

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

RECEIVED

Submit to appropriate District Office

MAY 22 2006

☐ AMENDED REPORT

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

¹ Operator Name and Address Yates Petroleum Corporation 105 S. 4 th Street Artesia, NM 88210		² OGRID Number 025575
		³ API Number 30-005-63689
⁵ Property Code 34347	⁶ Property Name Datil BFD State Com	⁸ Well No. 1
⁹ Proposed Pool 1 Foor Ranch Wolfcamp (Gas) 76750		¹⁰ Proposed Pool 2 Pecos Slope Abo 82730

⁷ Surface Location

UL or lot no. N	Section 2	Township 9S	Range 26E	Lot Idn	Feet from the 660	North/South line South	Feet from the 1980	East/West line West	County Chaves
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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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Additional Well Information

¹¹ Work Type Code A	¹² Well Type Code G	¹³ Cable/Rotary N/A	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3850' GR
¹⁶ Multiple Y	¹⁷ Proposed Depth N/A	¹⁸ Formation Siluro-Devonian	¹⁹ Contractor N/A	²⁰ Spud Date ASAP
Depth to groundwater < 50' 20 Points		Distance from nearest fresh water well > 1000'		Distance from nearest surface water > 1000'
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: _____				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input 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
		IN PLACE			

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.

Yates Petroleum Corporation plans recompleting this well as follows: Set a 5-1/2" flow thru frac plug at 6050'. Perforate Wolfcamp 5295'-5306' (44). Stimulate as needed. Set a 5-1/2" flow thru frac plug at 5250'. Test plug and casing to 3800 psi and report results. If test is achieved then perforate Abo 4530'-4540' (11), 4550'-4554' (5), 4556'-4560' (5), 4562'-4566' (5), 4610'-4613' (4), 4631'-4636' (6), 4722'-4730' (9), 4777'-4780' (4), 4814'-4818' (5), 4854'-4858' (5), 4864'-4880' (17) and 4894'-4900' (7). Stimulate as needed.

As a condition of approval a pit closure plan must be approved prior to the commencement of closure operations.

As a condition of approval if during pit construction water is encountered or if water seeps in pits after construction the OCD MUST BE CONTACTED IMMEDIATELY!

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 ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Signature: Tina Huerta

Printed name: Tina Huerta

Title: Regulatory Compliance Supervisor

E-mail Address: tinah@ypcnm.com

Date: May 19, 2006

Phone: 505-748-4168

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARANT
DISTRICT II GEOLOGIST

Title:

Approval Date: MAY 24 2006

Expiration Date: MAY 24 2007

Conditions of Approval Attached ☐

DHC required to produce

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
TELEPHONE (505) 748-1471

S. P. YATES
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TREASURER

May 19, 2006

Mr. Bryan Arrant
Oil Conservation Division, District II Office
1301 W. Grand Ave.
Artesia, NM 88210

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WU-ARTESIA

Re: Datil BFD State Com #1
Section 2-T9S-R26E
Chaves County, New Mexico
H2S Contingency Plan

Sources at Yates Petroleum Corporation have relayed information to me that they believe there will not be enough H2S anticipated from the surface to the Wolfcamp formation to even meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118.

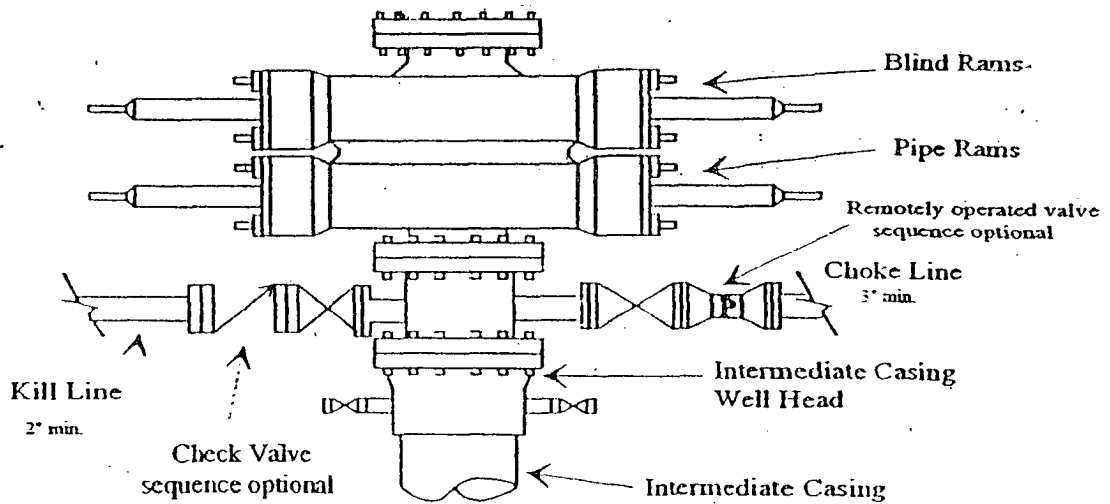
Thank you,

YATES PETROLEUM CORPORATION

Tina Huerta
Regulatory Compliance Supervisor

Yates Petroleum Corporation

Typical 3,000 psi Pressure System Schematic



Typical 3,000 psi choke manifold assembly with at least these minimum features

