

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

¹ Operator Name and Address Yates Petroleum Corporation 105 S. 4 th Street Artesia, NM 88210		OCT 10 2007 OCD-ARTESIA	² OGRID Number 025575
³ Property Code 35746		⁴ Property Name Manchester State Unit	⁵ API Number 30-015-34929
⁹ Proposed Pool 1 Four Mile Draw Wolfcamp, SW		¹⁰ Proposed Pool 2	

7 Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	20	19S	23E		760	North	660	West	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 A	¹² Well Type Code G	¹³ Cable/Rotary N/A	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4062'GR
¹⁶ Multiple Y	¹⁷ Proposed Depth N/A	¹⁸ Formation Mississippian	¹⁹ Contractor N/A	²⁰ Spud Date ASAP
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				
Closed-Loop System <input checked="" type="checkbox"/>				

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

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.

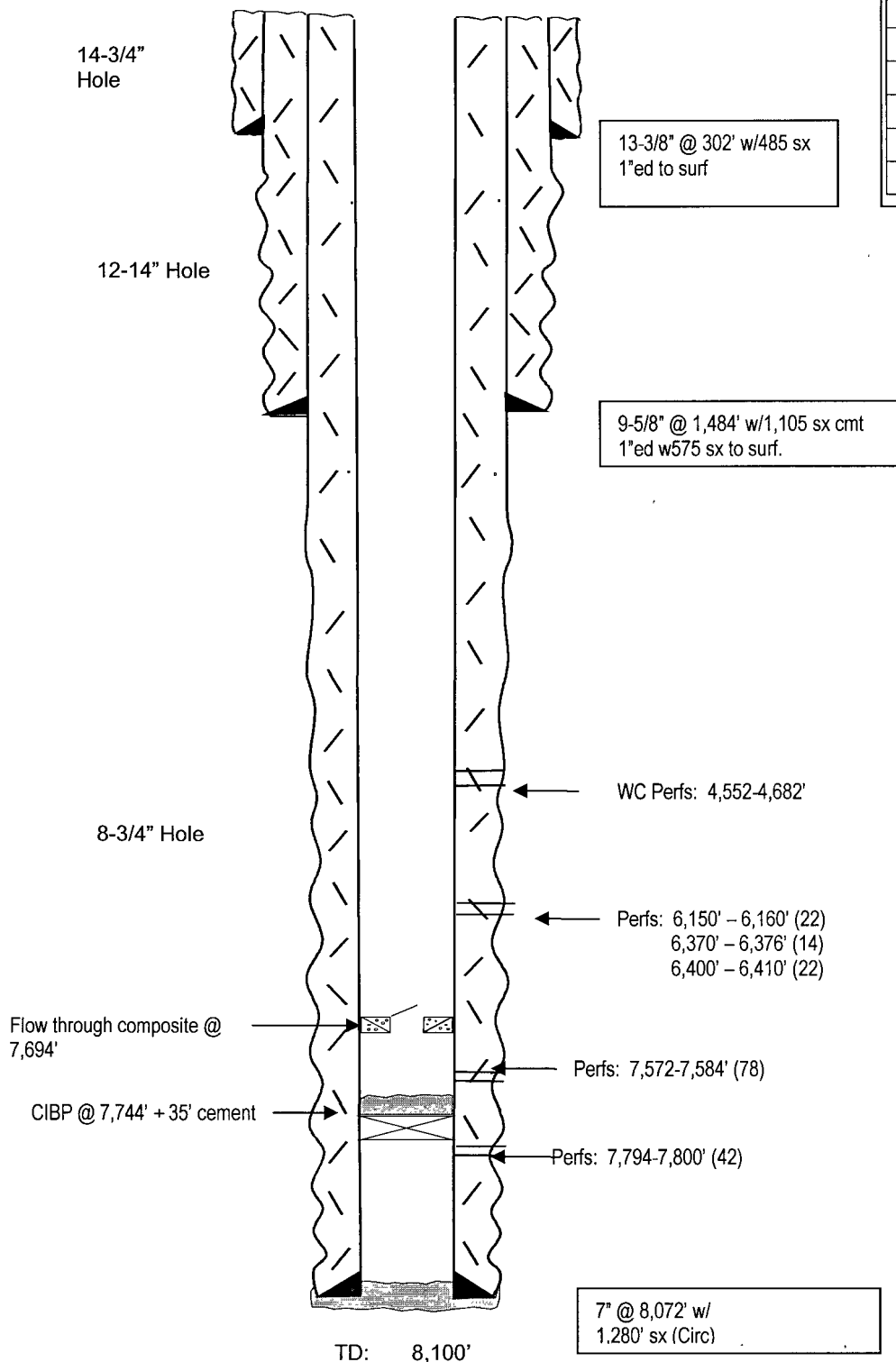
Yates Petroleum Corporation plans to recompleate this well as follows: Perforate Wolfcamp 4552'-4554', 4560'-4562', 4580'-4603', 4612'-4628', 4630'-4644', 4660'-4662' and 4678'-4682'. Stimulate as needed. Will produce after receiving DHC approval.

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"/> .		OIL CONSERVATION DIVISION	
Signature:		Approved by: BRYAN G. ARRANT DISTRICT II GEOLOGIST	
Printed name: Tina Huerta		Title:	
Title: Regulatory Compliance Supervisor		Approval Date: OCT 12 2007	Expiration Date: OCT 12 2008
E-mail Address: tinah@ypcnm.com			
Date: October 5, 2007	Phone: 505-748-4168	Conditions of Approval Attached <input type="checkbox"/>	

WELL NAME: Manchester State Unit #1 **FIELD:** Runyan Ranch
LOCATION: 760' FNL & 660' FWL of Section 20-19S-23E Eddy Co., NM
GL: 4.062' **ZERO:** **KB:**
SPUD DATE: 12/1/06 **COMPLETION DATE:**
COMMENTS: API No.: 30-015-34929

CASING PROGRAM

13-3/8" 48# H40		302'
9-5/8" 36# J55		1,105'
7" 26# J55	43'	
7" 23# J55	5,166'	
7" 26# J55	1,528'	
7" 26# L80	1,346'	8,072'



After

Tops:

San Andres	931'
Glorieta	1,917'
U. Yeso	2,087'
Tubb	2,773'
L. Yeso	2,904'
Abo	3,407'
WolfCamp	4,592'
WC Base	4,648'
WC Shale	4,694'
Cisco	5,929'
Strawn	6,999'
Atoka	7,356'
U. Morrow	7,531'
Mid. Mrw	7,687'
L. Mrw	7,770'
Chester	7,888'
Miss	8,035'

Not to Scale

8/31/07
DC/Moss

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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 30-015-34929	² Pool Code 97553	³ Pool Name Four Mile Draw; Wolfcamp SW
⁴ Property Code 35746	⁵ Property Name Manchester State Unit	⁶ Well Number 1
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation	⁹ Elevation 4062'GR

¹⁰ Surface Location

UL or lot no. D	Section 20	Township 19S	Range 23E	Lot Idn	Feet from the 760	North/South line North	Feet from the 660	East/West line West	County Eddy
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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 320	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>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</i> Signature October 5, 2007 Date Tina Huerta Printed Name
				¹⁸ SURVEYOR CERTIFICATION <i>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.</i> Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

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
CHAIRMAN EMERITUS

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PRESIDENT

FRANK YATES, JR.
EXECUTIVE VICE PRESIDENT

JOHN A. YATES, JR.
SENIOR VICE PRESIDENT

October 5, 2007

OCT 10 2007
OCD-ARTESIA

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

Re: Manchester State Unit #1
Section 20-T19S-R23E
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 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