					State of New	w Me	exico			Form C-101
District I 1625 N. French Dr., Hobbs, NM 88240				Energy, Minerals & Natural Resources					May 27, 2004	
District II								-		
1301 W. Grand Avenue, Artesia, NM 88210				Oil Conservation Divsiion			Submit to appropriate District Office			
District III 1000 Rio Brazos Rd., Aztec, NM 87410				1220 S. St. Francis Dr.						
District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505				Santa Fe, NM 87505				AME	ENDED REPORT	
					D DRILL, RE-ENTER, DEEPEN, 1					A ZONE
APPLIC	ATION		erator Name ar		L, KE-EN		, DEEPEN,		² OGRID Numbe	
		•		ia Address					148381	
MISSION RESOURCES CORPORATION 1100 LOUISIANA, STE. 4400, HOUSTON,TX 77								ATT 18 18 30	³ API Number	
		4400, H	OUSTON, TX	77002	<u> </u>	. T		<u>\$30- 02</u>	3751	11.11.
⁴ Proper 334	rty Code 193	-			⁵ Property 1 STATE A A		2		(f. s.	11 No. 086
⁹ Proposed Pool 1		Pool 1				104	/10 Proposed Pc			
JALMAT; TANSILL - YATES - 7RIVERS				GAS) #79240			2000 Com			
					⁷ Surface I	locat	ion Va	est eq	1517 CN 1 N 5	
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from t		North/South Line	Feet from the	East/West line	County
G	11	225	36E		1980)	NORTH	1980	EAST	LEA
<u> </u>				Bottom I	L		Different Fro	i i i i i i i i i i i i i i i i i i i	<u> </u>	L
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from t		North/South Line	Feet from the	East/West line	County
SAME	Section	Township	Kange	Lot. Iun	reet nom a	ine .	North South Line	Teet nom the	Last west line	county
	1	1	_,I	A	lditional W	ell L	ocation			I
ll week To		1	² Well Type Co		¹³ Cable/R			ise Type Code	15 Ground 1	Level Elevation
¹¹ Work Type Code N			G	R			S 3525			
¹⁶ Multiple			7 Proposed Dep	oth					oud Date	
			4000 '	YATES/7R				Determined 12/15/05		
Depth to ground water				Distance from nearest fresh water 1000 ' +			vell	Distance from nearest surface water		
								1000'+		
		137'					hhl Duilling Mat		1000'+	
Pit: Liner: Syr	nthetic X	137 	thick Cla	ay 🗶	Pit Volume _57	704	-	hod: ROTARY		
	nthetic 🚺 bop System [<u>12</u> mils		·	Pit Volume <u>57</u> F	704 Fresh W	/ater X Brin	e 🚺 Diesel/O	1000 ' +	Gas/Air 🗌
	-	<u>12</u> mils		·	Pit Volume <u>57</u> F	704 Fresh W	/ater X Brin	e 🚺 Diesel/O		Gas/Air 🗌
Closed-Lo	oop System [12 mils	21	Proposed	Pit Volume <u>57</u> F	704 Fresh W	/ater Brin ment Program	e 🚺 Diesel/O	il-based	Gas/Air
Closed-Lc Hole S	oop System [12 mils	21 sing Size	Proposed	Pit Volume <u>57</u> F d Casing an weight/foot	704 Fresh W	Vater X Brin ment Program Setting Depth	e X Diesel/O n Sacks of Cemer	il-based	Estimated TOC
Closed-Lc Hole S	oop System [Size	12 mils	21 sing Size - 5/8 "	Proposed	Pit Volume _57 F d Casing an weight/foot 24#	704 Fresh W	/ater X Brin ment Program Setting Depth 600'	e X Diesel/O n Sacks of Cemer 325	il-based	Estimated TOC SURFACE
Closed-Lc Hole S	oop System [Size	12 mils	21 sing Size	Proposed	Pit Volume <u>57</u> F d Casing an weight/foot	704 Fresh W	Vater X Brin ment Program Setting Depth	e X Diesel/O n Sacks of Cemer	il-based	Estimated TOC
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DISTRICT I 1625 N. French Dr., Hobbs, NM 88240 DISTRICT II P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT. IV 2040 South Pacheco, Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

Pool Name API Number Pool Code 79240 3756 30-025-Jalmat;tansill-yates-7rivers (gas) **Property** Code Property Name Well Number 33493 STATE A A/C 2 86 OGRID No. **Operator** Name Elevation 148381 MISSION RESOURCES CORPORATION 3525 Surface Location UL or lot No. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County G 11 22 S 36 F 1980 NORTH 1980 EAST LEA Bottom Hole Location If Different From Surface UL or lot No. Lot Idn Feet from the North/South line Section Township Range Feet from the East/West line County same Dedicated Acres Joint or Infill **Consolidation** Code Order No. Order # SD-05-06 Admin. 640 Infill 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 ((099) (660) (660') 710 I hereby certify the the information contained herein is true and complete to the (1980' Ī #85 best of my knowledge and belief. (660') #15 ó -785' 20 **#**79 #14 (1980') 980 980 980 980 Nancy K. Gatti #18 Printed Name (1650')-Regulatory Manager #42 Title (660') #87 860' -0 #80 #86 (1980') 11-17-05 1980' 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 1980 upervison and that the same is true and #62 (660') #82 J (2310) 860' orrect to the best of my belief. #881 June 8, 2005 Date Surveyed WAUVI MUUNALD LVA Signature & Seal of ; Professional Surveyor #73 980 980 980' -(660') 1980' #84 (660') 1886 #83` W.O. Num. *¥*36∤ 2005-0474 ,066 660 Certificate No. MACON MCDONALD 560 660 12185 """ "POFESSIONAL """

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco Santa Fe, NM 87505

Form C-102 Revised August 15, 2000 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

□ AMENDED REPORT

WELL LOCATIONS SHOWN HEREON WITH DIMENSIONS IN PARENTHESIS WERE PROVIDED BY MISSION RESOURCES CORPORATION AND ARE NOT FIELD SURVEYED.

PROPOSED WELL PLAN

- 1. Drill an 11" hole from surface to 600'
- 2. Run 8-5/8" 24# J-55 STC casing to 600' and cement to surface.
- 3. NU BOP's and drill a 7-7/8" hole to 4,000'.
- 4. Run 4-1/2" 11.6# J-55 casing to 4,000' and cement to surface.
- 5. Perforate the Yates/7-Rivers from 3000' to 3500'.
- 6. Acid and Frac treatment will be determined after looking at logs.
- 7. Complete and put on production.

CASING PROGRAM

SURFACE: 8-5/8" casing in 11" hole at 600'

PRODUCTION: 4-1/2" casing in 7-7/8" hole at 4,000'.

CEMENTING PROGRAM

SURFACE:

- LEAD: 100 sx Cl C + 4% gel + 2% CaCl₂ + 0.25 pps Cello-Flake Mixed at 13.5 ppg (1.74 cf/sk)
- TAIL: 125 sx Cl C + 2% CaCl₂ Mixed at 14.8 ppg (1.34 cf/sk)

PRODUCTION:

- LEAD: 475 sx 50:50 Poz/Cl C + 10% gel + 5% salt Mixed at 12.0 ppg (2.3 cf/sk)
- TAIL: 250 sx 50:50 Poz/Cl C + 2% gel + 5% salt Mixed at 14.2 ppg (1.3 cf/sk)



BOP SPECIFICATIONS



CHOKE MANIFOLD DIAGRAM



MANIFOLD

Manuel Hydraulic