

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

Submit to appropriate District Office

FEB 06 2008 ☐ AMENDED REPORT
OCD-ARTESIA
PLUGB, PLEAS, ADD A ZONE

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 30-015-28413
⁵ Property Code 16842	⁴ Property Name NDDUP	⁶ Well No 2
⁹ Proposed Pool 1 N. Seven Rivers, Glorieta Yeso		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no. B	Section 16	Township 19S	Range 25E	Lot Idn	Feet from the 660	North/South line North	Feet from the 1980	East/West line East	County Eddy
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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 P	¹² Well Type Code O	¹³ Cable/Rotary N/A	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3475'GR
¹⁶ Multiple N	¹⁷ Proposed Depth N/A	¹⁸ Formation Canyon	¹⁹ Contractor N/A	²⁰ Spud Date ASAP
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
<u>Pit:</u> 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"/>				

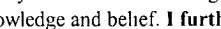
²¹ Proposed Casing and Cement Program

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.

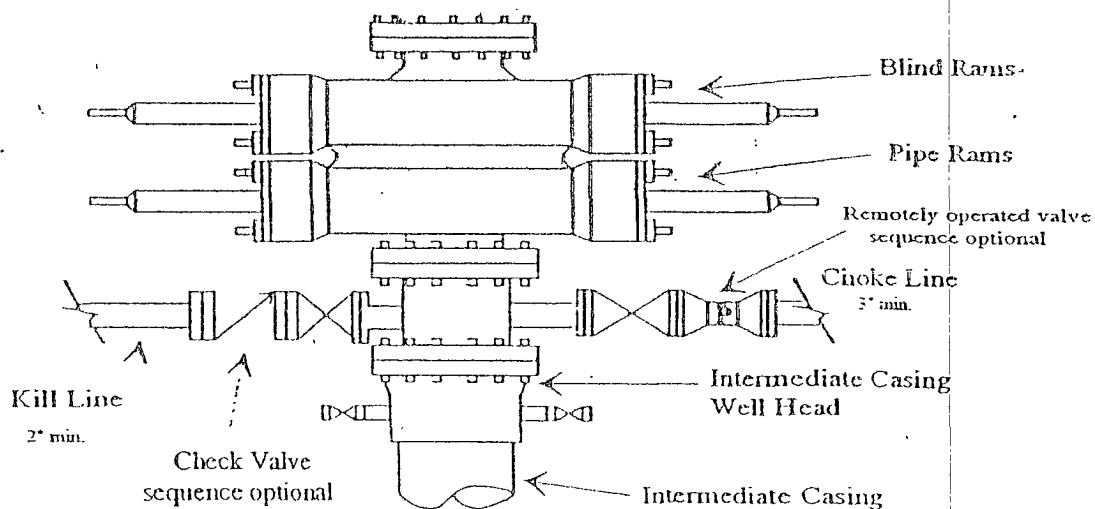
Yates Petroleum Corporation plans to plugback and recomplete this well as follows: Set a 7" CIBP at 7703' with 35' cement on top. Perforate Yeso 2508'-2512' (10), 2538'-2544' (14), 2554'-2558' (10) and 2568'-2572' (10). Stimulate as needed. Perforate Glorieta 2266'-2272' (7), 2284'-2288' (5), 2300'-2310' (11), 2330'-2342' (13), 2348'-2352' (5) and 2378'-2382' (5). Set an RBP at +/-2482'. Stimulate as needed. Possibly will remove RBP and produce both zones.

100' cement plugs at: 5656' & 3539'

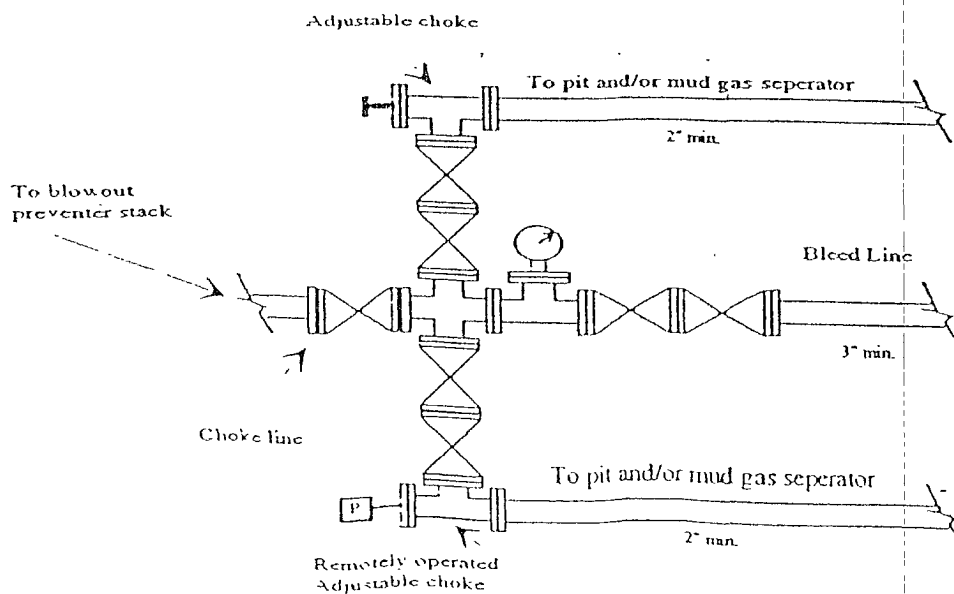
<p>²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/>, a general permit <input type="checkbox"/>, or an (attached) alternative OCD-approved plan <input type="checkbox"/>.</p> <p>Signature: </p> <p>Printed name: Tina Huerta</p> <p>Title: Regulatory Compliance Supervisor</p> <p>E-mail Address: tunah@ypcnm.com</p> <p>Date: February 5, 2008</p>		<p>OIL CONSERVATION DIVISION</p> <p>Approved by:</p> <p>BRYAN G. ARRAÑT DISTRICT II GEOLOGIST</p> <p>Title:</p> <p>Approval Date: FEB 08 2008 Expiration Date: FEB 08 2010</p> <p>Conditions of Approval Attached <input type="checkbox"/></p>	
<p>Phone: 575-748-4168</p>			

Yates Petroleum Corporation

Typical 3,000 psi Pressure System Schematic



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



WELL NAME: NDDUP #2 **FIELD:** Wildcat Glorieta / Yeso
LOCATION: 660' FNL & 1980' FEL of Section 16-19S-25E Eddy, NM
GL: 3475' **ZERO:** **KB:** 3492'
SPUD DATE: 4/6/1995 **COMPLETION DATE:** 5/6/1995
COMMENTS: API No.: 30-015-28413

CASING PROGRAM

9-5/8" 36# J55 STC		1,159'
Depth set:		
7" 26# N80 357'		
7" 26# J55 1500'		
7" 23# J55 4922'		
7" 26# J55 7556'		
7" 26# N80 8286'		8,286'

14-3/4" Hole

After

9-5/8" @ 1,050 w/1250 sx, +26 yards of ready mix to surface

Glorieta Perfs: 2,266' - 2,382'

Yeso Perfs: 2,508' - 2,572'

DV Tool @ 6,347'

Canyon Perfs: 7,753' - 7,842'

TOPS

SA 748'
 Glorieta 2,246'
 BS LM 3,539'
 WC LM 5,656'
 Canyon LM 7,656'
 Canyon Dol 7,751'

8-3/4" Hole

TD: 8,286'
 F.C. 8,242'

7" @ 8,286' w/
 1st Stage: 400 sx (Circ)
 2nd Stage: 1000 sx (Circ)

Not to Scale
 10/31/07
 Moss

MARTIN YATES, III
1912-1985

FRANK W. YATES
1936-1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
TELEPHONE (575) 748-1471

S.P. YATES
CHAIRMAN EMERITUS
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CHAIRMAN OF THE BOARD
FRANK YATES, JR.
PRESIDENT
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DIRECTOR
JOHN A. YATES, JR.
DIRECTOR

FEB 06 2008
OCD-ARTESIA

February 5, 2008

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

Re: NDDUP #2
Section 16-T19S-R25E
Eddy 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 Glorieta Yeso 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

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-28413	² Pool Code 97565	³ Pool Name North Seven Rivers, Glorieta Yeso
⁴ Property Code 16842	⁵ Property Name NDDUP	⁶ Well Number 2
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation	⁹ Elevation 3475'GR

¹⁰ Surface Location

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¹¹ 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
¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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.

¹⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature Date February 5, 2008 Tina Huerta Printed Name	
	¹⁸ SURVEYOR CERTIFICATION 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. Date of Survey Signature and Seal of Professional Surveyor:	
	Certificate Number	