

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address V-F Petroleum, Inc. 110 N. Marienfeld St., Suite 580, Midland, TX 79701		² OGRID Number 024010
³ Property Code 25882		⁴ Property Name Deuce Coupe 20 State Com
		⁵ API Number 30-025-35031
		⁶ Well No. 1

⁷ Surface Location

UL or lot no. K	Section 20	Township 16S	Range 35E	Lot Idn	Feet from the 1400	North/South line South	Feet from the 1760	East/West line West	County Lea
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⁸ Proposed 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
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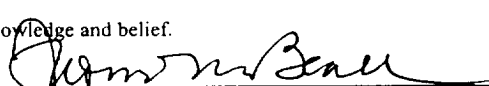

⁹ Proposed Pool 1 Shoe Bar (Atoka) Gas	¹⁰ Proposed Pool 2 Wildcat (Morrow) Gas
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¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3996
¹⁶ Multiple No	¹⁷ Proposed Depth 13,100'	¹⁸ Formation Atoka	¹⁹ Contractor NA	²⁰ Spud Date NA

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	48	450	440	Surface
11	8-5/8	32	5000	1800	Surface
7-7/8	5-1/2	17	13100	1200	4800

²² 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. It is proposed to drill a 17-1/2" hole to +450' with FW, set 13-3/8" csg and cement csg back to surface. An 11" intermediate hole will then be drilled to +5000' w/cut brine system and 8-5/8" csg will be set and cemented back to surface. A 3000 psi annular preventer and 3000 psi dual ram BOP will be used on the intermediate hole. A 7-7/8" hole will be drilled to an approximate TD of 13,100' w/FW mud. 5-1/2" csg will be set @ TD and cemented back to the intermediate csg @ 5000'. A 3000 psi annular preventer and a 5000 psi dual ram BOP will be used on the 7-7/8" hole. Mud up will be between 9000' and 11000'. Several DST's are planned.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature:  Printed name: Thomas M. Beall Title: Agent Date: May 5, 2000 Phone: 915-683-3344		OIL CONSERVATION DIVISION Approved by:  Title: Approval Date: MAY 17 2000 Expiration Date: Conditions of Approval: Attached <input type="checkbox"/>	
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Permit Expires 1 Year From Approval
Date Unless Drilling Underway