PO Box 1980, Hobbs, NM 88241-1980

811 South First, Artesia, NM 88210

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

District IV 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico 22 23 24 25

gy, Minerals & Natural Resource. Energy, Minerals & Natural Resources Department

Revised October 18, 1994 Instructions on back 2002 Submitto Appropriate District Office State Lease - 6 Copies Fee Lease - 5 Copies

Form C-101

OIL CONSERVATION DEVISIONECEIVED 2040 South Pache OCD - ARTESIA Santa Fe NM 87505

AMENDED REPORT

2040 South Pachec					anta Fe, Ni		_	'لــاري		
APPLICA	TION F	OR P	ERMIT	TO DRI	LL, RE-EN	TER, DEE	PEN, PLUGB	ACK, C	R AD	D A ZONE
MARBOB EN			1Operat	or Name an				1	2001	RID Number 14049
PO BOX 227 ARTESIA, N	M 88210							3		Number 5 · 32174
					₅Proper	ly Name			<del>-   ``</del>	₅Well No.
Property 9	786_		/J STATE		si Topen					2
	<u> </u>				,Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South lin	ne Feet from the	East/We	st Line	County
D	2	185	27E		330	NORTH	915	WE:	ST	EDDY
	L	₽ro	posed B	ottom I	Hole Locati	on If Differ	ent From Sur	ace		
UL or lot no.	Section	Townshi	Range	Lot Idn	Feet from the	North/South lin	ne Feet from the	East/We	est Line	County
RED LAKE;	CL OPIET	Propos	ed Pool 1	AST	<u> </u>	<u></u>	10Propo	sed Pool 2		
KED LAKE,	GLORIE							,		
	Cada		12Well Type	Code	13Cable	/Rotary	14Lease Type Co	de	₁₅Groun	d Level Elevation
11Work Ty	ype Code	- 1	211011190			,	S	•		3614

₁⋅Work Type Code	₁₂Well Type Code	₁₃Cable/Rotary	14Lease Type Code	₁₅Ground Level Elevation
N	G	R	S	3614
₁₅Multiple	17Proposed Depth	18 Formation	¹ºContractor	20 Spud Date 02-04-02
No	4000	YESO	L & M	

## "Proposed Casing and Cement Program

8 5/8"		4#	350	)'	350 SX		CIRC TO SURFACE
		717					
		74	400		750 SX	$\sigma$	ABOVE PERF
5 1/2"	1	7#		<del>-  </del>		+	
						-₩	<i></i>
	-	L				<del>4</del> 4	1
	24.5	<u> 5177'</u>	Casina	το   <u>S</u> ι	Africa		<u> </u>
		Circ	Circ 51/2'	Circ 51/2" casing	Circ 51/2" casing to Su	Circ 51/2" casing to Surfue	CIRC 51/2" Casing To Surfue  s application is to DEFPEN or PLUG BACK give the data on the present productive zone and pl

<sup>22</sup>Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new proposed new proposed the blowout prevention program, if any. Use additional sheets if necessary.

DRILL 12 1/4" HOLE TO 350', RUN & CEMENT 8 5/8" CASING. REDUCE HOLE TO 7 7/8". DRILL TO 4000', RUN & CEMENT 5 1/2" CASING. PUT WELL ON PRODUCTION.

	Cement to cover all oil, gas and water bearing zones
<sup>23</sup> I hereby certify that the information given above is true and complete to the	OIL CONSERVATION DIVISION
best of my knowledge and belief.	Approved By: ORIGINAL SIGNED BY TIM W. GUM
Signature:	Title: DISTNICT II SUPERVISOR
Printed name: Dean Chumbley	The.
Title: LAND DEPARTMENT	Approval Date: JAN 3 0 2002 Expiration Date: JAN 3 0 2003
Date: 01-24-20 Phone: 505-748-3303	Conditions of Approval: Attached:

DISTRICT 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

DISTRICT II P.O. Drawer DD, Artemia, NM 88211-0719

# OIL CONSERVATION DIVISION P.O. Box 2088

State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, New Mexico 87504-2088

DISTRICT IV P.O. BOX 2068, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

□ AMENDED REPORT

API Number	Pool Code	Pool Name Red Lake, Glorietta			
Property Code	Property M.J. S		Well Number		
OGRID No. 014049	Operator MARBOB ENER	i	3503' 3614		

#### 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	2	18-S	27-E		330	NORTH	915	WEST	EDDY

#### 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	Joint o	r Infill   C	consolidation (	Code Or	der No.		•		•
40.73				ŀ					

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 immodeling and belief.  Signature  Dean Chumbley  Printed Name  Land Department  Title  January 24, 2002  Date  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 winder my supervison and that the same is frue and correct to the best of my belief.  JANUARY 18, 2002  Date Surveyed.  LA  Signature & Seal of Professional Surveyor  O2.11/0030.  Certificate No. RONALD J. EIDSON 3239.  CATY ETHON 12841		
Signature Dean Chumbley Printed Name Land Department The Usuary 24, 2002 Date  SURVEYOR CERTIFICATION  I hereby certify that the well location shown on this plat was plotted from field notes of actival surveys made by me or under my supervison, and that the same is true and correct to the best of my belief.  JANUARY 18, 2002  Date Surveyed LA Signature & Seni of Professional Surveyor  ANALY EDSON 51/22/02  OC.19.0030  Certifficate No. RONALD J. EDSON 5239 Certifficate No. RONALD J. EDSON 5239 Certifficate No. RONALD J. EDSON 5239		OPERATOR CERTIFICATION
contained harein is frue and complete to the best of my knowledge and belief.    Signature	915 0	I hereby certify the the information
Signature Dean Chumbley Printed Name Land Department Title January 24, 2002 Date  SURVEYOR CERTIFICATION  I hereby certify that the well location shown on this plat was plotted from hald 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 18, 2002  Date Surveyed.  Signature & Seal of Professional Surveyor  Mald. Lailan of 22/02  O2.17.0030  Certificate No. RONAID J. EIDSON 3236 GAST. EIDSON 3236		
Dean Chumbley Printed Name Land Department Title January 24, 2002 Date  SURVEYOR CERTIFICATION  I hereby certify that the well location shown on this plat was plotted from field nates of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief.  JANUARY 18, 2002  Date Surveyed  JANUARY 18, 2002  Date Surveyor  AND Labor of 22/02  02.17.0030  Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12841		best of my knowledge and belief.
Land Department  Title  January 24, 2002  Date  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 beitg!  JANUARY 18, 2002  Date Surveyed  Signature & Seal of Professional Surveyor  O2.11.0030  Certificate No. RONALD J. EIDSON 3239  CASY EIDSON 12841		
Land Department  Title  January 24, 2002  Date  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 beitg!  JANUARY 18, 2002  Date Surveyed  Signature & Seal of Professional Surveyor  O2.11.0030  Certificate No. RONALD J. EIDSON 3239  CASY EIDSON 12841		Printed Name
Title January 24, 2002  Date  SURVEYOR CERTIFICATION  I hereby certify that the well location shown on this plat was plated a 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.  JANUARY 18, 2002  Date Surveyed  LA  Signature & Seal of Professional Surveyor  O2.17.0030  Certifinate No. RONALD J. EIDSON 3239  GASY EIDSON 12841		
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on this plat was plotted from field nates of actual surveys made by me or under my supervison and that the same is true and correct to the best of my beliaf.  JANUARY 18, 2002  Date Surveyed  LA  Signature & Seal of Professional Surveyor  Professional Surveyor  O2.11.0030  Certificate No. RONALD J. EIDSON 3239		SURVEYOR CERTIFICATION
Date Surveyed  Signature & Seal of Professional Surveyor  O2.1 1.0030  Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12841		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
Signature & Seal of Professional Surveyor  Male Labor 01/22/02  02.1 1.0030  Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12841		JANUARY 18, 2002
Professional Surveyor  Mala Louism 04/22/02  02.11.0030  Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12841		Date Surveyed LA
Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12841		Signature & Seal of
Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12841		Professional Surveyor
Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12841		Romal 1 9 - Prom 1/22/02
GARY EDSON 12841		
		Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12841

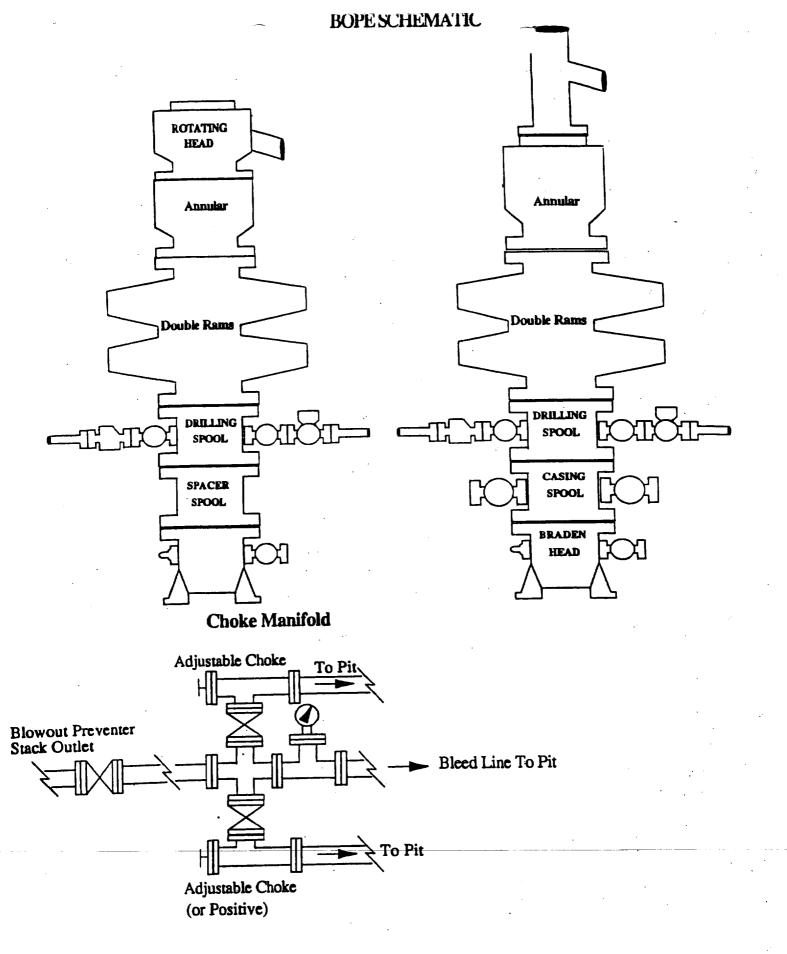
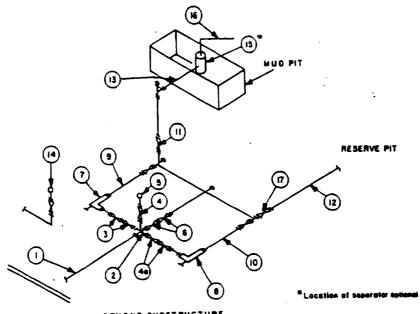


Exhibit One

#### MINIMUM CHOKE MANIFOLD 3,000, 5,000 and 10,000 PSI Working Pressure

3 MWP - 5 MWP - 10 MWP



B	ΕY	o	ND	SUE	ST	RU:C	TI	J٨	E
---	----	---	----	-----	----	------	----	----	---

			MINI	MUM REQU	REMENTS					
_			3,000 MWP			5,000 MWP			10,000 MWF	
		1.0.	NOMINAL	RATING	1.D.	NOMINAL	RATING	1.D.	NOMINAL	RATING
<b>10</b> .		1	3-	3,000		3*	5.000		3"	10,000
1_	Line from drilling spool		<del>                                     </del>	3,000			5,000		[	
2	Cross 3"x3"x3"x2"	+	<b></b>							10,000
	Cross 3"x3"x3"x3"	<del></del>	<del> </del>				£ 000	3-1/8"		10,000
3	Valves(1) Gate □ Plug □(2)	3-1/8"		3,000	3-1/8"		5,000	3-1/6	<u> </u>	10,000
4	Gale L	1-13/16*		3,000	1-13/16*		5,000	1-13/16*		10,000
	Piog C.	2-1/16"	<del> </del>	3,000	2-1/16*		5,000	3-1/8"	1	10,000
48	Valves(1)	2-1/10	<del> </del>	3,000	<del>                                     </del>		5,000			10,000
5	Pressure Gauge		<del> </del>	0,000						10,000
6	Valves Gate □ Plug □(2)	3-1/8"		3,000	3-1/8*	ļ <u>.</u>	5,000	3-1/0"	-	1
	Adjustable Choke(3)	2.	T	3,000	2°		5,000	2.	ļ	10,000
	Adjustable Choke	1.		3,000	1"		5,000	2.	<del> </del>	10,000
			3-	3,000	T	3-	5,000		3.	10,000
9			2*	3,000		2*	5,000	<u> </u>	3*	10,000
10	Gate 🗆	3-1/8"		3,000	3-1/8"		5,000	3-1/8"		10,000
11	Valves Plug (2)	+	3.	1,000	<del> </del>	3-	1,000	<del>                                     </del>	3-	2,000
12	Lines		3-	1,000	1	3"	1,000	T :	3*	2,000
13			<del>                                     </del>		+	<del> </del>	1	1.		10,000
14	Remote reading compound standpipe pressure gauge			3,000	<u> </u>	1	5,000	<del> </del>	Ohre:	10,000
٠.	0		2'x5'			2'x5'	<del>                                     </del>	<del></del>	2'x5'	1 0000
1			4"	1,000		4"	1,000	<del> </del>	4"	2,000
15	Gale []	3-1/8"		3,000	3-1/8"		5.000	3-1/8*		10,000

- (1) Only one required in Class 3M.
- (2) Gate valves only shall be used for Class 10M.
- (3) Remote operated hydrautic choke required on 5,000 psi and 10,000 psi for drilling.

### EQUIPMENT SPECIFICATIONS AND INSTALLATION INSTRUCTIONS

- 1. All connections in choke manifold shall be welded, studded, flanged or Cameron clamp of comparable rating.
- 2. All flanges shall be API 6B or 6BX and ring gaskets shall be API RX or BX. Use only BX for 10 MWP.
- 3. All lines shall be securely anchored.
- 4. Chokes shall be equipped with tungsten carbide seats and needles, and replacements shall be available.
- 5. Choke manifold pressure and standpipe pressure gauges shall be available at the choke manifold to assist in regulating chokes. As an alternate with automatic chokes, a choke manifold pressure gauge shall be located on the rig floor in conjunction with the standpipe pressure gauge.
- 6. Line from drilling spool to choke manifold should be as straight as possible. Lines downstream from chokes shall make turns by large bends or 90° bends using bull plugged lees.