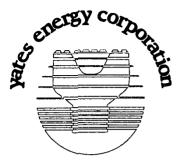
OFLICONSERVENCEN DIVISION RETEINED

195 JAM N AN 8 52



January 3, 1996

State of New Mexico Oil Conservation Division Attn: William LeMay 2040 S. Pacheco Santa Fe, New Mexico 87505

Re: Unorthodox well location Diamondback Federal #1 350' FEL & 2350' FNL Section 19, T-24-S, R-24-E Eddy County, New Mexico

Dear Mr. LeMay:

Yates Energy Corporation respectfully requests that the OCD administratively approve in accordance with the Rules and Regulations, an unorthodox location for the subject well in Eddy County. This request is made for environmental and topographic reasons and has the support of the Bureau of Land Management

The original location submitted in 1991 by Yates Energy for the Diamondback Federal #1 was an orthodox location in the SE/4 of Section 19. The APD for that well prompted the BLM to perform an Environmental Assessment and ultimately led to the *Final Dark Canyon Environmental Impact Statement* which was published by the BLM in December, 1993. In addition, Federal Legislative action in 1993 also established a "Cave Protection Zone" which instituted no surface occupancy in the SE/4 of Section 19. As a result of the EIS and the Cave Protection Act, the location was moved to an unorthodox location at 2400' FNL & 550' FEL to protect cave resources in the area. The location was again modified by the BLM to the current location of 2350' FNL & 350' FEL after surface inspection due to the close proximity of an arroyo. The location will be a Morrow test with an E/2, 320 acre proration unit.

Subsurface geology supports a well location at either an orthodox or the unorthodox location. Yates Energy believes that directional drilling is not necessary and would unduly increase the cost of the well. We propose that the well be drilled vertically.

The following attachments are enclosed for your review:

- 1. Notice of Staking for the 2400' FNL & 550' FEL location, dated 10/27/95.
- 2. BLM Special Drilling Stipulations for Diamondback Federal #1, (#1-G location as named in the EIS), moving the location 200' east and 50' north.
- 3. BLM APD for the amended location, dated 11/10/95.
- 4. Map showing well location and NSO acreage with Cave Protection Zone boundaries.
- 5. Topographic map showing proposed location and orthodox "windows" with offset owner information.

Notice and a waiver form has been sent to Yates Petroleum Corporation as the only offset operator to this proration unit. We anticipate receiving the waiver within the next week and will forward as soon as possible.

Please review the attached data at your earliest convenience. Should you have any questions, or require additional information, please advise.

Respectfully submitted, YATES ENERGY GORPORATION

Kirk Ross Engineer

CC:

OCD - Artesia BLM - Carlsbad

OIL CONSERVENTION DIVISION RECEIVED

196 JAN 26 AM 8 52



January 24, 1996

State of New Mexico Oil Conservation Division Attn: William LeMay 2040 S. Pacheco Santa Fe, New Mexico 87505

Re: Unorthodox well location Diamondback Federal #1 500' FEL & 2320' FNL - amended Section 19, T-24-S, R-24-E Eddy County, New Mexico

Dear Mr. LeMay:

Please find attached a BLM Sundry Notice amending the proposed unorthodox location for the above referenced well. The latest revision was necessary to avoid cultural resources. Please attach to our application dated January 3, 1996 for administrative approval of the unorthodox location.

Also attached is a waiver from Yates Petroleum Corporation which is the only offset operator in the area affected by the application.

Please review the attached data at your earliest convenience. Should you have any questions, or require additional information, please advise.

Respectfully submitted, YATES ENERGY CORPORATION

Kirk Ross Engineer

cc: OCD - Artesia BLM - Carlsbad MARTIN YATES, III 1912 - 1985 FRANK W. YATES 1936 - 1986



105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210 TELEPHONE (505) 748-1471

January 23, 1996

S. P. YATES CHAIRMAN OF THE BOARD JOHN A. YATES PRESIDENT PEYTON YATES EXECUTIVE VICE PRESIDENT RANDY G. PATTERSON SECRETARY DENNIS G. KINSEY TREASURER

(C)'un JAN 2 4 1996

Attention: Kirk Ross Yates Energy Corporation P. O. Box 2323 Roswell, New Mexico 88202

RE:

Diamondback Federal #1 <u>Township 24 South, Range 24 East, NMPM</u> Section 19 Eddy County, New Mexico

Gentlemen:

As per your request, enclosed is one (1) copy of wavier for unorthodox location for the captioned well, as set out in your January 3, 1996 letter. Said waiver has been executed on behalf of Yates Petroleum Corporation.

Very truly yours,

#### YATES PETROLEUM CORPORATION

Kathy H. Porter, CPL Landman

KHP/sls Enclosure(s)

### WAIVER

As an offset operator, **YATES PETROLEUM CORPORATION**, waives any objection before the New Mexico Oil Conservation Division for **YATES ENERGY CORPORATION** to drill it's Diamondback Federal #1 at an unorthodox location of  $350^{\circ}$   $500^{\circ}$  FEL and  $2350^{\circ}$  FNL of Section 19, T-24-S, R-24-E, Eddy County, New Mexico, for a 320 acre gas spacing and proration unit comprising the east half of Section 19.

By:

Company:	YATES	PETROLEUM	CORPORATION
COMPANY.			COLCOLGITION

Date: 1-23-96



January 12, 1996

TIFC

United States Department of Interior Bureau of Land Management Attn: Richard Manus P.O. Box 1778 Carlsbad, New Mexico 88221-1778

Re: Diamondback Federal #1 Sec. 19, T-24-S, R-24-E Eddy County, New Mexico

Dear Mr. Manus:

Attached is a Sundry Notice for the referenced well, amending the surface location to 2320' FNL & 500' FEL of Section 19. The location move is requested after meeting with Mr. Tony Ferguson of the Roswell District office on January 10th, and is necessary to avoid an Archeological site found east of the original location.

Should you have any questions, or require any additional information, please advise.

Yours truly, YATES ENERGY CORPORATION

Kirk Ross Engineer

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October 27, 1995

Bureau of Land Management Carlsbad Resource Area P.O. Box 1778 Carlsbad, New Mexico 88220

Re: Diamondback Federal #1 Diamondback Federal #2 NM-62161 Notice of Staking Sec 19, T-24-S, R-24-E Eddy County, New Mexico

Dear Sirs:

Please find attached the Notice of Staking forms for the two recent wells staked in the Dark Canyon Area.

Please contact me at 505-623-4935 if there are any questions or problems with the attached forms.

Yours truly,

Kirk Ross Engineer

NOTICE OF STAKING	6. Lease Number
(Not to be used in place of Application for Permit to Drill Form 3160-3)	NM- 62161
1. Oil Well Gas Well Conter (Specify)	7. If Indian, Allottee or Tribe Name
2. Name of Operator:	8. Unit Agreement Name
VATTES ENERGY CORPORATIONI	
3. Name of Specific Contact Person:	9. Farm or Lease Name
KIRN ROSS 505-623-4435	DIAMONOBACE FORFRAL
4. Address & Phone No. of Operator or Agent	10. Well No.
P.D. Box 2323 ROSWELL, NM 88202	± /
5. Surface Location of Well	ll. Field or Wildcat Name
2400' FNL & 550' FEL	WILDCAT
<ul> <li>Attach: a) Sketch showing road entry onto pad, pad dimensions, and reserve pit.</li> <li>b) Topographical or other acceptable map showing location, access road, and lease boundaries.</li> </ul>	
15. Formation Objectives(s) 16. Estimated Well Depth 10, 450	13. County, Parish 14. State or Borough EOOY NM
17. Additional Information (as appropriate; shall address and, if known, telephone number)	include surface owner's name,
18. Signed Z. Title Free	SWEER Date 10/26/95
Note: Upon receipt of this Notice, the Bureau of schedule the date of the onsite predrill in accordingly. The location must be staked an prior to the onsite.	spection and notify you
Operators must consider the following prior a) H <sub>2</sub> S Potential b) Cultural Resources (Archaeology) c) Federal Right of Way or Special Use Per	

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IMPORTANT: SEE REVERSE SIDE FOR INSTRUCTIONS

DISTRICT I P.O. Box 1980, Hobbs, NM 88241-1980

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DISTRICT H P.O. Drawer DD, Artesia, NM 88211-0719

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DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV P.O. BOX 2088, SANTA FE, N.M. 87504-2088 State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

#### 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 N	Pool Name		
Property Code	-	Property Name DIAMONDBACK FEDERAL			
OGRID No.	Oper	ator Name RGY CORPORATION	Elevation 4289		

#### Surface Location

JL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Н	19	24 S	24 E		2400	NORTH	550	EAST	EDDY

Bottom Hole Location If Different From Surface

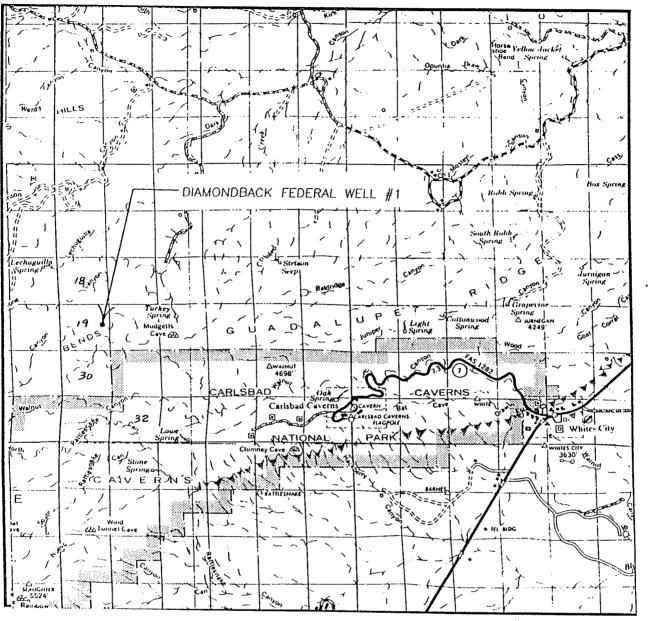
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
			1				L	L	I
Dedicated Acres	Joint of	r Infill Co	nsolidation (	Code Or	der No.				
				1					

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

	7 <del></del> /		[
			OPERATOR CERTIFICATION
			I hereby certify the the information
	1		contained herein is true and complete to the
			best of my knowledge and belief.
		2400' *	
		<u> </u>	Signature
	Į		Printed Name
	I		
			Title
		4300.3' 4279.6'	
			Date
	· 	4293.7'4280.3'	SURVEYOR CERTIFICATION
	1	1	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
	l		supervison, and that the same is true and correct to the best of my belief.
			OCTOBER 3, 1995
			Date Surveyed SJA
	1		Professional Surveyor
	1	4	
			I III AND ON STATES
			Conold Bidson 10-05-95
			W.O. Num. 98-11-1506
			1 /
	1		Certificate No. JOHN W WEST 676 RONALD J. EIDSON 3239
			GARY EIDSON 12641
L		······································	and the second

VICINITY MAP

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SEC. 19 TWP. 24-S RGE. 24-E

- SURVEY\_\_\_\_\_N.M.P.M.
- COUNTY\_\_\_\_EDDY

DESCRIPTION 2400' FNL & 550' FEL

ELEVATION 4289

OPERATOR <u>YATES ENERGY COPORATION</u> LEASE <u>DIAMONDBACK FEDERAL</u> SCALE: 1'' = 2 MILES

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

1sf3

#### SPECIAL DRILLING STIPULATIONS

#### THE FOLLOWING DATA IS REQUIRED ON THE WELL SIGN

OPERATOR'S NAME	ates Energy Corp	WELL NO. & NAME	#1-G
LOCATION	F L& F L	SEC. , T.	., R
LEASE NO.	COUNTY	STATE	

The special stipulations check marked below are applicable to the above described well and approval of this application to drill is conditioned upon compliance with such stipulations in addition to the General Requirements. The permittee should be familiar with the General Requirements, a copy of which is available from a Bureau of Land Management office. EACH PERMITTEE HAS THE RIGHT OF ADMINISTRATIVE APPEAL TO THESE STIPULATIONS PURSUANT TO TITLE 43 CFR 3165.3 and 3165.4.

This permit is valid for a period of one year from the date of approval or until lease expiration or termination whichever is shorter.

#### Τ. SPECIAL ENVIRONMENT REQUIREMENTS

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( ) Lesser Prairie Chicken (Stips attached) () Floodplain (Stips attached) () San Simon Swale (Stips attached) () Other

#### II. ON LEASE - SURFACE REQUIREMENTS PRIOR TO DRILLING

(,) The BLM will monitor construction of this drill site. Notify the ()) Carlsbad Resource Area Office at (505) 887-6544 () Hobbs Office at (505) 393-3612, at least 3 working days prior to commencing construction.

( Roads and the drill pad for this well must be surfaced with 6 inches of compacted caliche.

() All topsoil and vegetation encountered during the construction of the drill site area will be stockpiled and made available for resurfacing of the disturbed area after completion of the drilling operation. Topsoil on the subject location is approximately \_\_\_\_\_\_\_ inches in depth. Approximately \_\_\_\_\_\_ cubic yards of topsoil material will be stockpiled for reclamation.

Wother more Location 200 ft. east and 50 ft. north or 200 ft. east and 200 ft. horth. V-Dour North Couttings pit to the west). Drive were utilizing a closed mud system (See attached).

#### III. WELL COMPLETION REQUIREMENTS

() A Communitization Agreement covering the acreage dedicated to the well must be filed for approval with the BLM. The effective date of the agreement must be prior to any sales.

() Surface Restoration: If the well is a producer, the received pit(s) will be backfilled when dry, and cut-and-fill slopes will be reduced to a slope of 3:1 or less. All areas of the pad not necessary for production must be re-contoured to resemble the original contours of the surrounding terrain, and topsoil must be re-distributed and reseeded with a drill equipped with a depth indicator (set at a depth of 1/2 inch) with the following seed mixture, in pounds of Pure Live Side (PLS), per acre.

( ) A. Seed Mixture 1 (Loamy Site) Lehmanns Lovegrass (Eragrostis lehmannlana) 1.0 Side Oats Grass (Boutelous curtipendula) 5.0 Sand Dropseed (Sporobolus cryptandrus) 1.0

( ) B. Seed Mixture 2 (Sandy Sites) Sand Dropseed (Sporobolus cryptandrus) 1.0 Sand Lovegrass (Eragrostis trichodes) 1.0 Plains Bristlegrass (Setaria magrostachya) 2.0

- ( C. Seed Mixture 3 (Shallow Sites) Sideoats Grama (Boute curtipendula) 1.0 Lehmanns Lovegrass (Bragrostis lenmanniana) 1.0 or Boar Lovegrass (E. chloromalas)
- ( ) D. Seed Mixture 4 ("Gyp" Sites) Alkali Sacaton (Sporobolus airoides) 1.0 Four-Wing Saltbush (Atriplex canescens) 5.0

Seeding should be done either late in the fall (September 15 - November 15, before freeze up) or early as possible the following spring to take advantage of available ground moisture.

() Other

V-Door north (Cuttings Pit to the west). The well will be drilled utilizing a closed mud system (No reserve or mud pits) utilizing an 8 mil lined cuttings pit to hold the cuttings and steel tanks for the mud. The cuttings will be hauled off along with the 8 mil liner upon completion of the drilling to an approved depository site. No blasting will be allowed for the pit, pad, road or cellar area.

#### RESERVE PIT CONSTRUCTION STANDARDS

The process pit shall be constructed entirely in cut material and lined with 86 mil plastic.

Mineral material extracted during construction of the reserve pit may be used for development of the pad and access road as needed. Removal of any additional material on location must be purchased from BLM.

<u>Reclamation</u>: Reclamation of this type of deep pit will consist of pushing the pit walls into the pit when sufficiently dry to support track equipment. The pit liner is NOT TO BE RUPTURED to facilitate drying; a ten month period after completion of the well is allowed for drying of the pit contents. (the pit Liner will be removed)

The pit area must be contoured to the natural terrain with all contaminated drilling mud buried with at least 3 feet of clean soil. The reclaimed area will then be seeded as specified in this permit.

### OPTIONAL PIT CONSTRUCTION STANDARDS

The reserve pit may be constructed in predominantly fill material if:

1) Lined as specified above and,

2) A borrow/caliche/gravel pit can be constructed immediately adjacent to the reserve pit and is capable of containing all reserve pit contents. The mineral material removed in the process can be used for pad and access road construction. However, a material sales contract must be purchased from BLM prior to removal of the material.

Reclamation of the reserve pit consists of bulldozing all reserve pit contents and contaminants into the borrow pit and covering with a minimum of 3 feet of clean soil material. The entire area must be recontoured, all trash removed, and reseeded as specified in this permit.

#### CULTURAL

Whether or not an archaeological survey has been completed and notwithstanding that operations are being conducted as approved, the lessee/operator/grantee shall notify the BLM immediately if previously unidentified cultural resources are observed during surface disturbing operations. From the time of the observation, the lessee/operator/grantee shall avoid operations that will result in disturbance to these cultural resources until directed to proceed by BLM.

#### TRASH PIT STIPS

All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

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NAME OF OPERATOR Yates Ene Address and telephone no.		······································						Diamondbac 9. API WELNO.	<u>k Federal #</u>
P.O. Box	2323	Roswell,	New Mexico	88202	505-	623-493	35	10. FIELD AND POOL,	OR WILDCAT
LOCATION OF WELL (R At surface					requirem	ents.*)		Serpentine	e Bends
2350' FNL At proposed prod. zor		FEL						11. SEC., T., R., M., OI AND SURVEY OR Sec. 19. T-	BLK. ARBA -24-S, R-24-
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10 miles		Whites C	ity, NM					Eddy	NM
DISTANCE FROM PROP LOCATION TO NEARES PROPERTY OR LEASE (Also to nearest dr)	T LINE, FT. g. unit line,		350'		1281.	58	тот	HIS WELL 32	0
. DISTANCE FROM PROI TO NEAREST WELL, I OR APPLIED FOR, ON TH	RILLING, CO	MPLETED,	N/A	19, <b>р</b> короз	10,4		20. ROTA	BY OR CABLE TOOLS TOTATY	
ELEVATIONE (Show wh 4-279 ' (Est)	ether DF, R			1		<u></u>	<u> </u>	22. APPROX. DATE 1	WORK WILL START*
			PROPOSED CASI	ING AND CE	MENTIN	B PROGRAM	vi	······································	
SIZE OF HOLE	GRADE, S	IZE OF CASING	WEIGHT PER F	00T	BETTING	DEPTH		QUANTITY OF CEM	
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12 1	85	/8''	32#		2400 <b>'</b>		1 1000	sx - circula	te
7 7/8"	5 1,		17#		10450'			sx – circula	
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Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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#### YATES ENERGY CORPORATION Diamondback Federal #1 2350' FNL & 350' FEL Section 19, T-24-S, R-24-E Eddy County, New Mexico

In conjunction with Form 3160-3, Application for Permit to Drill, Yates Energy Corporation submits the following items of pertinent information in accordance with BLM requirements:

1. The estimated tops of geological markers are as follows:

Base Capitan Reef	2,285'
Delaware Pay	2,890'
Bone Spring	3,330'
Wolfcamp	7,730'
Strawn	9,020'
Atoka	9,120'
Morrow Sands	9,960'
Lower Morrow	10,160'
Barnett	10,400'
TD	10,450'

2. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water	" Approximately 300'
Oil	Delaware
Gas	Wolfcamp, Atoka, Morrow

3. Pressure control equipment:

BOP equipment will be installed on the 8 5/8" casing consistent with API RP 53. A schematic of the BOP is shown in Exhibit "D". Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventor controls will be installed and will remain in use until the well is completed or abandoned. Preventors will be inspected and operated at least once daily to ensure good mechanical working order. This inspection will be recorded on the daily drilling report.

Auxiliary Equipment:

Exhibit "E" is a sketch of the proposed choke manifold. A kelly cock, pit level indicator, flow sensor equipment and a sub with a full opening valve to fit the drill pipe and collars will be available on the rig floor at all times.

- 4. Proposed Casing and Cementing Program:
  - A. Casing Program:

<u>Hole Size</u>	Casing	WT/ft	Grade	Tread	Interval	Length
17 1/2"	13 3/8"	48#	H40	8RD ST&C	0'-350'	350'
12 1/4"	8 5/8"	32#	J55	8RD ST&C	0'-2400'	2400'
7 7/8"	5 1/2"	17#	N80	8RD LT&C	0'-1600'	1600'
7 7/8"	5 1/2"	17#	K55	8RD LT&C	1600'-8300'	6700'
7 7/8"	5 1/2"	17#	N80	8RD LT&C	8300'-10450'	2150'

B. Cementing Program:

Surface Casing:	200 sx Lite Premium Plus w/ 1/2#/sk Flocele & 5# Gilsonite				
	followed by 250 sx Premium Plus, 2% CaCl <sub>2</sub>				
Intermediate Casing:	750 sx Lite Premium Plus w/ 1/2#/sk Flocele & 10#				
	Gilsonite followed by 250 sx Premium Plus, 2% CaCl <sub>2</sub>				
Production Casing:	1st Stage: 700 sx Premium w/ 0.3% Halad-322, 0.4%				
	Halad-344, 5# KCI.				
	DV tool @ 7500'				
	2nd Stage: 1060 sx Lite Premium, 1/4# Flocele, 5# salt				
	followed by 100 sx Premium neat.				

#### 5. Mud program:

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Interval	Туре	<u>Weight</u>	Viscosity	Fluid Loss
0'-300'	Fresh spud	8.3# - 8.6#	30 - 40	N/C
300' - 2400'	Fresh water	8.3#	28	N/C
2400' - 9000'	Cut Brine	8.6# - 8.8#	28	N/C
9000' - TD	XC/Starch	8.6# - 9.2#	34 - 38	8 - 10 cc

Sufficient mud and materials to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations. Mud will be checked hourly by rig personnel.

#### 6. Evaluation Program:

Samples:	10' samples from 2400' - TD.
Logging:	CNL-LDT from TD to 2400'.
	GR-CNL from 2400' - surface.
	DLL-MSFL from TD to 2400'.
Coring:	None planned
DST's:	As warranted by drilling breaks and shows.

#### 7. Abnormal conditions and potential hazards:

Anticipated BHP:	9.2#/gal gradient
Lost Circulation:	Surface and Intermediate holes
H <sub>2</sub> S zones:	None anticipated
Maximum BHT:	150° F

#### 8. Anticipated starting date:

Plans are to drill this well 30-60 days after receiving approval. it should take approximately 45 days to drill this well with completion taking another 10 days.

#### MULTI-POINT SURFACE USE AND OPERATIONS PLAN Diamondback Federal #1 2350' FNL & 350' FEL Section 19, T-24-S, R-24-E Eddy County, New Mexico

This plan is submitted with Form 3160-3, Application for Permit to Drill, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of the surface disturbance involved and the procedures to be followed in the rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effects associated with the operations.

#### 1. EXISTING ROADS:

Exhibit A is a portion of the USGS topographic map showing the well location. The proposed wellsite is located approximately 23 miles southwest of Carlsbad, New Mexico and the access route to the location is indicated in yellow and green on Exhibit "A-1" and "A-2".

#### DIRECTIONS:

- 1. Go south of Artesia on US 285 to State Hyw 137 (Sitting Bull Falls Road), turn west.
- 2. Go 20.5 miles on Hwy 137 to Eddy CR 408 (Dark Canyon Hwy), turn left.
- 3. Go 7.6 miles on 408, turn south on existing caliche road. (Lechuguilla Canyon Road).
- 4. Go 1.6 miles to fork, lake left fork.
- 5. Go 0.6 miles to "T", turn right.
- 6. Go approximately 4.8 miles.
- 7. New road to begin here, turn right.

#### 2. PLANNED ACCESS ROAD:

- A. The proposed new access road will be approximately 600' in length from the point of origin to the northeast of the drilling pad. The road will lie in a northeast to southwest direction.
- B. The new road will be 14 feet in width and will be adequately drained to control runoff and soil erosion.
- C. The new road will be flat bladed with drainage on one side if necessary. No traffic turnouts will be required.
- D. The route of the road is flagged with blue flagging.
- E. Existing roads will be maintained in the same or better condition.
- 3. LOCATION OF EXISTING WELLS:
  - A. Existing wells within a two mile radius are shown on Exhibit "B".

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

- A. There are no production facilities on this lease at the present time.
- B. In the event that the well is productive, the necessary production facilities will be installed on the drilling pad. If the well is productive of oil, a gas or diesel self-contained power unit will be used to provide the necessary power. No power will be required if the well is productive of gas.

#### 5. LOCATION AND TYPE OF WATER SUPPLY:

A. It is planned to drill this well with fresh water and a cut brine system. The fresh water will be obtained from a private water well in the vicinity and will be piped by a temporary polyethylene pipe on the surface to the drilling pad. Brine water and additional fresh

water if necessary will be obtained from a commercial source and will be trucked to the location over existing and proposed roads shown in Exhibit "A".

#### 6. SOURCE OF CONSTRUCTION MATERIALS:

A. Material to construct the pad and proposed road will be obtained from the extracted material from the cuttings pit. If additional material is needed, this material will be obtained from the closest caliche pit in the area and the Contractor will be responsible for obtaining any permits and pay any fees. The topsoil, if any, will be stockpiled near the location for future rehabilitation use.

#### 7. METHODS OF HANDLING WASTE DISPOSAL:

- A. The well will be drilled utilizing a closed mud system with no reserve pit. Drill cuttings will be disposed of in a specially constructed cuttings pit. The pit will be lined with 8 mil thick plastic. The pit will be backfilled after the drill cuttings are dry and able to support tracked machinery.
- B. Drilling fluids will be contained in steel tanks during drilling operations in a closed mud system. After completion of drilling operations, the mud will be hauled off location and disposed of in an approved disposal facility.
- C. All pits will be fenced with normal fencing material to prevent livestock from entering the area.
- D. Water produced during operations will be collected in tanks until hauled to an approved disposal system, or separate disposal application will be submitted to the BLM for approval.
- E. Oil produced during operations will be stored in tanks until sold.
- F. All trash, junk, and other waste material will be contained in trash trailers or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill.
- G. All trash and debris will be removed from the wellsite within 30 days after finishing drilling and/or completion operations.
- 8. ANCILLARY FACILITIES:
  - A. No airstrip, campsite, or other facilities will be built as a result of this operation.

#### 9. WELLSITE LAYOUT:

- A. Exhibit "C" shows the relative location and dimensions of the well pad, the cuttings pit, the location of the drilling equipment, rig orientation and access road approach.
- B. The cuttings pit area will be plastic lined.
- C. A 400' X 400' area has been staked and flagged.
- 10. PLANS FOR RESTORATION:
  - A. After completion of the drilling and/or completion operations, all equipment and other material not needed for the future operations will be removed. The location will be cleaned of all trash and junk to leave the wellsite in as aesthetically pleasing a condition as possible.
  - B. Unguarded pits, if any, will be fenced until they have dried and leveled.
  - C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the BLM will be complied with and will be accomplished as expeditiously as possible.

 11.
 SURFACE OWNERSHIP:
 Bureau of Land Management - Carlsbad, New Mexico

 Livestock Grazing Permit:
 Mr. Bill Hoyle

 P.O. Box 106
 Pearsall, TX 78061

#### 12. OTHER INFORMATION:

- A. Topography: Please refer to the existing archaeological report for a description of the topography, flora, fauna, soil characteristics, dwellings, historical and cultural sites.
- B. The primary surface use is for livestock grazing.

#### 13. OPERATORS REPRESENTATIVE:

A. The field representative responsible for assuring compliance with the approved surface use and operations plan is as follows:

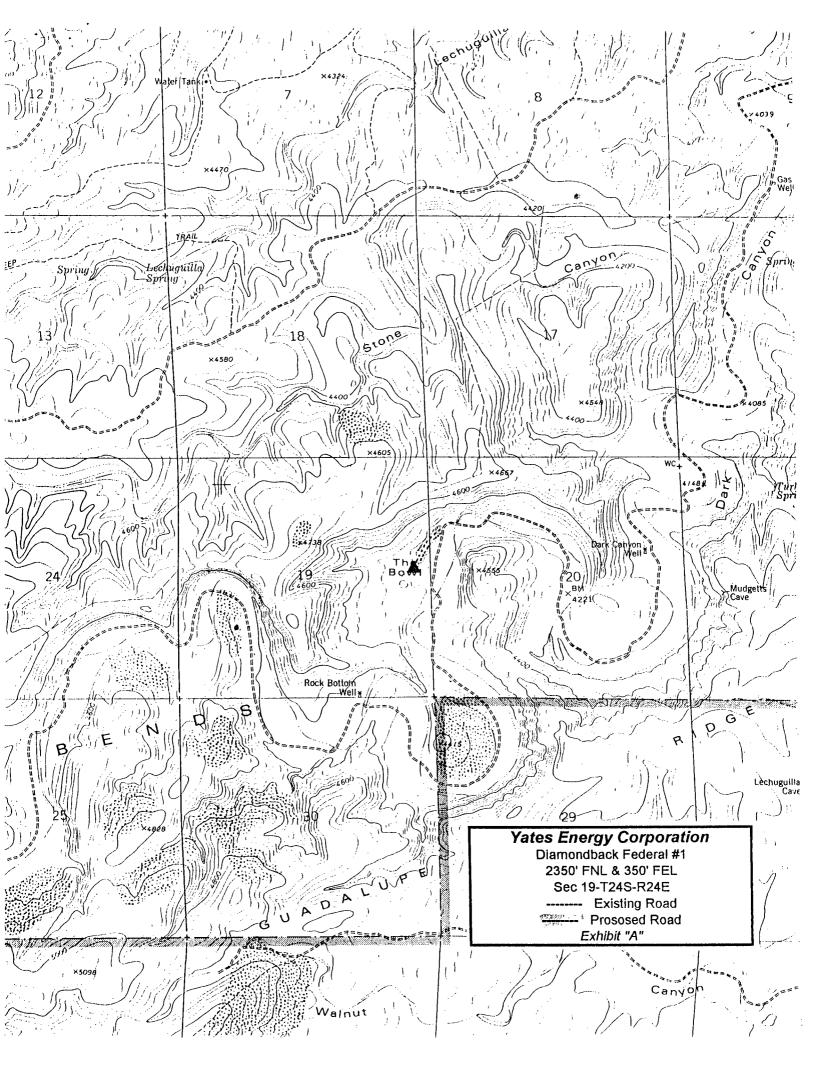
Kirk Ross, Engineer Yates Energy Corporation P.O. Box 2323 Roswell, New Mexico Office: 505-623-4935 Home: 505-625-2155 Mobile: 505-626-7006

#### 14 CERTIFICATION:

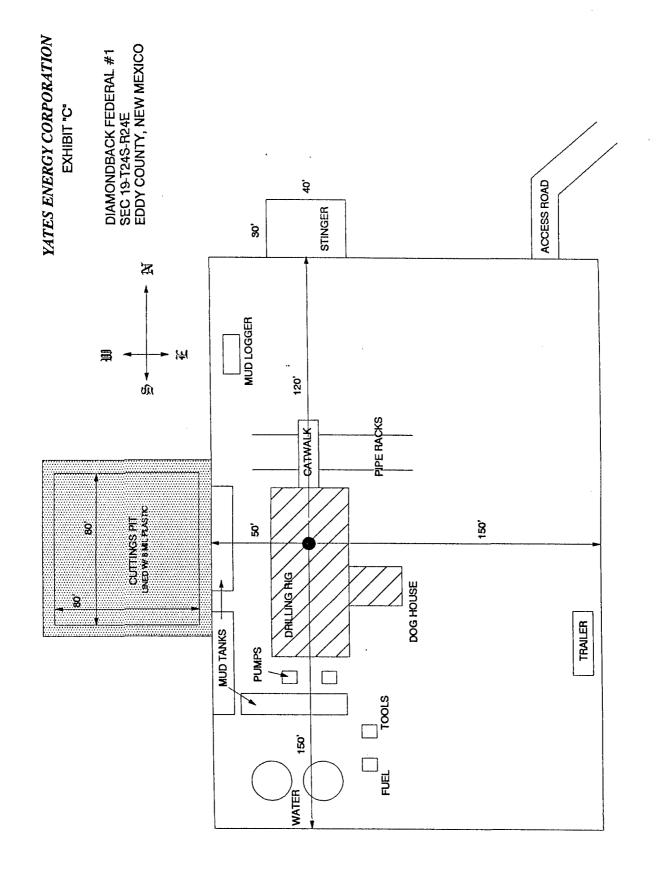
I hereby certify that I have inspected the proposed drill site and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Yates Energy Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

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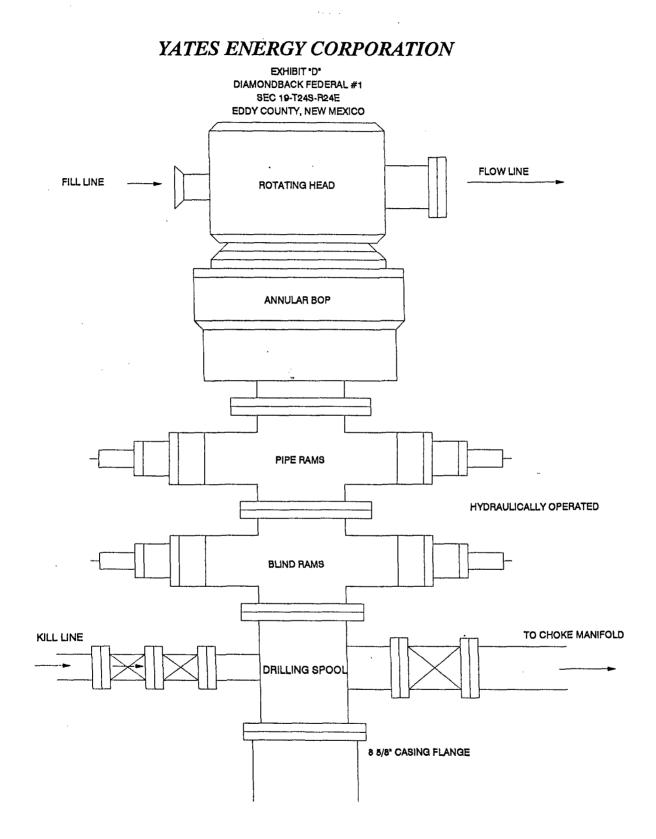
Kirk B. Ross Engineer Yates Energy Corporation



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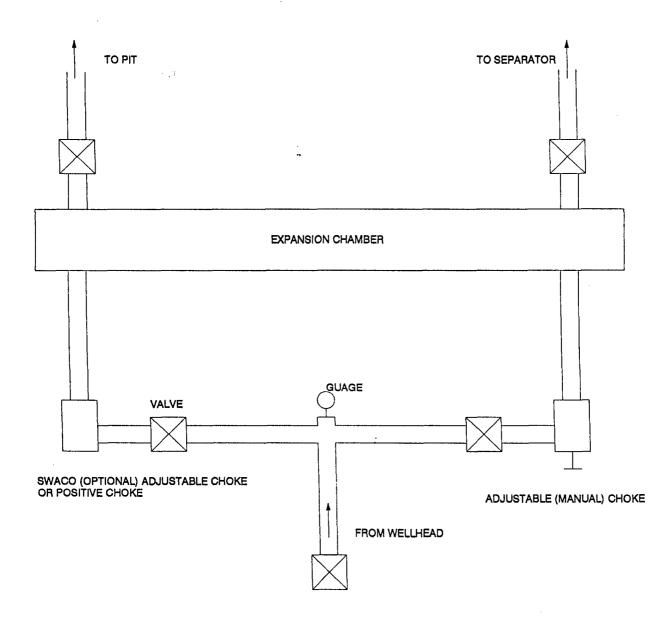
## YATES ENERGY CORPORATION CHOKE MANIFOLD DIAGRAM EXHIBIT "E"

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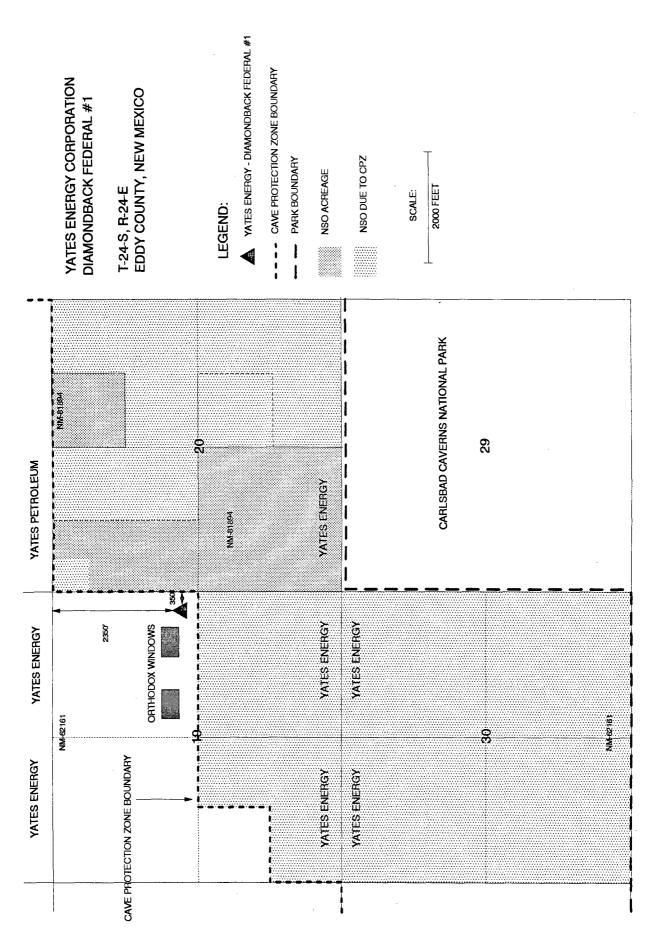
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