

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
May 27, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

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

Operator Name and Address V-F PETROLEUM, INC. 550 WEST TEXAS SUITE 230 MIDLAND, TEXAS 79702		2 OGRID Number 024010
Property Code		3 API Number 30 - 015-34091
Property Name SUNDANCE "16" STATE		Well No. 1
Proposed Pool 1 POKER LAKE-DELAWARE		Proposed Pool 2

7 Surface Location									
UL or lot no. A	Section 16	Township 24S	Range 31E	Lot Idn	Feet from the 660'	North/South line NORTH	Feet from the 660'	East/West line EAST	County EDDY

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

Additional Well Information				
11 Work Type Code N	12 Well Type Code O	13 Cable/Rotary ROTARY	14 Lease Type Code S	15 Ground Level Elevation 3488'
16 Multiple NO	17 Proposed Depth 8500'	18 Formation DELEWARE	19 Contractor UNKNOWN	20 Spud Date WHEN APPROVED
Depth to Groundwater 350'		Distance from nearest fresh water well .5 mi		Distance from nearest surface water 1.5 mi
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 16M bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

21 Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25"	20"	NA	40'	Redi-mix	Surface
17 1/2"	13 3/8"	54.5	650'	675 Sx.	Surface
12 3/4"	8 5/8"	24 & 32	4200'	1450 Sx.	Surface
7 7/8"	5 1/2"	17 & 15.5	8500'	1200 Sx.	4000' F.Surface

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.

SEE ATTACHED SHEET

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input checked="" type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name: Joe T. Janica		Approved by: TIM W. GUM	
Title: Agent		DISTRICT II SUPERVISOR	
E-mail Address:		Approval Date: APR 29 2005 Expiration Date: APR 29 2006	
Date: 04/27/05	Phone: 505-391-8503	Conditions of Approval Attached <input type="checkbox"/>	

V-F PETROLEUM, INC.  
SUNDANCE "16" STATE # 1  
660' FNL & 660' FEL  
SECTION 16 T24S-R31E  
EDDY CO. NEW MEXICO

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17½" hole to 650'. Run and set 650' of 13 3/8" 54.5# J-55 ST&C casing. Cement with 675 Sx. of Class "C" cement + 2% CaCl, + ¼# Flocele/Sx., circulate cement to surface.
3. Drill 12¼" hole to 4200'. Run and set 4200' of 8 5/8" 24 & 32# J-55 ST&C casing. Cement with 1450 Sx. of Class "C" cement + additives, circulate cement to surface.
4. Drill 7 7/8" hole to 8500'. Run and set 8500' of 5½" 17 & 15.5# J-55 LT&C casing. Cement with 1200 Sx. of Class "H" Premium Plus cement + additives, estimate top of cement 4000' from surface.



APRIL 27, 2005

OIL CONSERVATION DIVISION  
ARTESIA DISTRICT  
1301 WEST GRAND AVENUE  
ARTESIA, NEW MEXICO 88210

Re: H<sub>2</sub>S presence or the lack of.

Att: Mr. Bryan Arant

Dear Bryan:

I have checked with The Bureau of Land Management in the Rosewell Field Office as to the possibility of H<sub>2</sub>S being present in the area where this well is being drilled and they do not find any record of the presence of H<sub>2</sub>S being encountered in drilling of any wells in that area.

Sincerely,

A handwritten signature in cursive script, reading "Joe T. Janica", is written over the typed name.

Joe T. Janica  
Agent for  
V-F PETROLEUM, INC  
550 WEST TEXAS AVE.  
SUITE 230  
MIDLAND, TEXAS 79701

## State of New Mexico

## DISTRICT I

1625 N. FRENCH DR., HOBBES, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

## DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

## OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 50382	Pool Name POKER LAKE-DELAWARE
Property Code	Property Name SUNDANCE 16 STATE	Well Number 1
OGRID No. 024010	Operator Name V-F PETROLEUM, INC.	Elevation 3488'

## Surface Location

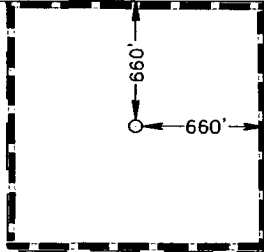
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	16	24-S	31-E		660	NORTH	660	EAST	EDDY

## 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

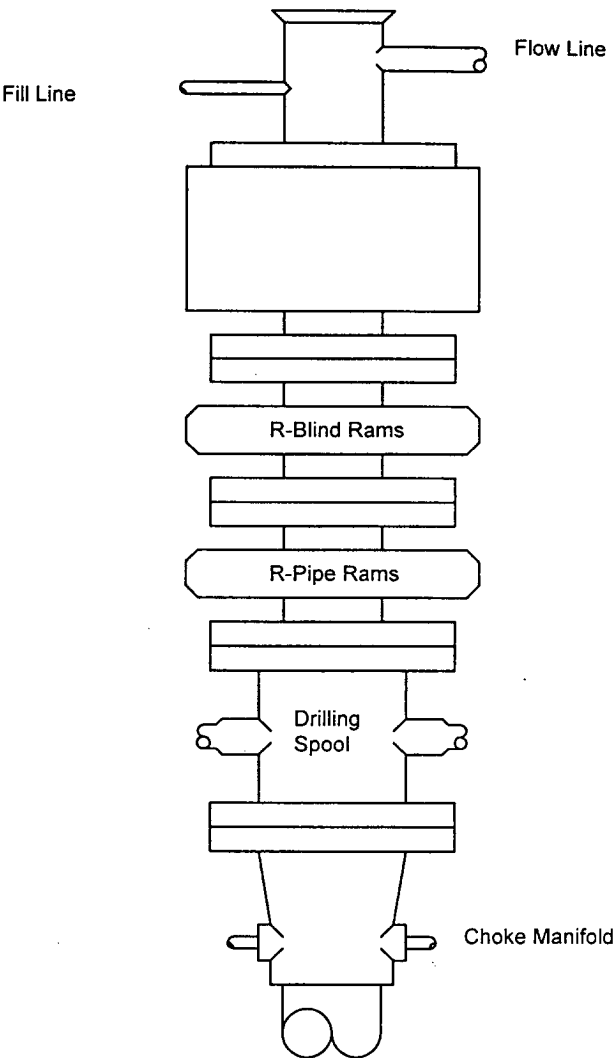
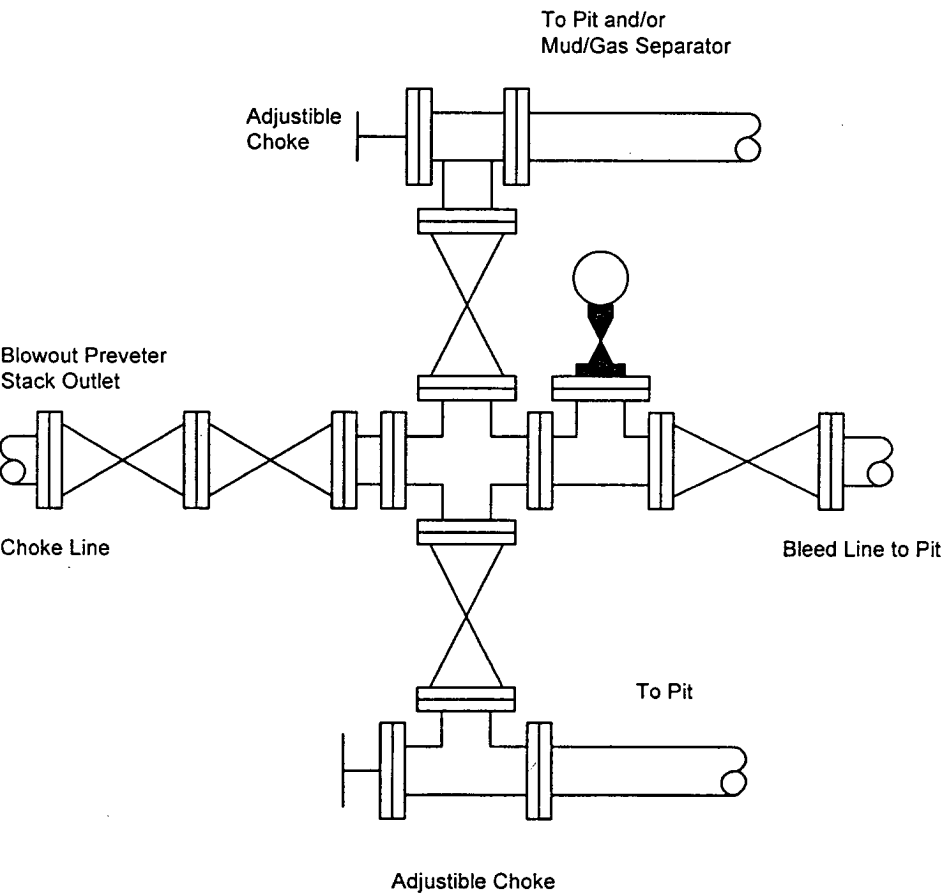
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<b>OPERATOR CERTIFICATION</b> I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature Joe T Janica Printed Name Agent Title 04/27/05 Date	
	<b>SURVEYOR CERTIFICATION</b> 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 supervision, and that the same is true and correct to the best of my belief. APRIL 26, 2005 Date Surveyed Signature & Seal of Professional Surveyor GARY EIDSON 05-11-0656 Certificate No. GARY EIDSON 12641	
	GEODETIC COORDINATES NAD 27 NME Y=445174.8 N X=672389.8 E LAT.=32°13'21.62" N LONG.=103°46'33.17" W	

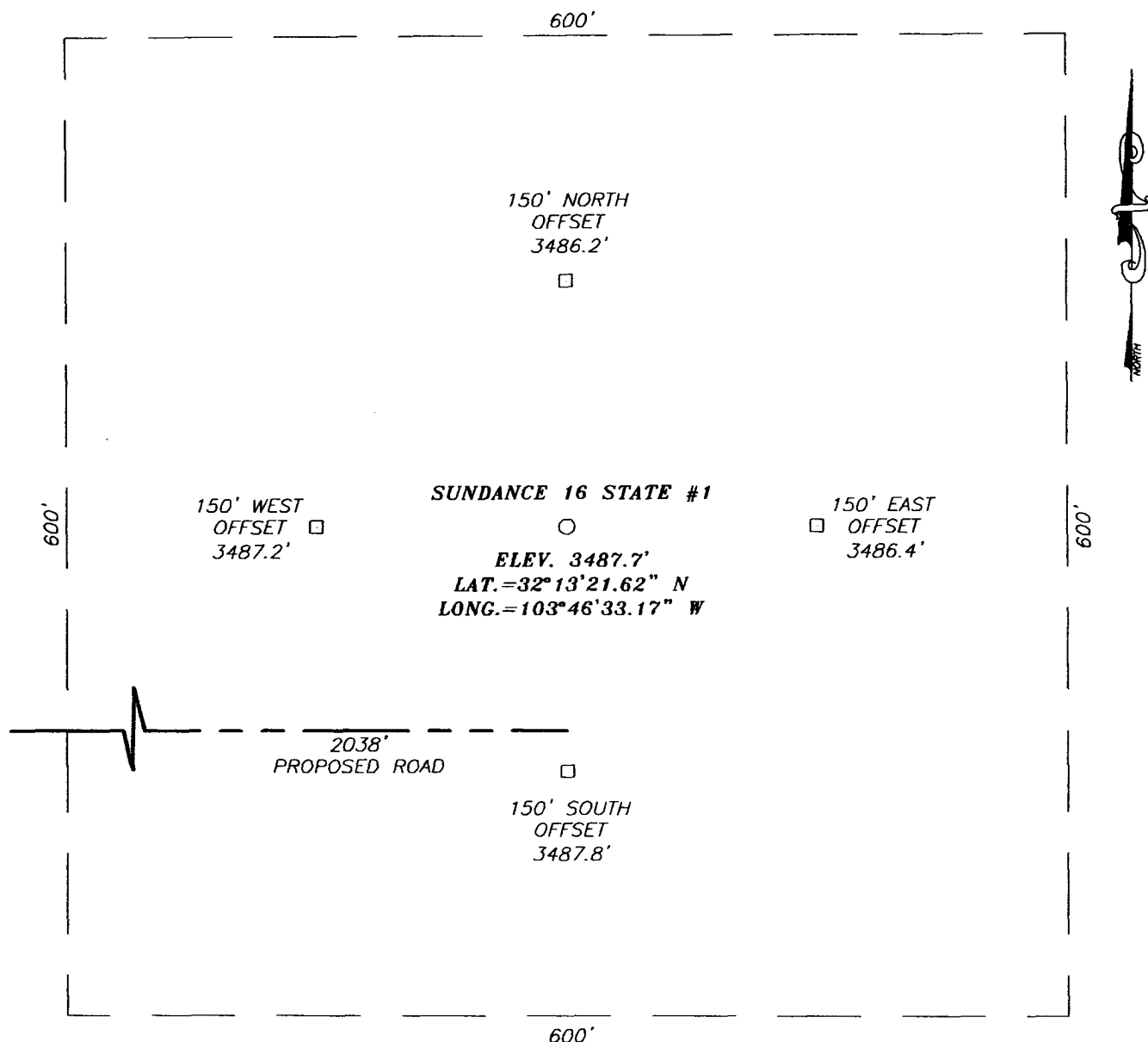
# BLOWOUT PREVENTER SYSTEM

Choke Manifold Assembly for 3M WP System



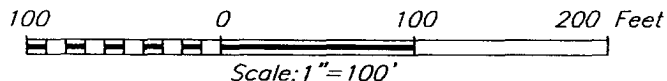
Type 900 Series  
3000 psi WP

**SECTION 16, TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M.,**  
 EDDY COUNTY, NEW MEXICO



**DIRECTIONS TO LOCATION**

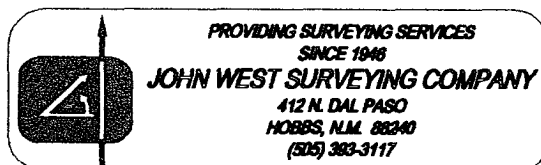
FROM THE INTERSECTION OF ST. ROAD #128 AND BUCK JACKSON RD. (C.R. 786), GO SOUTHWEST ON BUCK JACKSON APPROX. 2.9 MILES TO A LEASE ROAD GOING WEST. GO WEST APPROX. 1.1 MILES TO A TWO TRACK ROAD TO THE NORTH, ALONG A POWER LINE. GO NORTH APPROX. 0.6 MILES. THIS LOCATION IS 600 FEET TO THE WEST.



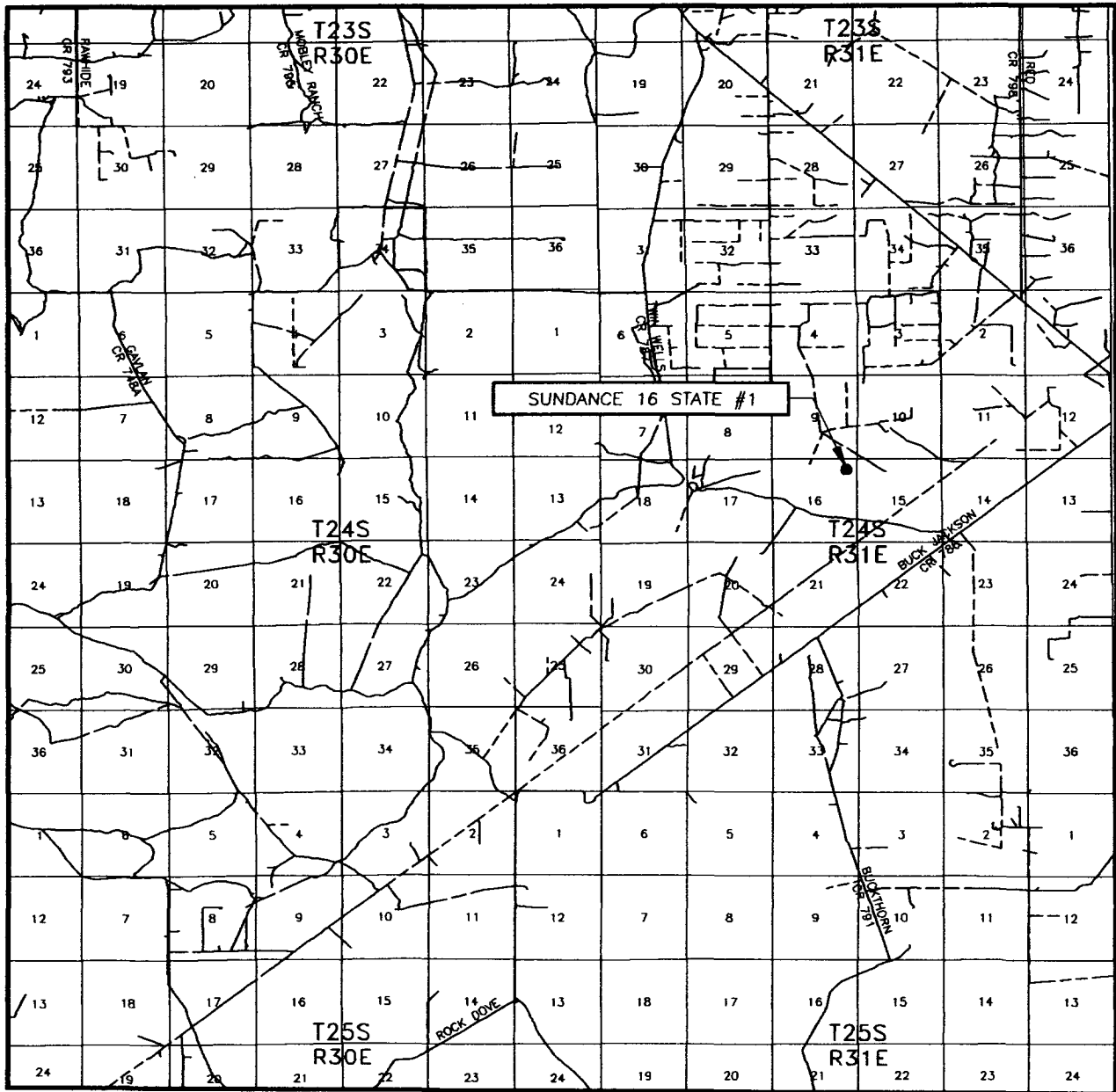
**V-F PETROLEUM, INC.**

SUNDANCE 16 STATE #1 WELL  
 LOCATED 660 FEET FROM THE NORTH LINE  
 AND 660 FEET FROM THE EAST LINE OF SECTION 16,  
 TOWNSHIP 24 SOUTH, RANGE 31 EAST, N.M.P.M.,  
 EDDY COUNTY, NEW MEXICO.

Survey Date: 04/26/05	Sheet 1 of 1 Sheets
W.O. Number: 05.11.0656	Dr By: DEL
Date: 04/27/05	Disk: CD#4
05110656	Scale: 1"=100'

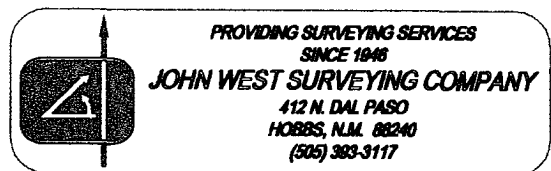


# VICINITY MAP

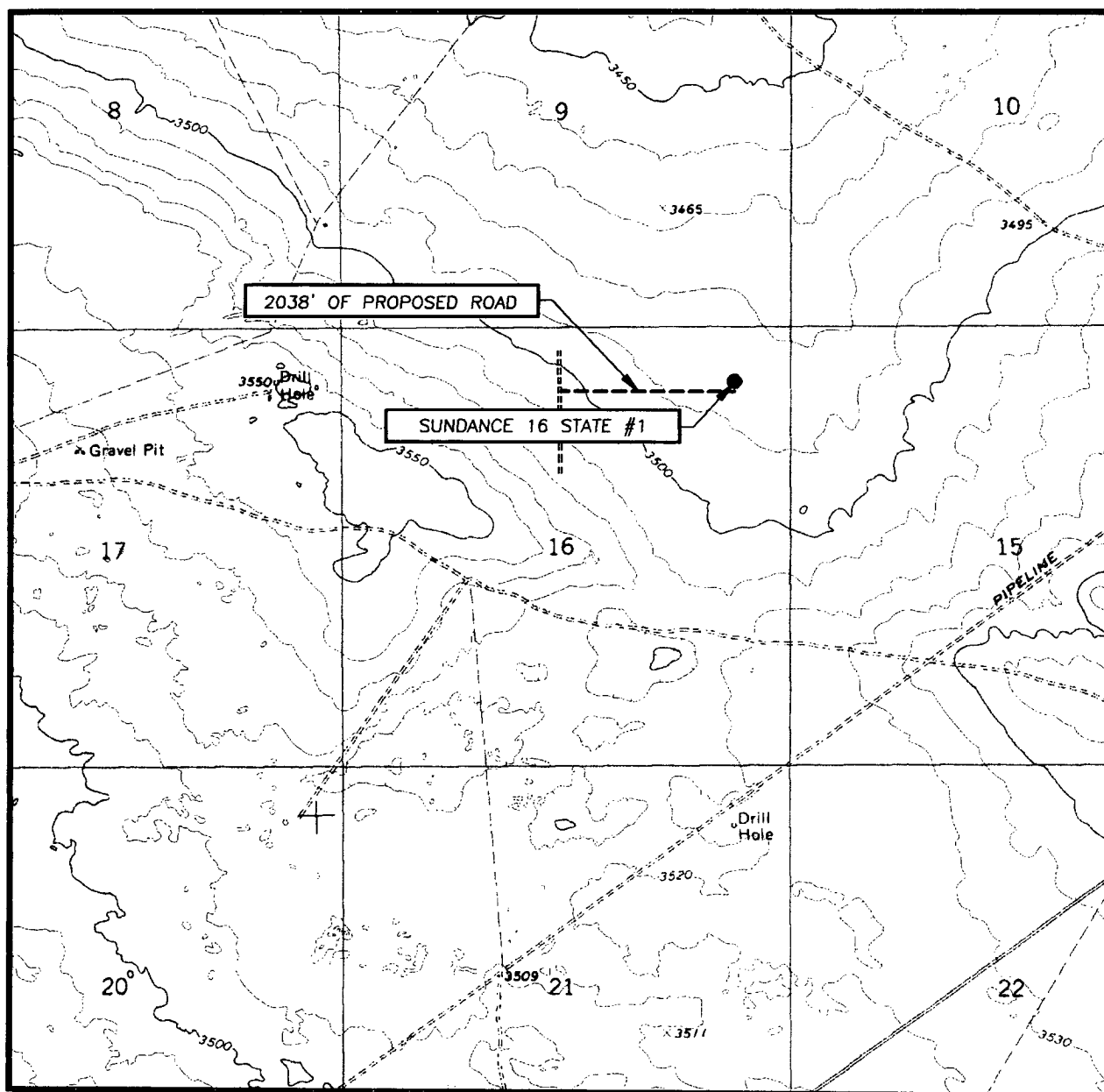


SCALE: 1" = 2 MILES

SEC. 16 TWP. 24-S RGE. 31-E  
 SURVEY N.M.P.M.  
 COUNTY EDDY  
 DESCRIPTION 660' FNL & 660' FEL  
 ELEVATION 3488'  
 OPERATOR V-F PETROLEUM, INC.  
 LEASE SUNDANCE 16 STATE



# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
BIG SINKS, N.M. - 10'

SEC. 16 TWP. 24-S RGE. 31-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 660' FNL & 660' FEL

ELEVATION 3488'

OPERATOR V-F PETROLEUM, INC.

LEASE SUNDANCE 16 STATE

U.S.G.S. TOPOGRAPHIC MAP  
BIG SINKS, N.M.

