

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
June 16, 2008

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		² OGRID Number 025575
		³ API Number 30 - 015 - 39208
⁵ Property Code 34978	⁵ Property Name Desperado BHP	⁶ Well No 1H
⁹ Proposed Pool 1 West Cottonwood Creek, Woldcamp		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
P	14	16S	24E		660	South	760	East	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
A	14	16S	24E		660	North	760	East	Eddy

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3602'
¹⁶ Multiple No	¹⁷ Proposed Depth TVD 5000' MD 8454'	¹⁸ Formation Wolfcamp	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	350'	450 sx	Surface
12 1/4"	9 5/8"	36#	1100'	525sx	Surface
8 3/4"	Pilot Hole		5400' TVD		
8 3/4"	7"	23# & 26#	4775' MD	800 sx	TOC-600'
6 1/4"	4.5" Liner	11.6#	8454' MD	650 sx	TOC-3775'

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 proposes to drill and test the Wolfcamp and Intermediate formations. Approximately 350' of surface casing will be set and cement circulated to shut off gravel and cavings If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

MUD PROGRAM 0-350' FW/Spud Mud; 350'-1100' FW Gel/Air Mist; 1100-TD Cut Brine.

BOPE PROGRAM A 3000# BOPE will be installed on the 9 5/8" casing and tested daily

H2S not anticipated

C-144 attached

Previously approved 30-015-36426 + 30-015-36426

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief

Signature:

Clifton May

Printed name. Clifton May

Title Land Regulatory Agent

E-mail Address: cliff@yatespetroleum.com

Date 06-08-2011

Phone: (575) 748- 4347

Approved by:

Title:

Geologist

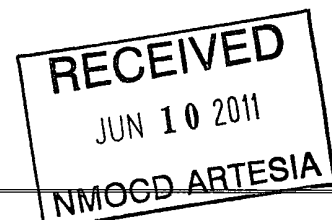
Approval Date:

07/15/11

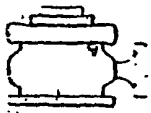
Expiration Date

07/15/13

Conditions of Approval Attached ☐



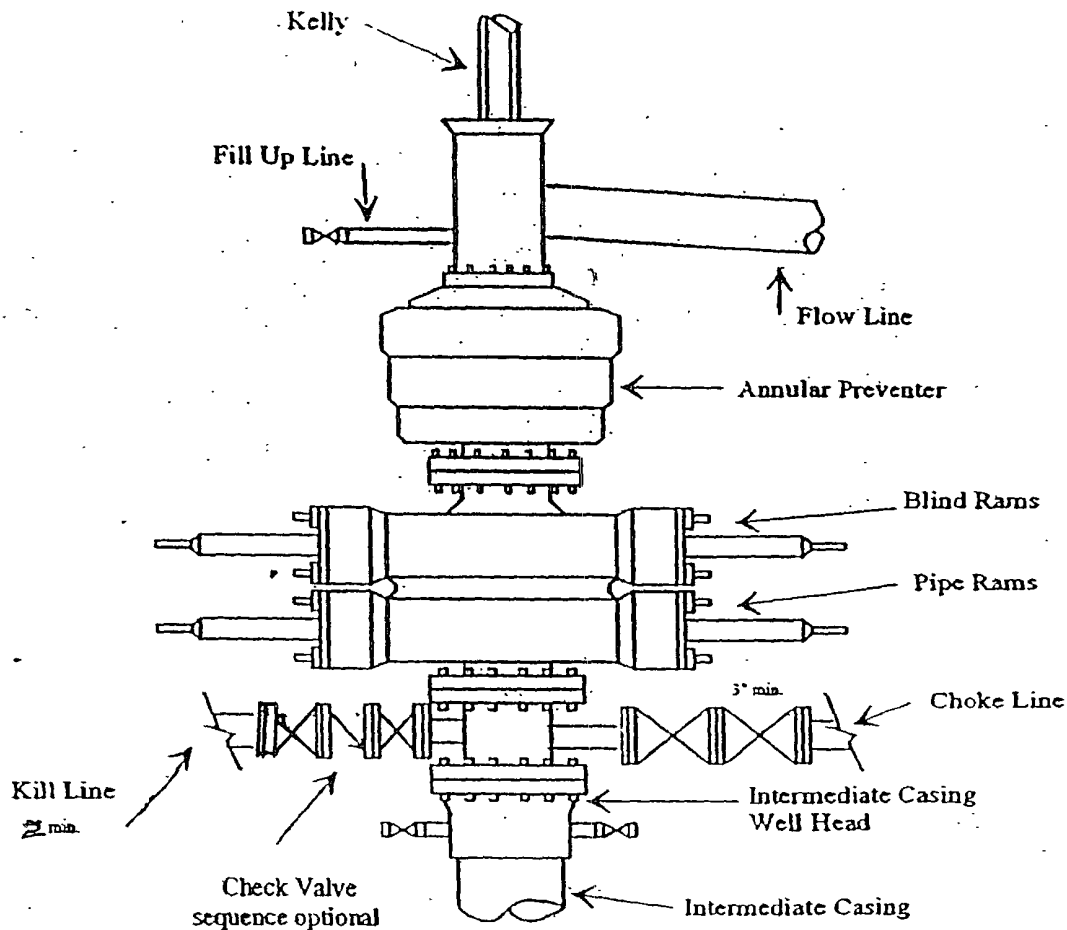
OIL CONSERVATION DIVISION



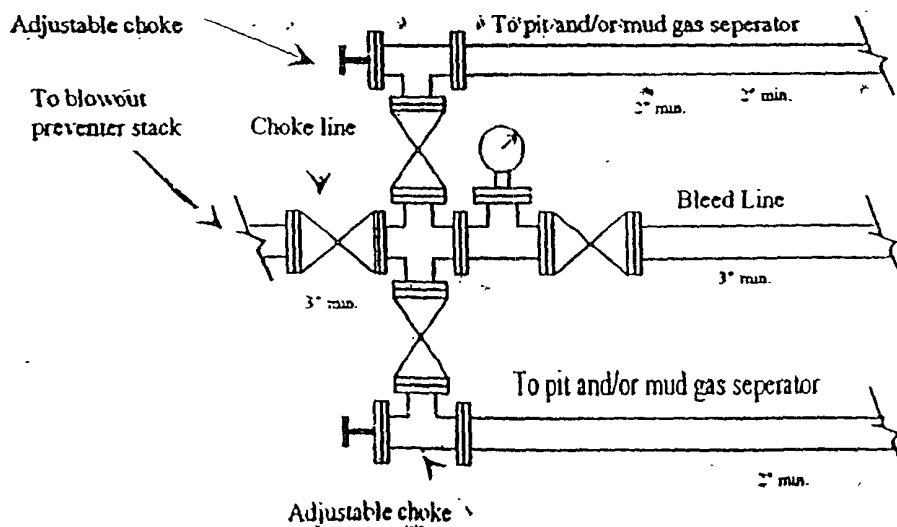
Yates Petroleum Corporation

BOP-3

Typical 3,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



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



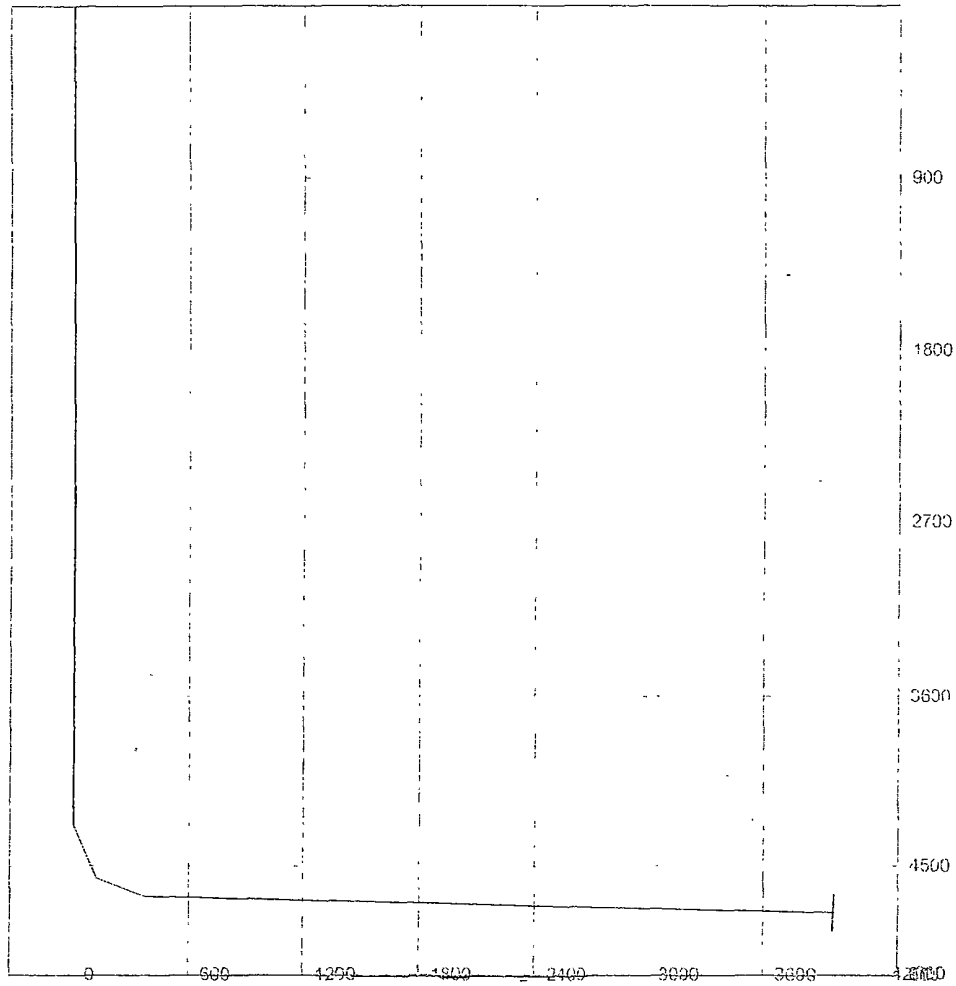
	M.D. [ft]	Inclination [°]	Azimuth [°]	T.V.D. [ft]	N+/S- [ft]	E+/W- [ft]	D.L.S. [°/100ft]	ToolFace [°]	T.F. Ref. [HS/GN]
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	4275.00	0.00	0.00	4275.00	0.00	0.00	15.00	0	GN
3	4593.18	47.73	0.00	4557.64	125.03	0.00	15.00	0	HS
4	4865.62	88.59	0.00	4656.86	372.59	0.00	15.00	0	HS
5	8454.11	88.59	0.00	4745.00	3960.00	0.00	0.00		

Desperado BHP #1H

3D Directional Drilling Planner - 3D view

Company: Technical Toolboxes Inc.

Well: Desperado BHP #1H



3D Directional Drilling Planner - 3D view

Company: Technical Toolboxes Inc.

Well: Desperado BHP #1H

