District I 1625 N. French Dr., Hobbs, NM 88240 1301 W. Grand Avenue, Artesia, NM 88210 1000 Rio Brazos Road, Aztec, NM 87410 District IV

State of New Mexico **Energy Minerals and Natural Resources**

Form C-101 Revised March 17, 1999

Submit to appropriate District Office Oil Conservation Division District III State Lease - 6 Copies 1220 South St. Francis Dr. Fee Lease - 5 Copies Santa Fe, NM 87505 1220 S. St. Francis Dr., Santa Fe, NM 87505 ☐ AMENDED REPORT APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE Operator Name and Address OGRID Number V-F Petroleum Inc. 24010 ³ API Number P.O. Box 1889 Midland, Texas 79702 30-025-76641 ³ Property Code ⁵ Property Name 6 Well No. 33603 Dos Mas ⁷ Surface Location Feet from the North/South line UL or lot no. Section Township Lot Idn Feet from the East/West line County Range 17S 35E 1,848 South 1,153 **East** 12 Lea Ι 8 Proposed Bottom Hole Location If Different From Surface Lot Idn Feet from the North/South line Feet from the East/West line UL or lot no. Section Township Range County 85217 ⁹ Proposed Pool 1 10 Proposed Pool 2 SOUTH (GA Shoe Bar Mississippian 11 Work Type Code 13 Cable/Rotary 15 Ground Level Elevation 12 Well Type Code 14 Lease Type Code R S 3.921 N G 20 Spud Date 18 Formation 16 Multiple 17 Proposed Depth 19 Contractor 5/04 N 13,500 Chester NA **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 54 450 500 Surface 12 1/4 9 5/8 40 3,000 1,150 Surface 3.000 7 7/8 17 13,500 1,100 51/278 79: Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present profestive zone and productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary. It is proposed to drill a 17 1/2" hole to 450' with FW, set 13 3/8" csg and cement back to surface. Af 12 1/4" interned at hole? will be drilled to 3,000' w/FW and 9 5/8" csg will be set and cemented back to surface. A 3,000 psi annular preventer and psi dual ram BOP will be used in the intermediate hole. A 7 7/8" hole will be drilled to TD w/ cut brine fined. set @ TD and cemented back to the intermediate casing shoe. A 3,000 psi annular preventer and a 5,000 psi dual ram BOP will be used on the 7 7/8" hole. Mud up between 9,000 and 11,000' Several DST's may be run. No H2S is expected.

²³ I hereby certify that the information best of my knowledge and belief.	given above is true and complete to the	OIL CONSERVATION DIVISION				
Signature: any	Approved by:	all g	Hait			
Printed name: Larry N. Brazile	Title:	PETROLEÚ	M ENGINEER			
Title: Petroleum Engineer	Approval Date:		Expiration Date:			
Date: March 12, 2004 Phone: 432-683-3344		Conditions of Approval: Attached MAR 2 2	1 2004			

DISTRICT III

State of New Mexico

Energy, Minerals and Natural Resources Department

Revised February 10, 1994 Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

Form C-102

DISTRICT II

F.O. Drawer DD, Artesia, NM 86211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088

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

1000 Rio Brazos Rd., Aztec, NM 67410

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-025-7664	Pool Code SS217	SHOUT	Pool Name	uth (GAS)	
Property Code 33603	Prope	Property Name DOS MAS			
OGRID No. 24010	•	NOLEUM, INC.		Elevation 3921	

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	12	17-S	35-E		1848	SOUTH	1153'	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section I	Fownship	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	1	Infill Con	solidation C	ode Ord	ler No.				

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

	OR A	NON-STANDARD	UNIT HA	S BEEN	APPROVED E	Y TH	E DIVISION
·							OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
				 			Lany Bryil Signature
		· 			٠.		LARRY BRAZILE Printed Name Petroleum Engweer Title 3/12/04
	EFODETIC	COORDINATES				-	SURVEYOR CERTIFICATION I hereby certify that the well location shown
	NAD 2 Y = 673 X = 784 LAT. 32*	27 NME 3119.4 N 4897.6 E 50'49.38"N		 9	- 1153' -		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.
	LONG. 10	03*24*20.45*W 	<u> </u>				March 04, 2004 Date Surveyed A.W.B. Signature & Seal of Professional Surveyor
		 		1848			Dary Si Eddin 3/9/04 04.11.024
							White TOTESSI THE WAR TO THE TOTES SI THE WAR THE

150' NORTH OFFSET 3927.8' 150' EAST OFFSET LAT 32'50'49 38' N OFFSET 3927.8' 150' EAST OFFSET LAT 32'50'49 38' N OFFSET 3927.8' LONG. 103'24'20'45' W 3921.8' 150' EAST OFFSET LAT 32'50'49 38' N OFFSET 3927.8' LONG. 103'24'20'45' W 3921.8' 150' EAST OFFSET 3920.4' 150' EAST OFFSET 15	SECTION 12, LEA COUNTY,	TOWNSHIP 17 SO	OUTH, RANGE	35 EA	AST, N.M.P.M., NEW MEXICO.		
DOS MAS #1			·				
DOS MAS #1 DIFFECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3922.8' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND OFFSET 3920.4' DIRECTIONS TO LOCATION OFFSET 3920.4' DIRECTIONS TO LOCATION OFFSET 39							
ISO' WEST Gr. Elev. 3921' 150' EAST OFFSET LAI. 32'50' 49.38'N OFFSET 3922.8' LONG. 103'24'20.45'W 3921.8' DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND ARKANSAS JUNCTION ROD. GO NORTH ON ARKANSAS JUNCTION ROD. GO NORTH ON ARKANSAS JUNCTION ROD. FOR 11.0 MILES TO MILE MARKER 11. TURN LEFT (WEST) AT CATTLE GUARD ONTO A CALICHE RD. (WEST STILES RD.) GO WEST ON CALICHE RD. FOR ASPROX. O. 2 MILES THIS LOCATION IS APPROX. O.2 MILES WEST. JOHN WEST SURVEYING COMPANY DISCORDER 150' EAST OFFSET SOUTH OF SECTION 12. TOWNSHIP 17. SOUTH, RANGE 35 EAST, LEA COUNTY, NEW MEXICO Survey Date: 03/04/04 Sheet 1 of 1 Sheets W.O. Number: 04.11.0247 DRAWN BY: A.W.B		<i>39.</i>	21.8']				
DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND ARKANSAS JUNCTION ROAD. GO NORTH ON ARKANSAS JUNCTION ROAD. GO NORTH ON ARKANSAS JUNCTION RO. FOR 11.0 MILES TO MILE MARKER 11. TURN LEFT (WEST) AT CATTLE GUARD ONTO A CALICHE RD. (WEST STILES RD.) GO WEST ON CALICHE RD. FOR 3.0 MILES TO A TEE IN RD. GO LEFT (SOUTH) ON CALICHE RD. FOR APPROX. 0.7 MILES. THIS LOCATION IS APPROX. 0.7 MILES. THIS LOCATION IS APPROX. 0.2 MILES WEST. JOHN WEST SURVEYING COMPANY 100 0 100 200 FEET Scale:1"=100' V-F PETROLEUM INC. 1848' FROM THE DOS MAS #1 LOCATED 1848' FROM THE DOS MAS #1 LOCATED 1848' FROM THE SOUTH LINE AND 1153' FROM THE EAST LINE OF SECTION 12, TOWNSHIP 17 SOUTH, RANGE 35 EAST, LEA COUNTY, NEW MEXICO Survey Date: 03/04/04 Sheet 1 of 1 Sheets W.O. Number: 04.11.0247 DRAWN BY: A.W.B	,009	□ (150' WEST Gr. Ele OFFSET LAT. 32'5	D	EAST FSET	900,		
FROM THE INTERSECTION OF U.S. HWY #62-180 AND ARKANSAS JUNCTION ROAD. GO NORTH ON ARKANSAS JUNCTION ROAD. GO NORTH ON ARKANSAS JUNCTION RO. FOR 1.0 MILES TO MILE MARKER 11. TURN LEFT (WEST) AT CATTLE GUARD ONTO A CALCHE RD. (WEST STILES RD.) GO WEST ON CALICHE RD. FOR 3.0 MILES TO A TEE IN RD. GO LEFT (SOUTH) ON CALICHE RD. FOR APPROX. 0.7 MILES. THIS LOCATION IS APPROX. 0.2 MILES WEST. 100 0 100 200 FEET W-F PETROLEUM INC. V-F PETROLEUM INC. 1848' FROM THE SOUTH LINE AND 1153' FROM THE EAST LINE OF SECTION 12, TOWNSHIP 17 SOUTH, RANGE 35 EAST, LEA COUNTY, NEW MEXICO Survey Date: 03/04/04 Sheet 1 of 1 Sheets W.O. Number: 04.11.0247 DRAWN BY: A.W.B		150' OFF	SOUTH FSET				
DIRECTIONS TO LOCATION: FROM THE INTERSECTION OF U.S. HWY #62-180 AND ARKANSAS JUNCTION ROAD. GO NORTH ON ARKANSAS JUNCTION RD. FOR 11.0 MILES TO MILE MARKER 11. TURN LEFT (WEST) AT CATTLE GUARD ONTO A CALICHE RD. (WEST STILES RD.) GO WEST ON CALICHE RD. FOR 3.0 MILES TO A TEE IN RD. GO LEFT (SOUTH) ON CALICHE RD. FOR APPROX. 0.7 MILES. THIS LOCATION IS APPROX. 0.2 MILES WEST. JOHN WEST SURVEYING COMPANY 100 0 100 200 FEET Scale:1"=100' V-F PETROLEUM INC. THE DOS MAS #1 LOCATED 1848' FROM THE SOUTH LINE AND 1153' FROM THE EAST LINE OF SECTION 12, TOWNSHIP 17 SOUTH, RANGE 35 EAST, LEA COUNTY, NEW MEXICO Survey Date: 03/04/04 Sheet 1 of 1 Sheets W.O. Number: 04.11.0247 DRAWN BY: A.W.B	·						
FROM THE INTERSECTION OF U.S. HWY #62-180 AND ARKANSAS JUNCTION ROAD. GO NORTH ON ARKANSAS JUNCTION ROAD. GO NORTH ON ARKANSAS JUNCTION RD. FOR 11.0 MILES TO MILE MARKER 11. TURN LEFT (WEST) AT CATTLE GUARD ONTO A CALICHE RD. (WEST STILES RD.) GO WEST ON CALICHE RD. FOR 3.0 MILES TO A TEE IN RD. GO LEFT (SOUTH) ON CALICHE RD. FOR APPROX. 0.7 MILES. THIS LOCATION IS APPROX. 0.2 MILES WEST. 100 0 100 200 FEET V-F PETROLEUM INC. 1848' FROM THE DOS MAS #1 LOCATED 1848' FROM THE SOUTH LINE AND 1153' FROM THE EAST LINE OF SECTION 12, TOWNSHIP 17 SOUTH, RANGE 35 EAST, LEA COUNTY, NEW MEXICO Survey Date: 03/04/04 Sheet 1 of 1 Sheets W.O. Number: 04.11.0247 DRAWN BY: A.W.B	<u> </u>		oo' .				
ARKANSAS JUNCTION ROAD. GO NORTH ON ARKANSAS JUNCTION RD. FOR 11.0 MILES TO MILE MARKER 11. TURN LEFT (WEST) AT CATTLE GUARD ONTO A CALICHE RD. (WEST STILES RD.) GO WEST ON CALICHE RD. FOR 3.0 MILES TO A TEE IN RD. GO LEFT (SOUTH) ON CALICHE RD. FOR APPROX. 0.7 MILES. THIS LOCATION IS APPROX. 0.2 MILES WEST. THE DOS MAS #1 LOCATED 1848' FROM THE SOUTH LINE AND 1153' FROM THE EAST LINE OF SECTION 12, TOWNSHIP 17 SOUTH, RANGE 35 EAST, LEA COUNTY, NEW MEXICO Survey Date: 03/04/04 Sheet 1 of 1 Sheets W.O. Number: 04.11.0247 DRAWN BY: A.W.B	DIRECTIONS TO LOCA	A <i>TION:</i>					
RD. (WEST STILES RD.) GO WEST ON CALICHE RD. FOR 3.0 MILES TO A TEE IN RD. GO LEFT (SOUTH) ON CALICHE RD. FOR APPROX. 0.7 MILES. THIS LOCATION IS APPROX. 0.2 MILES WEST. THE DOS MAS #1 LOCATED 1848' FROM THE SOUTH LINE AND 1153' FROM THE EAST LINE OF SECTION 12, TOWNSHIP 17 SOUTH, RANGE 35 EAST, LEA COUNTY, NEW MEXICO Survey Date: 03/04/04 Sheet 1 of 1 Sheets W.O. Number: 04.11.0247 DRAWN BY: A.W.B	ARKANSAS JUNCTION ROJ JUNCTION RD. FOR 11.0	AD. GO NORTH ON ARKANSAS MILES TO MILE MARKER 11.		cale:1"=100			
ON CALICHE RD. FOR APPROX. 0.7 MILES. THIS LOCATION IS APPROX. 0.2 MILES WEST. THE DOS MAS #1 LOCATED 1848' FROM THE SOUTH LINE AND 1153' FROM THE EAST LINE OF SECTION 12, TOWNSHIP 17 SOUTH, RANGE 35 EAST, LEA COUNTY, NEW MEXICO Survey Date: 03/04/04 Sheet 1 of 1 Sheets W.O. Number: 04.11.0247 DRAWN BY: A.W.B	RD. (WEST STILES RD.)	GO WEST ON CALICHE RD.	V-F PETROLEUM INC.				
JOHN WEST SURVEYING COMPANY W.O. Number: 04.11.0247 DRAWN BY: A.W.B	ON CALICHE RD. FOR AF	PPROX. 0.7 MILES. THIS	1848' FROM THE SOU OF SECTION 12, T	TH LINE AND OWNSHIP 1:7 :	1153' FROM THE EAST LINE SOUTH, RANGE 35 EAST,		
JUHN WEST SURVETING COMPANY							
412 N. DAL PASO - HOBBS, NEW MEXICO - 505-393-3117 Date:03/08/03 DISK: CD#10 04.11.0247 Scale:1"=100'			W.O. Number: 04.11.0 Date:03/08/03 DISK:		AWN BY: A.W.B 04.11.0247 Scale:1"=100'		

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VICINITY MAP

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. 19.	20	21	SS	23	24	19	20 DHYC	51	22	23	54 SG R	7 19 2 7 7

SCALE: 1" = 2 MILES

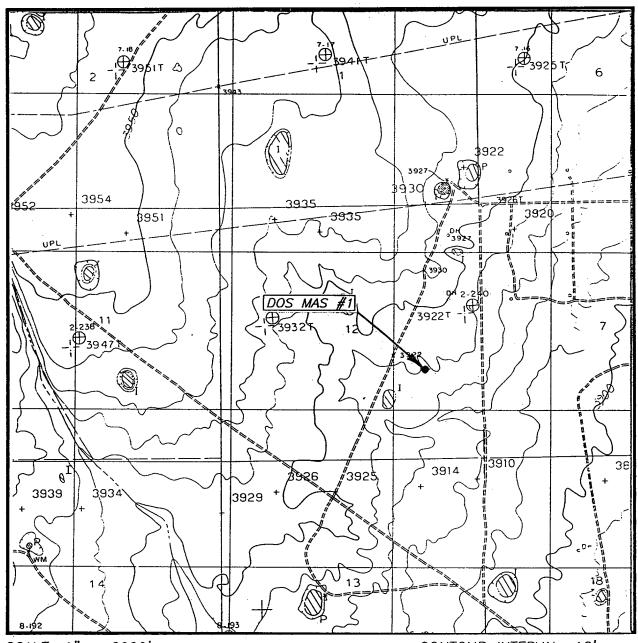
SEC. <u>12</u>	TWP. <u>17-S</u>	RGE. <u>35-E</u>
SURVEY	N.M.P.M.	
COUNTY	LEA	
	1848' FSL &	
ELEVATION	3921'	
	V-F PETROLI	

LEASE_______DOS MAS

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



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'
LOVINGTON SW, N.M.

SEC. <u>12</u>	TWP. <u>17-S</u>	RGE. <u>35–E</u>
SURVEY	N.M.P.M	•
COUNTY	LEA	
DESCRIPTION	1848' FSL	& 1153' FEL
	3921	
OPERATOR_	V-F PETRO	LEUM INC.
LEASE	DOS MAS	
U.S.G.S. TOP	OGRAPHIC M	AP

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

V-F Petroleum Inc Dos Mas # 1

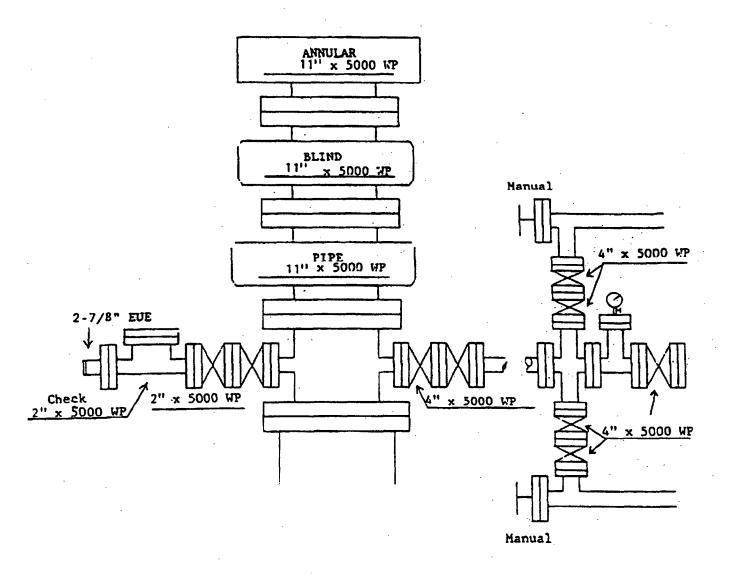


Exhibit 1