DATE N 6/8/00 SUSPERSE 6/28/00 DEGINER MS 1,000ED W 179E NSL(SD)

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] **TYPE OF APPLICATION -** Check Those Which Apply for [A] [1] Location - Spacing Unit - Directional Drilling ☐ NSP Check One Only for [B] and [C] Commingling - Storage - Measurement [B]☐ DHC ☐ CTB □ PLC □ PC □ OLS □ OLM Injection - Disposal - Pressure Increase - Enhanced Oil Recovery [C]□ WFX \square PMX □ SWD ☐ IPI ☐ EOR ☐ PPR **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or \square Does Not Apply [2] Working, Royalty or Overriding Royalty Interest Owners [B]☐ Offset Operators, Leaseholders or Surface Owner [C]Application is One Which Requires Published Legal Notice ☐ Notification and/or Concurrent Approval by BLM or SLO [D][E]☐ For all of the above, Proof of Notification or Publication is Attached, and/or, ☐ Waivers are Attached [F] [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

Signature

Attorney

6/8/00

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

JEFFERSON PLACE

SUITE I - 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 8, 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

01L 00.00 PM 1: 21

Re: Application of Raptor Resources, Inc for Administrative Approval of an unorthodox gas well location for its State "A" A/C-3 Well No. 14 at a point 660 feet from the South line and 1980 feet from the East line of Section 10, Township 23 South, Range 36 East, NMPM, and simultaneous dedication of this well and other existing wells to a previously approved 320-acre non-standard Jalmat gas spacing and proration unit, Lea County, New Mexico.

Dear Ms. Wrotenbery:

Raptor Resources, Inc. hereby seeks administrative approval of an unorthodox gas well location for its State "A" A/C-3 Well No. 14 to be re-entered and completed in the Jalmat Gas Pool at location 660 feet from the South line and 1980 feet from the East line (Unit O) of Section 10, Township 23 South, Range 36 East, NMPM, Lea County, New Mexico.

The State "A" A/C 3 Well No. 14 was spudded on December 21, 1999, and drilled at a standard oil well location to a depth of 3865 feet to test the Langlie Mattix Pool (Seven Rivers-Queen-Grayburg). 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 (Tansill-Yates-Seven Rivers) and to simultaneously dedicated this well and the existing wells thereon to the previously approved non-standard 320-acre spacing and proration unit comprised of

Raptor Resources, Inc.
Application for Administrative Approval of
Unorthodox Well Locations and Simultaneous Dedication
June 8, 2000
Page 2

the E/2 of Section 10, Township 23 South, Range 36 East, NMPM, Lea County, New Mexico.

This GPU was initially established by Division Order No. R-9073, issued in Case No. 9775, dated December 14, 1989 [Paragraph No. 9 of Exhibit "A"] and had dedicated thereon the following two wells:

- (1) State "A" A/C-3 Well No. 1 (API No. 30-025-09299), located at an unorthodox gas well location 990 feet from the North and East lines (Unit A) of Section 10; and
- (2) State "A" A/C-3 Well No. 2 (API No. 30-025-09289), located at an unorthodox gas well location 1650 feet from the South line and 990 feet from the East line (Unit I) of Section 10.

By Division Administrative Order NSL-2873, dated September 25, 1990, another well for this GPU, the State "A" A/C-3 Well No. 8 (API No. 30-025-20245), located at an unorthodox gas well location 660 feet from the South and East lines (Unit P) of Section 10 was approved. Authorization was also given in said administrative order to simultaneously dedicate Jalmat Gas production from the State "A" A/C-3 Well Nos. 1, 2 and 8 to the subject GPU.

By Division Administrative Order NSL-2873-A, dated January 18, 1991, the following three described wells located at unorthodox gas well locations were approved for this GPU:

- (1) State "A" A/C-3 Well No. 4 (API No. 30-025-09300), located 660 feet from the North line and 2310 feet from the East line (Unit B) of Section 10;
- (2) State "A" A/C-3 Well No. 5 (API No. 30-025-09303), located 1980 feet from the North line and 2310 feet from the East line (Unit G) of Section 10; and

Raptor Resources, Inc.
Application for Administrative Approval of
Unorthodox Well Locations and Simultaneous Dedication
June 8, 2000
Page 3

(3) State "A" A/C-3Well No. 6, located at an unorthodox gas well location 1980 feet from the South line and 2310 feet from West line (Unit J) of Section 10. This well was plugged and abandoned in December 1994.

The Jalmat Gas Pool is governed by Special Pool Rules and Regulations, promulgated by Division order No. R-8170. Rule 2(b) of these rules provides for wells located on 320-acre spacing units to be located no closer than 660 feet and 990 feet from the outer boundary of GPU.

Attached hereto as Exhibits A is a plat which shows the subject 320-acre spacing unit comprised of the E/2 of Section 10 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 C is a list of these wells which shows that the State "A" A/C-3 Well No. 6 has been plugged and abandoned.

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 with the Division's Santa Fe office within twenty days from the date this notice was sent.

A draft order approving this application is enclosed on hard copy and computer disk for your consideration.

Raptor Resources, Inc.
Application for Administrative Approval of
Unorthodox Well Locations and Simultaneous Dedication
June 8, 2000
Page 4

Your attention to this application is appreciated.

Very truly yours,

William F. Carr

Attorney for Raptor Resources, Inc.

WFC/md

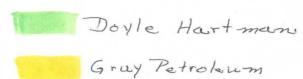
Enclosures

cc: Bill Keathly

Regulatory Agent for Raptor Resources, Inc.

105 South Fourth Street Artesia, NM 88210

Oil Conservation Division-Hobbs



John Hendrix

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

State of New Mexico Energy, Minerals & Natural Resources Department

Revised February 21, 1994 instructions on back

District II PO Drawer DD, Artesia, NM 88211-0719 District III

1000 Rio Brazos Rd. Aztec, NM 87410

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Submit to Appropriate District Office State Lease - 4 Copies

District IV PO Box 2088, Santa Fe. NM 87504-2088 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	2 Pool Code	3 Pool Name	
30-025-34682	79240	Jalmat: Tan-Yates-7 rvrs (Pro Gas)	
4 Property Code	5 Propert	Name 6 Well Nu	mber
24672	State "A" A	JC 3	
7 OGRID No.	8 Operat	or Name 9 Elevati	on
162791	Raptor Rese	ources 3416	5'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	10	2 3 S	36E		660	South	1980	East	Lea
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
									Ì
12 Dedicated Acres	13 Join	t or Infil 14	Consolidation	on Code 15	Order No.	1		<u> </u>	<u></u>
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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

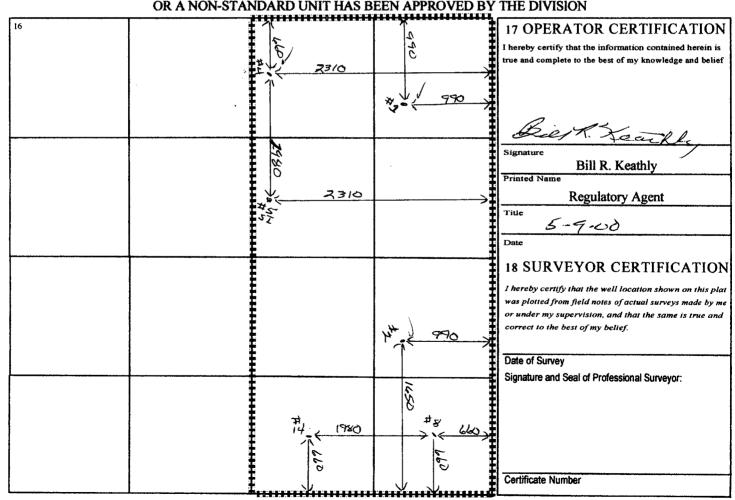


EXHIBIT C

State "A" A/C - 3 Well No. 14

320 acre Non-Standard Jalmat Gas Pool Spacing and Proration Unit Township 23 South, Range 36 East, N.M.P.M.

Section 10: E/2

WELL NAME	Well No	Status	API No.	Sec/Twp/Rg/UL	Footage from Lease
State "A" A/C 3	14	DR	30-025-34682		660' FSL & 1980' FEL
State "A" A/C 3, COM A	1 √	Р	30-025-09299	10 23S 36E A	990' FNL & 990' FEL
State "A" A/C 3, COM A	4 /	Р	30-025-09300	10 23S 36E B	660' FNL & 2310' FEL
State "A" A/C 3, COM A	5	SI	30-025-09303	10 23S 36E G	1980' FNL & 2310' FEL
State "A" A/C 3, COM A	2 /	P	30-025-09289	10 23S 36E I	1650' FSL & 990' FEL
State "A" A/C 3, COM A	8	Р	30-025-20245	10 23S 36E P	660' FSL & 660' FEL
State "A" A/C 3	6	P & A		10 23S 36E J	1980' FSL & 2310' FWL

State "A" A/C 3 # 14 Section 10, T-23S, R-36E, O API # 30-025-34682 Lea County, New Mexico

RE: Application for Unorthodox Location

Notification of Offset Operators:

Gruy Petroleum Mgmt P.O. Box 140907 Irving, TX 75014-0907

John H. Hendrix Corp P.O. Box 3040 Midland, TX 79702-3040

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.

+Submit 3 Copies to Appropriate District Office

CONITIONS OF APPROVAL, IF ANY:

State of New Mexico Energy, Minerals and Natural Resources Department

Form C 103 Revised 1-1-89

District Office OIL CONSERVATION DIVISION DISTRICT I P.O. Box 1980, Hobbs, NM S8240 WELL API NO. P.O. Box 2088 30-025-34682 Santa Fe, New Mexico 87504-2088 P.O. Drawer DD, Artesia, NM 88210 5. Indicate Type of Lease STATE FEE DISTRICT T11 1000 Rio Brazos Rd., Aztec, NM 87410 6. State Oil & Gas Lease No. **SUNDRY NOTICES AND REPORTS ON WELLS** *.....* (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A 7. Lease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE •APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well State 'A' A/C 3 2. Name of Operator 8. Well No. Raptor Resources, Inc. 14 3. Address of Operator 9. Pool name or Wildcat 901 Rio Grande, Austin, TX 78701 Langlie Mattix 7 Rvrs-Q-Grayburg (37240) 4. Well Location 660 South Unit Letter O Feet From The Line and Feet From The Line Section 10 Township **23S** 36E **NMPM** County Range 10. Elevauon (Show whether DF, RKB. RT, GR, ctc.) 3416 Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data 11. NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK **ALTERING CASING TEMPORARILY ABANDON CHANGE PLANS** COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT **PULL OR ALTER CASING** CASING TEST AND CEMENT JOB Set Production Csg OTHER OTHER: 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. 12-21-99 Drilled 7 7/8" hole to TD @ 3865'. GIH W/ 94 jts 5 1/2" 15.5# casing set @ 3865'. Lead cement 450 skx Class C W/ 5% Sodium Chloride & 6% Bentonite gel. Tail cement 300 sx Class C W 3% KCl + 0.2% CD-32 dispersant + .06% FL-62 fluid loss additive. Plug down @ 5:15 p.m. on 12-22-99. Well shut-in till after the first of the year. 12. I hereby certify that the information above is true and complete to the best of my knowledge and belief. R egulatory Agent for Raptor 12-27-99 TYPE OR PRINT NAME Bill R. Keathly TELEPHONE NO. 915-697-1609 DISTRICT 1 SUPERVISOR (this space for State Use) JAN 2 7 2000

+Submit 3 Copies to Appropriate

CONITIONS OF APPROVAL, IF ANY:

State of New Mexico Energy, Minerals and Natural Resources Department

Form C 103 Revised 1-1-89

District Office		recourses 2 spainting		Revised 1-1-09
DISTRICT I P.O. Box 1980, Hobbs, NM S8240	OIL CONSERVATI		WELL API NO.	
P. C. D. D. A. J. MA 90010	Santa Fe, New Mexic)-025-34682
P.O. Drawer DD, Artesia, NM 88210			5. Indicate Type of I	STATE FEE
DISTRICT T11 1000 Rio Brazos Rd., Aztec, NM 87410			6. State Oil & Gas L	ease No.
(DO NOT USE THIS FORM FOR PRO DIFFERENT RESE (FORM C	ICES AND REPORTS ON WOPOSALS TO DRILL OR TO DEEPIRVOIR. USE *APPLICATION FOR 1-101) FOR SUCH PROPOSALS.)	EN OR PLUG BACK TO A	7. Lease Name or Ur	//////////////////////////////////////
1. Type of Well: Oil Gas Well Well	OTHER		Sta	ate 'A' A/C 3
2. Name of Operator		,	8. Well No.	
Raptor Reso	urces, Inc.			14
3. Address of Operator	70704		9. Pool name or Wil	•
901 Rio Grande, Austin, TX 7	8701		Langue Mattix /	Rvrs-Q-Grayburg (37240)
	Feet From The South	10	980 Feet From T	he East Line
Unit Letter O 660	Feet From The South	Line and 13	Feet From T	he <u>East</u> Line
Section 10	Township 23S	Range 36E	NMPM	Lea County
<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	////// 10. Elevauon (Show wheth	er DF, RKB. RT, GR, ctc.) 3416	Į,	///////////////////////////////////////
11. Check	Appropriate Box to Indicat	e Nature of Notice, F	Report, or Other I	Data Data
NOTICE OF INT	•• •	•	SEQUENT RE	
2525224 2545244 44284	B. U.S. AND ADAMSON	1		L
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	^_ ^	LTERING CASING
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLING	G OPNS P	LUG AND ABANDONMENT
PULL OR ALTER CASING		CASING TEST AND C	EMENT JOB	
OTHER:		OTHER	Spud, set Surface	ce Csg.
12. Describe Proposed or Completed O work) SEE RULE 1103. 12-16-99 Spud 12 1/4" hole @ 2 p.r. Class C W/ 2% CaCl + 1/4#/ sk Cel cement to pit. Plug down @ 11:45 pafter plug down.	n. drilled to a depth of 630'. GII llo Flake & 6% Bentonite gell.	H W/ 14 jts 8 5/8" 24# ca Fail cement W/ 100 sks 0	asing set @ 630'. Lo Class C W/ 2% CaC	ead cement W/ 140 sks l, circulated 78 sacks
12. I hereby certify that the information above is t	rue and complete to the best of my knowledge	and belief.		
SIGNATURE BELL R. D.	endly	R egulatory A	gent for Raptor	DATE 12-19-99
TYPE OR PRINT NAME BILL R. Keathly				TELEPHONE NO. 915-697-1609
(this space for State Use)		DISTRICT 1 SUF	PERVISOR	DEC 27 1999.
APPROVED BY	Misson	TITLE —		— DATE —————

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

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 Offico State Lease - 6 Copies Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE OGRID No_ Operator Name and Address. 162791

Raptor Resources, Inc. P.O. Box 160430 Austin, Tx. 78716-0430

' API Number 30-025-34681 Property Name Well No.

Property Code 24672

State 'A' A/C 3

14

Surface Location

North/South line Feet from the East/West line Feet from the County UL or lot no. Section Township Range Lot Idn 0 660 1980 10 **23S** 36E South East Lea

s Proposed Bottom Hole Location If Different From Surface

	5 I Topolog Bottom 11010 Double 11011 Database 1101										
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
		' Propos	ed Pool 1	L	l	l	" Propos	sed Pool 2	<u></u>		
Lau	nglie Ma	tix 7 Rvrs	-Q-Grayl	burg {372	40)						

" Work Type Code	" Well Type Code	" Cable/Rotary	" Lease type Code	14 Ground Level Elevation
N	0	R	S	3416
16 Multiple	17 Proposed Depth	18 Formation	19 Contractor	20 Spud Date
	3900'	Queen	Capstar Drlg.	9-1-99

²¹ Prozosed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Secks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	600'	240	Surface
7 7/8"	5 1/2"	15.5#	3900'	490	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 cenify that the information given above is true and complute to the best OIL CONSERVATION DIVISION of my knowledg ORIGINAL SIGNED BY CHRIS WILLIAM Approved by: DISTRICT I SUPERVISOR Title: Bill R. Keathly Title: **Expiration Date:** R egulatory Agent for Raptor Conditions of Approval: 8-19-99 (915) 697-1609

District I PO Box 1980. Hobbs. NM 88241 1980

PO Drawer DD, Artesia, NM 88211-0719

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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 Offico State Lease - 6 Copies Fee Lease - 5 Copies

PO Box 2088, Sar	nta Fe, NM 8	37504-2088							[]	AMEN	DED REPORT
APPLICA	TION	FOR PE			LL, RE-E		EPEN,	, PLUGB	ACK,		DD A ZONE
Panto	r Dagou	rces, Inc.	•	Эрегаци нап	IC allu Audices	•					162791
•	Box 160										API Number
		716-0430	-							30 - 02	15-34682
' Prone	rty Code				 ,	Property Name					' Well No.
-	672				S	tate 'A' A/C 3				-	14
	10/2					e Location				<u>L</u>	1-
UL or lot no.	Section	Township	Range	Lot Idn	Feet from th	North/South 1	ine F	eet from the	East/V	Vest line	County
0	10	23S	36E		660	South		1980		East	Lea
		s Pr	oposed	Bottom	Hole Loc	ation If Diff	erent]	From Sur	face		
UL or lot no	Section	Township	Range	Lot Idn	Feet from th	e North/South	ine F	eet from the	East/\	Vest line	County
	<u> </u>	' Propos	ed Pool 1	<u>L</u>				" Propos	ed Pool	2	<u> </u>
La	nglie Ma	ttix 7 Rvrs		burg {3 7 2	40)					_	
" Work	Type Code		' Well Type	Code	" Ca	ble/Rotary	"	Lease type Co	ode	14 Gro	und Level Elevation
1			0			R		S		3416	
	<i>l</i> tuttiple	1	17 Proposed			Formation		19 Contractor		20 Spud Date	
<u></u>			3900	'	<u> </u>	ueen	(Capstar Drlg	<u>z. </u>		9-1-99
_ Tn	side	1 24179	118 1	10thix	iin	g and Cemen	t Prog	ram			
	- · c. C	//	7 Dur		C C foot	Setting Depth Sacks of Cement Estimated TOC					Estimated TOC
			1 47/2	η-ω-	<i>GD</i>	600'		 	40		Surface
<u> </u>						3900	<u>'</u>	4	90		Surface
<u> </u>								ļ			
								 			
	1.1	1 / 10	catio	_	UC B	NCK about the date of	4b				
201		d <u>Lo</u> RID NO.				ACK give the data of if necrssary.	on the pre	esent productiv	e zone i	and propose	ed new productive
		'NO. <u>2</u>			_						
2. POO		E 327	7 4 C		_						
3. FOO. 4. EFF.	DATE	8-74	-99								
		2-02		4683	-	Permit Ex	kpires	1 Year l	From	Appro	val
1 /	.0			<u> </u>		Date	Unles	s Drilling	j Und	lerway	
23 I hereby ceni of my knowledg	-	_	en above is	true and com	olute to the best	01	L CO	NSERVA	TION	DIVIS	SION
Signature:	Seel	1.5	ens	Re.	•	Approved by:	16	in the	UI.	La-	
Printed name:		Bill R. K	anthly.			Title:					
Title:	R am	ulatory Ag		antor		Approval Date: Approv					
Date:		matory Ag	Phone			Conditions of App	roval:	S P Bas			·
	8-19-99			915) 697	-1609	Attached					İ

DISTARICT I P.O. Box 1980, Hobbs, NM 88241-1980

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

DISTRICT II P.O. Drawer BD, Artesia, NM 68211-0719

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

DISTRICT IV P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

Fee Lease - 3 Copies

		· · · · · · · · · · · · · · · · · · ·	TELL LO	CATION	AND ACIO	AGE DEDICATI	OIV I LAI			
API Number Pool Code Pool Name										
30-02	5-34	682	372	40	Leva	glie matti-	1 7 Rurs C	2-Graybu	15	
Property Code Property Name								Well Nun		
24672	4672 STATE "A" ACT 3								14	
0GRID N 162791	O No. Operator Name							Elevation 3416		
					Surface Loc	ation				
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
0	10	23 S	36 E		660	SOUTH	1980	EAST	LEA	

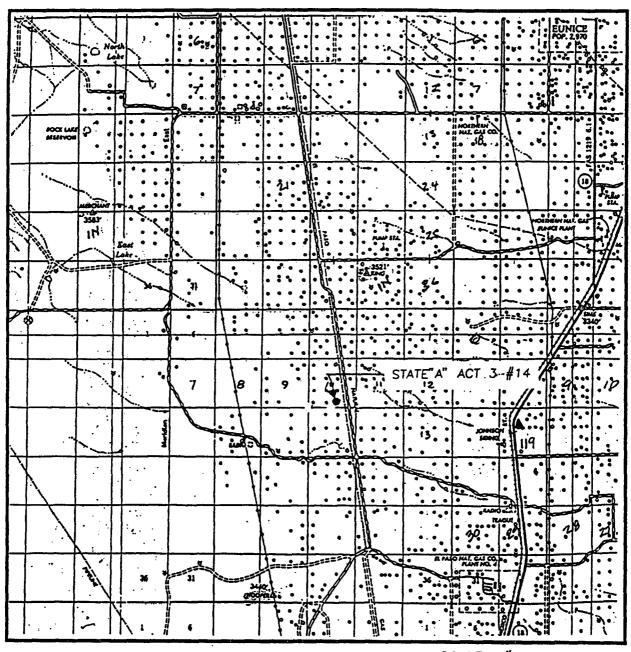
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint o	r Infill Co	nsolidation (Code Or	der No.				
40								•	

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 the the information contained herein is true and complete to the best of my knowledge and belief.
		Signature Bill R. Keathly Printed Name Regulatory Agent-Raptor Title
		Regulatory Agent-Raptor Title S-14-49 Date
	1	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 supervison, and that the same is true and correct to the best of my belief.
		JUNE 11, 1999 Date Survived DMCC Signature Community DMCC Professional Mergery Community DMCC
	1980'	Certificate No ROTAND SEEDSON 3239 ***ROTES No ROTAND SEEDSON 12641 ***MINIMUM MINIMUM MCDONALD 12185

VICINITY MAP

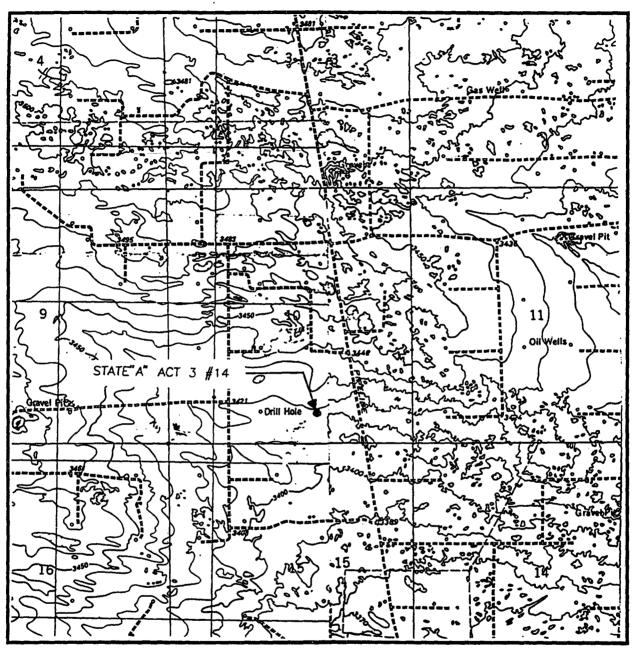


SCALE: 1" = 2 MILES

SEC. <u>10</u> 1	WP. <u>23-S</u> RGE. <u>36-E</u>
SURVEY	N.M.P.M.
COUNTY	LEA
DESCRIPTION	1 660' FSL & 1980' FEL
ELEVATION_	3416
OPERATOR	RAPTOR RESOURCES, INC
LEASE	STATE "A" ACT 3

JOHN WEST SURVEYING HOBBS, NEW MEXICO (505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1'' = 2000

CONTOUR INTERVAL: RATTLESNAKE CANYON— 10' EAST LAKE— 10'

SEC. <u>10</u> TWP. <u>23-S</u> RGE. <u>36-E</u>

SURVEY N.M.P.M.

COUNTY____LEA

DESCRIPTION 660' FSL & 1980' FEL

ELEVATION 3416

OPERATOR RAPTOR RESOURCES, INC.

LEASE STATE "A" ACT 3

U.S.G.S. TOPOGRAPHIC MAP

RATTLESNAKE CANYON, EAST LAKE, N.M.

JOHN WEST SURVEYING HOBBS, NEW MEXICO (505) 393-3117

Proposed Well Plan

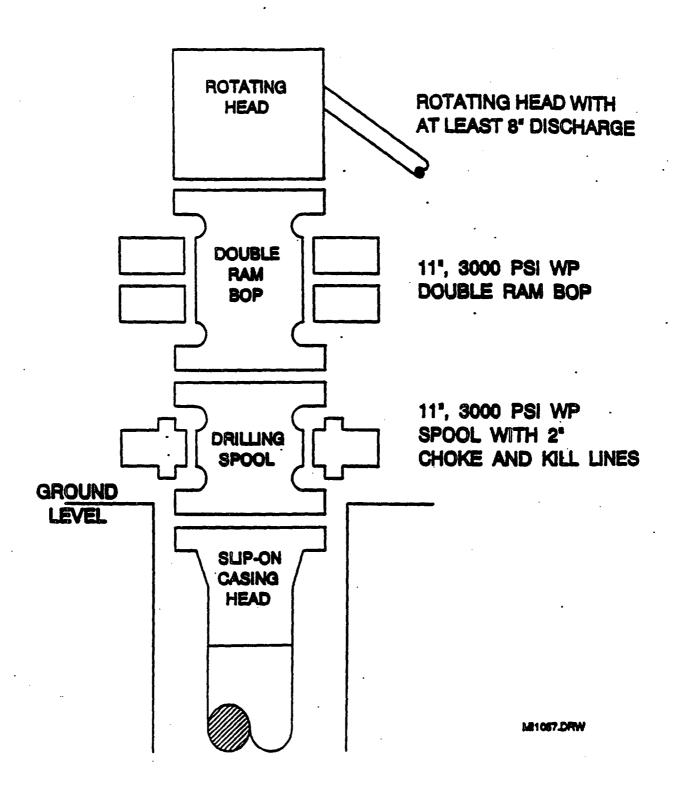
State "A" A/C 3, Well # 14 660' FSL & 1980' FEL, Sec. 10, T 23S, R 36E, Unit Ltr 'O', Lea Co.

- 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 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 3543' to 3890'
- 6. Acid and Frac treatment will be determined after looking at the Logs.
- 7. Complete and put on production.

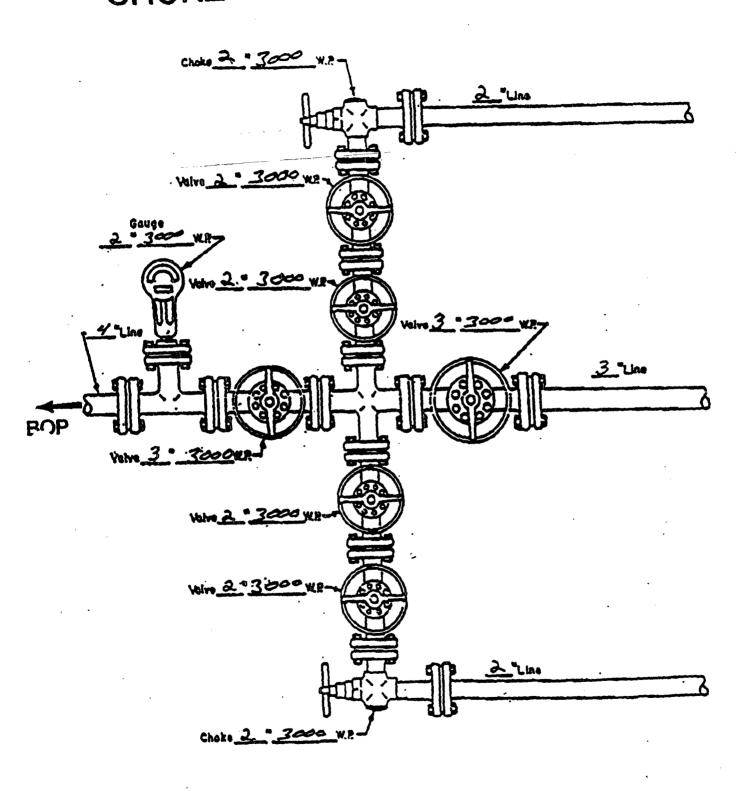
Well Name:	State "A" A/C 3 #14 660' FSL & 1980' FEL, Sec. 10, T 23S, R 36E, Unit Ltr 'O', Lea Cou						
Location:					unty, New Mexico		
Casing Program	m:						
Surface:							
Lead:	140	sacks	- Class C	Mixed at	11.8	ppg	
Additives:	2% CACL2	+ 0.25 pps Cel	lo-Flakes + 6% Bentoni	te			
		_					
Tail:	100	. sacks	Class C	_ Mixed at _	14.8	_ ppg	
Additives:	2% CACL2						-
Production							
Lead: _	390	sacks _	Class C	_ Mixed at _	12.4	ppg	
Additves	35:65 Poz (Fly	Ash) + 5% C	ACL2 + 6% Bentonite				
				a			_
							-
Tail: _	100	xacks	Class C	Mixed at	14.8	ppg	

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

BOP SPECIFICATIONS



CHOKE MANIFOLD DIAGRAM



MANIFOLD

⊠ Monuel

Hydraulie