 7 Rvrs-Q-Grayburg {37240}	Proposed Pool 2
---	-----------------

" Work Type Code	" Well Type Code	" Cable/Rotary	" Lease type Code	14 Ground Level Elevation
N 16 Multiple	O 17 Proposed Depth 3900'	R 18 Formation Queen	S 19 Contractor Capstar Drlg.	3420 20 Spud Date 9-1-99

siing and Cement Program

Inside Langlie Mattix 7 Rvrs-Q-GB	Foot	Setting Depth	Sacks of Cement	Estimated TOC
		600'	240	Surface
		3900'	490	Surface

UG BACK give the data on the present productive zone and proposed new productive sheets if necrsary.

De  
zo

Standard Location

1 OPER. OGRID NO. 162791

2 PROPERTY NO. 24669

3 POOL CODE 37240

4 EFF. DATE 8-24-99

API NO. 30-025-34680

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

23 I hereby cenify that the information given above is true and complate to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <u>Bill R. Keathly</u>		Approved by: <u>Chris Williams</u>	
Printed name: Bill R. Keathly		Title: DISTRICT 1 SUPERVISOR	
Title: R egulatory Agent for Raptor		Approval Date: <u>AUG 26 1999</u> Expiration Date:	
Date: 8-19-99	Phone: (915) 697-1609	Conditions of Approval: Attached	

DISTRICT I  
P.O. Box 1988, Hobbs, NM 88241-1988

DISTRICT II  
P.O. Drawer 88, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34680	Pool Code 37240	Pool Name Langlie Mathis 7 Rvs. & Grayburg
Property Code 24667	Property Name STATE "A" A/C 1	Well Number 127
OGRID No. 162791	Operator Name RAPTOR RESOURCES INC.	Elevation 3420

Surface Location

UL or lot No. D	Section 15	Township 23 S	Range 36 E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 660	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

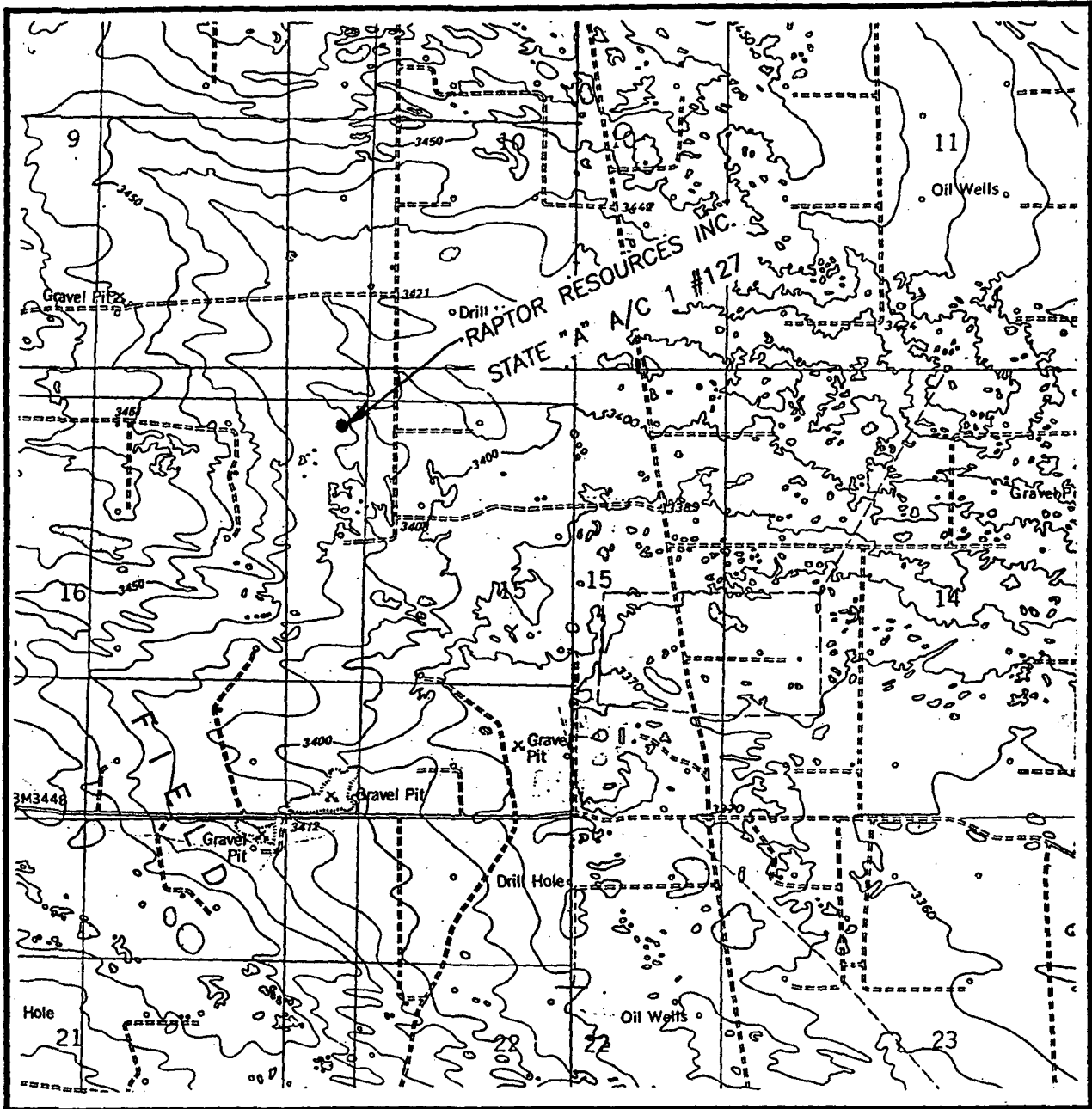
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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

					<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  <u>Bill R. Keathly</u> Signature <u>Bill R. Keathly</u> Printed Name <u>Regulatory Agent - Raptor</u> Title <u>8-19-99</u> Date	
					<b>SURVEYOR CERTIFICATION</b>  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.  JUNE 11, 1999 Date Surveyed <u>Ronald E. Eidson</u> Signature <u>Ronald E. Eidson</u> Printed Name <u>Professional Surveyor</u> Title <u>NEW MEXICO</u> State <u>13289</u> No. <u>99-18-0510</u> New O. Num <u>6-30-99</u> Date <u>Ronald E. Eidson</u> Cert. State No. <u>12841</u> No. <u>McDonald</u> Professional	

(505) 393-3117

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 10'

SEC. 15 TWP. 23-S RGE. 36-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 660' FNL & 660' FWL

ELEVATION 3420'

OPERATOR RAPTOR RESOURCES INC.

LEASE STATE "A" A/C 1

**JOHN WEST SURVEYING  
HOBBS, NEW MEXICO**

**(505) 393-3117**

U.S.G.S. TOPOGRAPHIC MAP  
EAST LAKE, & RATTLESNAKE CANYON, N.M.



**Proposed Well Plan**

**State "A" A/C 1, Well # 127**

**660' FNL & 660' FWL, Sec. 15, T 23S, R 36E, Unit Ltr 'D', 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 3900'.
4. Run 5 ½" 15.5# casing to 3400' cement W/ 490 sx cement with additives to surface.
5. Perforate the Queen formation from 3600' to 3890'
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 1 # 127

**Location:** 660' FNL & 660' FWL, Sec. 15, T 23S, R 36E, Unit Ltr 'D', Lea County, New Mexico

**Casing Program:**

**Surface:**

Lead: 140 sacks Class C Mixed at 11.8 ppg

Additives: 2% CACL2 + 0.25 pps Cello-Flakes + 6% Bentonite

Tail: 100 sacks Class C Mixed at 14.8 ppg

Additives: 2% CACL2

**Production**

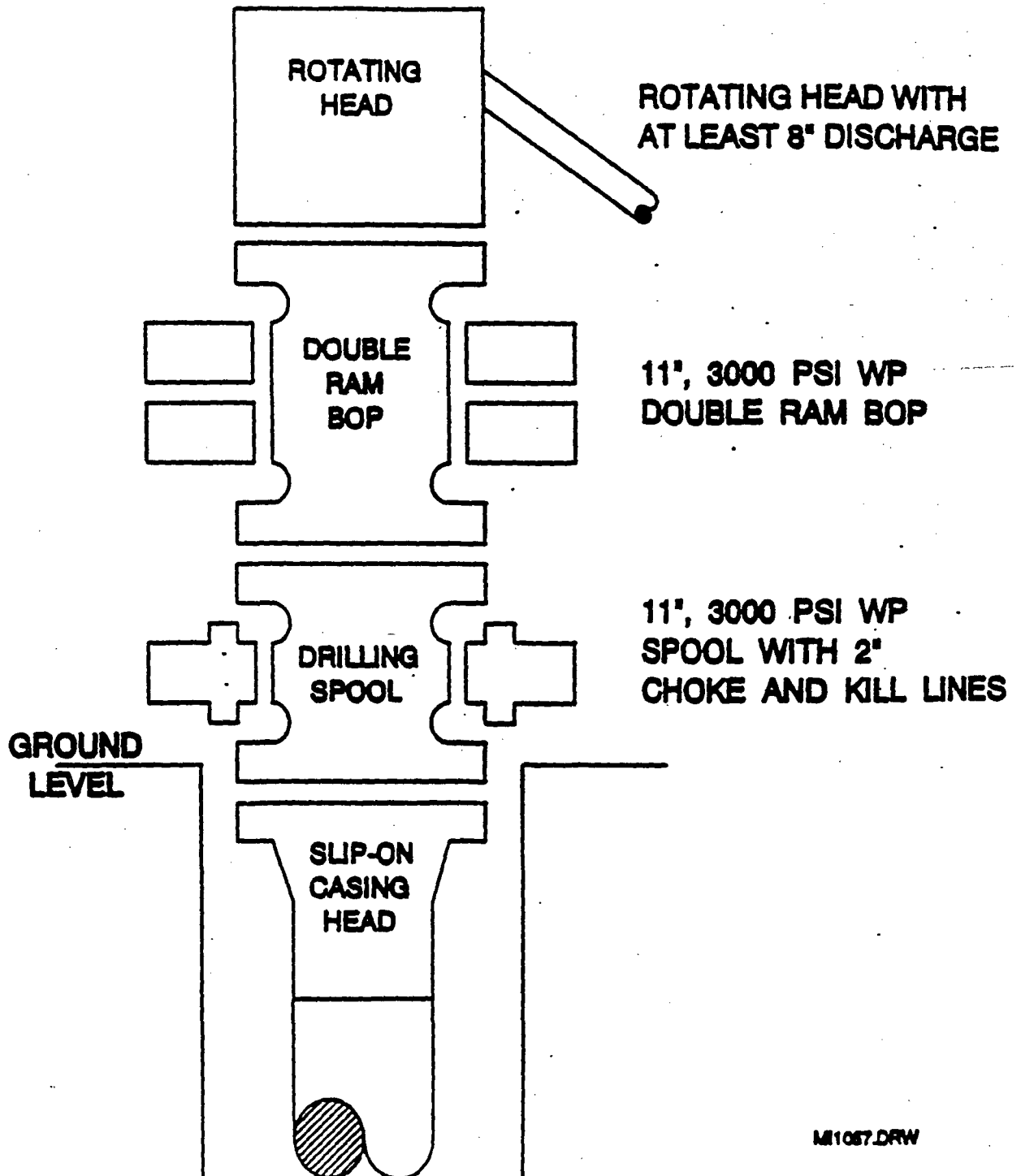
Lead: 390 sacks Class C Mixed at 12.4 ppg

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

Tail: 100 sacks Class C Mixed at 14.8 ppg

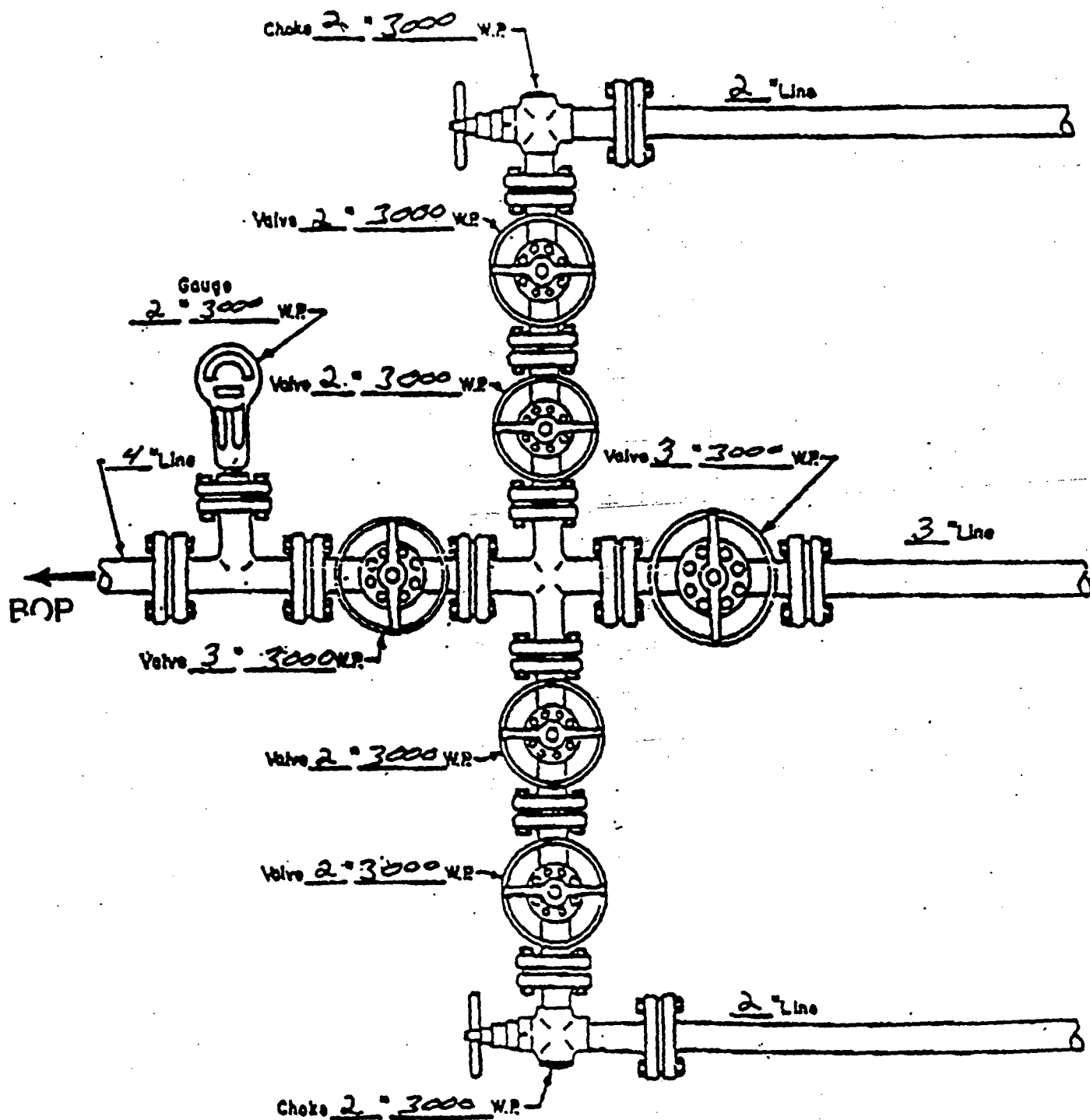
Additives: 3% Potassium Chloride + 2% CD-32 + 0.6% FL-62

# BOP SPECIFICATIONS



M11057.DRW

# CHOKE MANIFOLD DIAGRAM



MANIFOLD  
3000 #W.P.

- ☒ Manual
- ☐ Hydraulic