

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

SEP 06 2007

☐ AMENDED REPORT

OCD-ARTESIA

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 Property Code 35746	⁵ Property Name Manchester State Unit	⁴ API Number 30-015-34929
⁹ Proposed Pool 1 Wildcat Upper Penn		⁶ Well No. 1
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: _____				
Closed-Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

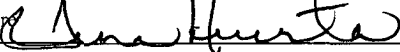
²¹ Proposed Casing and Cement Program

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

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: Set a flow through composite plug at +/-7694'. Perforate Cisco 6150'-6160' (22), 6370'-6376' (14) and 6400'-6410' (22). 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 NMCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Signature: 

Printed name: Tina Huerta

Title: Regulatory Compliance Supervisor

E-mail Address: tnah@ypcnm.com

Date: September 4, 2007

Phone: 505-748-4168

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT
DISTRICT II GEOLOGIST

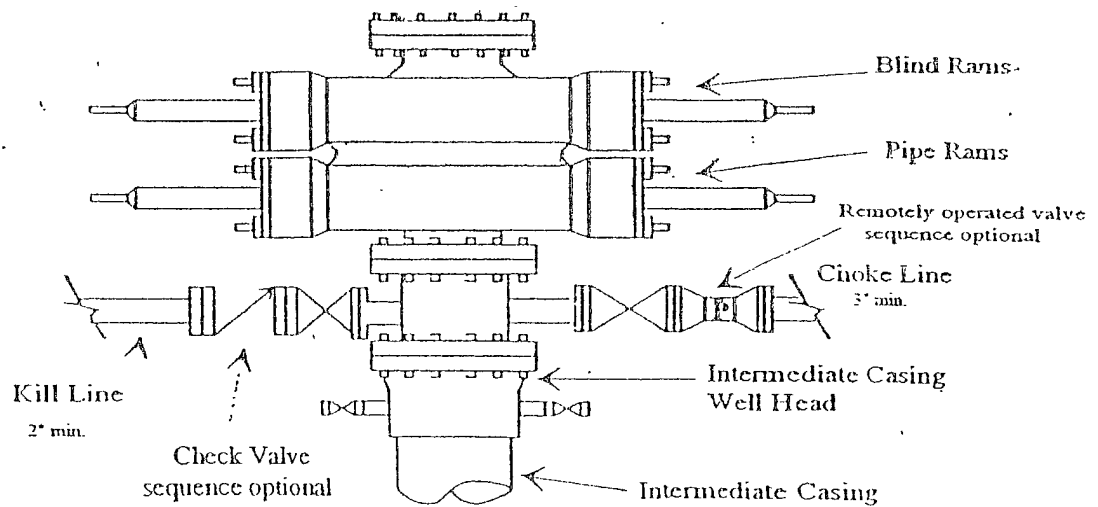
Title:

Approval Date: SEP 11 2007 Expiration Date: SEP 11 2008

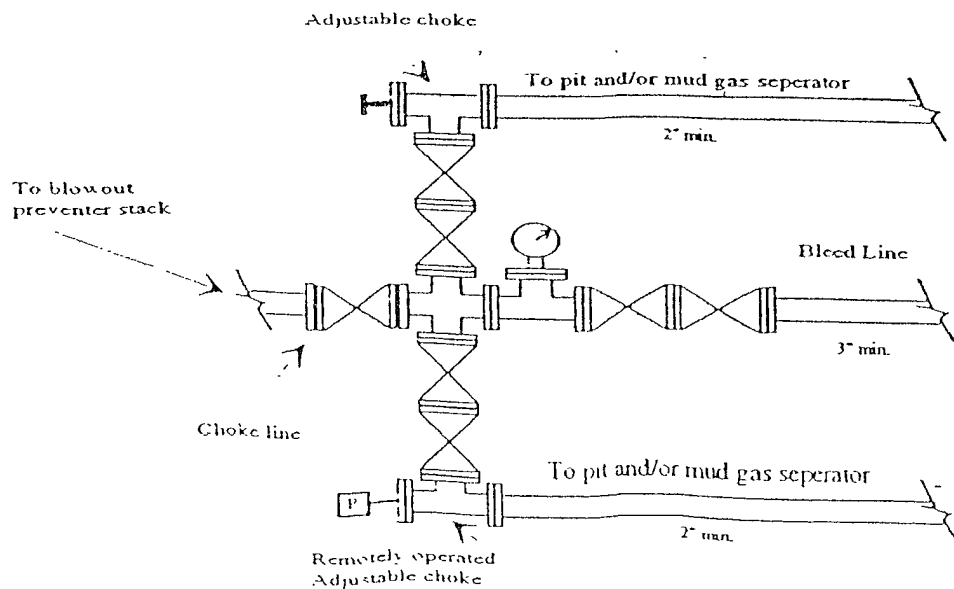
Conditions of Approval Attached ☐

Yates Petroleum Corporation

Typical 3,000 psi Pressure System Schematic



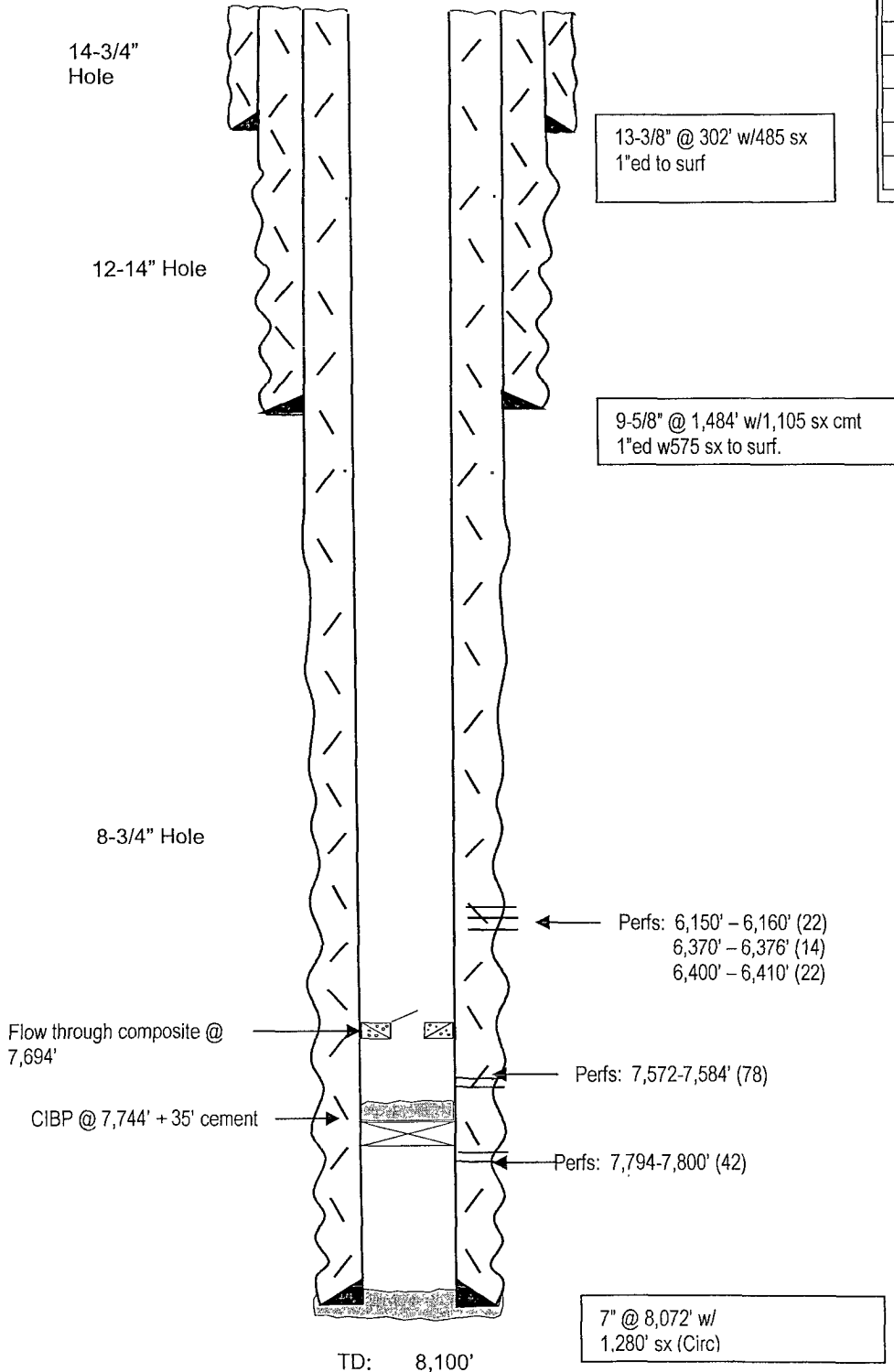
Typical 3,000 psi choke manifold assembly with at least these minimum features



WELL NAME: 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

<u>Tops:</u>	
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

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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JOHN A. YATES, JR.
SENIOR VICE PRESIDENT

September 4, 2007

SEP 06 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 Cisco 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