Permit Explies 1 Year From Approval Date Unless Drilling Underway 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

MAMENDED REPORT

County C				1	Operator N	ame and Addre	ENTER, DE		,		10	GRID Number 173		
Property Code														
Toriot no. Section Township Range Lot Idn Feet from the 1650 South 1650 West Lea							⁵ Property Name				I			
Lor tot no. Section Township Range Lot Idn Feet from the 1650 South 1650 West Lea	2467	9		•		TORO :	27 STATE CO)M.			ĺ	1		
Lor tot no. Section Township Range Lot Idn Feet from the 1650 South 1650 West Lea						7 Surfac	e Location					10.100		
Proposed Bottom Hole Location If Different From Surface Lor lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County **Proposed Pool I **Proposed Pool 2 **Morrow **Work Type Code	UL or lot no.	Section	Township	Range	Lot Ida			line	Feet from the	East/V	est line	County		
**Proposed Bottom Hole Location If Different From Surface Lor lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the Enst/West line County **Proposed Pool 1 **Proposed Pool 2 **Work Type Code Norrow **West Type Code Norrow **West Type Code Norrow **Ground Level Elevation Norrow **Tornshion Norrow **Contractor Section Norrow **Tornshion Norrow **	K	27	19S	35E		1650	South		1650	Wes	t	Lea		
Township Range Lot Idn Feet from the North/South line Feet from the East/West line County 'Proposed Pool 1 'Proposed Pool 2 "Work Type Code Morrow "Well Type Code Norrow "Well Type Code Norrow "Coable/Rotary House Type Code Norrow "Coable/Rotary		-	⁸ Pr	oposed	Bottom	Hole Loc		feren				1 200		
"Work Type Code "Well Type Code "Cable/Rotary "Lease Type Code "Ground Level Elevation N G R S 3720' "Multiple "Proposed Depth "Formation "Contractor "Spud Date No 13,500' Morrow 6/21/99 21 Proposed Casing and Cement Program Hole Size Casing Size Casing weight/foot Setting Depth Sacks of Cement Estimated TOC 17 1/2" 13 3/8" 54.5# J-55 620' 490 Surface 12 1/4" 9 5/8" 36# J-55 5300' 2610 Surface 7 7/8" 5 1/2" 17# P-110 13500' 800 9500' **Surface Type Code "Casing Size Casing weight/foot Setting Depth Sacks of Cement Program Surface 12 1/4" 9 5/8" 36# J-55 5300' 2610 Surface 17 1/2" 17# P-110 13500' 800 9500' **Surface Type Code Surface Type Code Sur	UL or lot no.	Section									est line	County		
No G R S 3720' "Multiple "Proposed Depth "Formation "Contractor "Spud Date No 13,500' Morrow 6/21/99 Proposed Casing and Cement Program	i de	, f Mori	•	ed Pool 1					¹⁴ Propor	ed Pool 2				
No G R S 3720' "Multiple "Proposed Depth "Formation "Contractor "Spud Date No 13,500' Morrow 6/21/99 Proposed Casing and Cement Program	" Work T	ype Code	-	Well Type	Code	13 Ca	ble/Rotary		14 Lease Type Co	de	18 Gross	nd Level Elevation		
"Multiple "Proposed Depth "Formatios "Contractor "Spad Date No 13,500' Morrow 6/21/99 21 Proposed Casing and Cement Program Hole Size Casing Size Casing weight/foot Setting Depth Sacks of Cement Estimated TOC	N			G			R							
## Proposed Casing and Cement Program Hole Size	1* Mu	tiple	11		Depth	" F					3.20			
## Proposed Casing and Cement Program Hole Size	No			3,500'	Мс		orrow			6/21/99		/21/99		
Hole Size				21	Propose	ed Casing	and Cement	Pro	gram			,,		
12 1/4" 9 5/8" 36# J-55 5300' 2610 Surface 7 7/8" 5 1/2" 17# P-110 13500' 800 9500' Rescribe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive some and proposed new productive e. Describe the blowout prevention program, if any. Use additional sheets if necessary. See attached "Exhibit 6" for BOP assemt. Drill 17 1/2" hole to ±620'. Run 13 3/8" csg. and cement to surface w/335 sks. 35/65/6% gel + 2 CaCl + .25# celloflake, 12.4 ppg, 2.07 cf/sk. yld. Tail w/155 sks. Cl. C + 2% CaCl, 14.8 ppg, 1.33 cf/sk. yld. Drill 12 1/4" hole to ±5300'. Set 9 5/8" csg. and cement to surface w/2340 sks. 35/65/6% gel + 5% Salt + 1/4# celloflake, 12.8 ppg, 1.94 cf/sk. Tail w/270 sks. Cl. C + 1% CaCl, 14.8 ppg, 1.33 cf/sk. yld. Drill 7 7/8" hole to ±13500'. Run 5 1/2" csg. to TD and cement to ±9500' w/800 sks. Cl. H + 2% B28 + .5 gps D-600 + .05 gps M45 + 0.1% D153 + 0.2% D800, 15.6 ppg, 1.2 cf/sk. yld. Dereby certify that the information given above is true and complete to the best of the post of the post of the post of the tot that the information given above is true and complete to the best of the post of the	Hole Siz	e	Casin							Cement		Estimated TOC		
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Approved by: Strain Str	1. Drill 35/65, C1. C 2. Drill 35/65, C1. C 3. Drill sks. C 1.2 cf	17 1/2 6% ge1 + 2% C 12 1/4 6% ge1 + 1% C 7 7/8" 71. H +	" hole + 2 Ca CaCl, 14 " hole + 5% SaCl, 14 hole t 2% B28	to ±62 1C1 + . 1.8 ppg to ±53 1.8 ppg to ±35 1.8 ppg 1.8 ppg 1.8 ppg 1.8 ppg 1.8 ppg 1.8 ppg 1.8 ppg 1.8 ppg	Ny. Use ad 0'. Ri 25# cel , 1.33 00'. S 1/4# ce , 1.33 00'. F gps D-6	ditional sheets in 13 3/8 lloflake, cf/sk. y Set 9 5/8 elloflake cf/sk. y Run 5 1/2 600 + .05	" csg. and 12.4 ppg, 1d. " csg. and , 12.8 ppg 1d. " csg. to gps M45 +	atta cema 2.0 cema , 1.9	ached "Exhent to sur 7 cf/sk. yent to sur 94 cf/sk. nd cement % D153 + (nibit cface vld. T cface Tail to ±9	6" for w/335 Tail w/2340 w/2340 w/270 500' v	80P asseml sks. /155 sks.) sks.) sks. //800 15.6 ppg,		
THE TANK OF THE PARTY OF THE PA	rinted name.			at five			Title:			, ,				

Approval Date:

Attached 🗆

Conditions of Approvai :

Expiration Date:

252

Title:

Date:

Regulatory Technician

(405) 749-5287

6/3/99

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

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

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

OIL CONSERVATION DIVISION

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name	
50-025,34638	96886	Morrow Morrow	
Property Code		roperty Name	Well Number
24679	Toro	"27" State Com.	1
OGRID No.		perator Name	Elevation
025773	Louis Dreyfus	Natural Gas Corporation	3720'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	27	19 S	35 E		1650	South	1650	West	Lea

Bottom Hole Location If Different From Surface

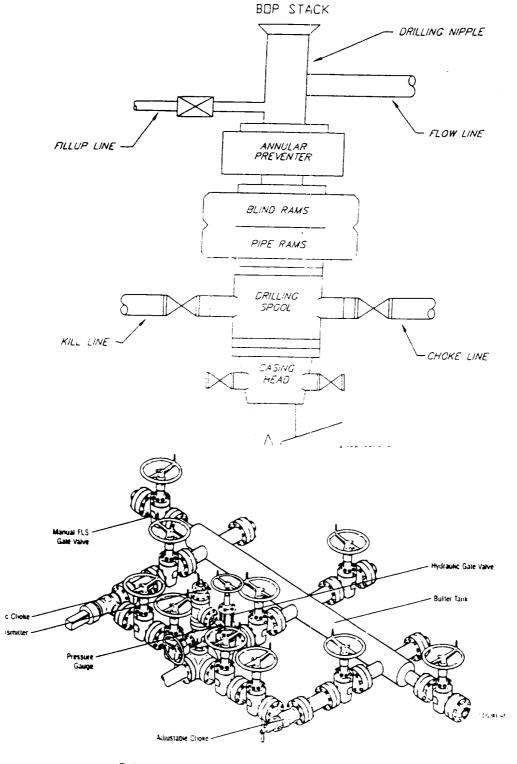
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint of	r Infill C	nsolidation	Code Or	der No.	<u> </u>			
320	N		P						

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
1	best of my knowledge and belief.
	Leve Since
	Signature
!	Gene Simer Printed Name
	District Operations Mgr.
1	May 27, 1999
	Date
	SURVEYOR CERTIFICATION
	I hereby certify that the well location shown
1	on this plat was plotted from field notes of actual surveys made by me or under my
1	supervison, and that the same is true and
3722.1' 3719.9'	correct to the best of my belief.
1650'	May≈25, 1999
	Date Surveyed
	Signature & Seal of: Professional Supreyor
1650'	797
	No. 9187
	Certificate to Gers 1 Jones 7977
	BASIN SURVEY S

Exhibit 5

TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER & CHOKE MANIFOLD SCHEMATIC



Typical Choke Manifold Designed for Land Drilling Applications