

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~~
09-07-2011

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

¹ Operator Name and Address YATES PETROLEUM CORPORATION 105 South Fourth Street Artesia, New Mexico 88210 (34689) NDDUP #43		⁴ OGRID Number 025575
³ Property Code 16482	⁵ Property Name * Aparejo APA State Com.	⁶ Well No 7-H
⁹ Proposed Pool 1 N. SEVEN RIVER, Wildcat Yeso GLORIETA-YEJO		¹⁰ Proposed Pool 2

⁷ Surface Location									
UL or lot no O	Section 16	Township 19S	Range 25E	Lot Idn	Feet from the 660'	North/South line South	Feet from the 1980'	East/West line East	County Eddy

⁸ Proposed Bottom Hole Location If Different From Surface									
UL or lot no B	Section 16	Township 19S	Range 25E	Lot Idn	Feet from the 330	North/South line North	Feet from the 1840	East/West line East	County Eddy

Additional Well Information

¹¹ Work Type Code Re-Entry	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3492'
¹⁶ Multiple No	¹⁷ Proposed Depth 6,865' MD & 2,575' TVD	¹⁸ Formation Yeso	¹⁹ Contractor	²⁰ Spud Date
Depth to Groundwater: more than 50'		Distance from nearest fresh water well More than 1000'		Distance from nearest surface water more than 1000'
Pit Liner Synthetic <input type="checkbox"/> mls thick Clay <input type="checkbox"/>		Pit Volume: Drilling Method:		
Closed-Loop System X		Fresh Water <input type="checkbox"/> Brine <input checked="" 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
17.5"	9-5/8"	36#	1161'-in place	1200	0
11.0"	7.0"	26#	8340'-in place	1250	0'
	4 -1/2" liner with	Packer/Port system		No Cement	No Cement

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.

See attached sheet.



Acreage will be added at completion
* Change property name and code at recompletion

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	
Printed name: Clifton R. May Clifton R. May		Approved by: [Signature]	
Title: Land Regulatory Agent		Title: Geologist	
E-mail Address: cliff@yatespetroleum.com		Approval Date: 07/16/11 Expiration Date: 07/19/13	
Date: June 29, 2011	Phone: (505) 748-4347	Conditions of Approval Attached <input type="checkbox"/>	

YATES PETROLEUM CORPORATION
Aparejo APA State Com. No. 7-H Re-entry
660' FSL' & 1980' FEL, Surface Location
330' FNL & 1840' FEL, Bottom Hole
Section 16-T19S-R25EE
Eddy County, New Mexico
Lease VO-7359

Drilling Plans: Yates Petroleum Corporation plans to re-enter this well bore that was originally drilled by Yates Petroleum Corporation as their Boyd X #10 #1 & later changed to the NDDUP #43. The well is presently a producer. Yates will use a pulling unit to enter the well and plug back as to plugging procedures. A gauge ring and junk basket will be ran to 7,630'. A CIBP with 35' of cement will be set at 7,628'. This will set a plug over the open Canyon perforations. Run tubing open ended to 6,073 and load hole with plugging mud and then spot a 45 sack "C" plug from 5,834' to 6,073'. This will plug across the Wolfcamp top and the open stage tool. Move the tubing to 3,753'. Load the hole with plugging mud and then spot a 25 sack class "C" plug from 3,613' to 3,753'. This will leave a plug across the Bone Springs top. Pull out of hole. Set a CIBP at 2,375'. Trip in hole with tubing to 2,374' and spot a 17.5 PPG class "H" plug from 2,075' to 2,375'. Pull 5 stands and reverse circulate to clean out tubing. Once the pulling unit has moved off, a drilling rig will be moved on and go in and set a whipstock. A window will be milled with kick off point at approximately 2095'. Well will be kicked off at 12 degrees per 100' with 6 1/8" hole to approximately 6,659' MD (2,550' TVD), where a 4 1/2" liner will be run with a packer/port system. Liner will not be cemented. Packers will be set and then move off the rig. Penetration point of producing zone will be encountered at 1140' FSL & 1964' FEL, Section 16-T19S-R25E. Deepest TVD in the well will be in the lateral at 2572'.

The mud program will be weight 8.80-9.30 cut brine with viscosity of 28-34 and water loss of 15cc. A 2,000 psi BOPE will be used and installed on the 9 5/8" casing and remain until the well is completed.

WELL NAME: Aparejo APA St ST Com # 7H (NDDUP #43) FIELD: Dagger Draw

LOCATION: 660' FSL & 1,980' FEL of Section 16-19S-25E Eddy Co., NM

GL: 3,492' ZERO: _____ KB: 3,510'

SPUD DATE: 12/28/95 COMPLETION DATE: 5/31/96

COMMENTS: API No.: 30-015-28541

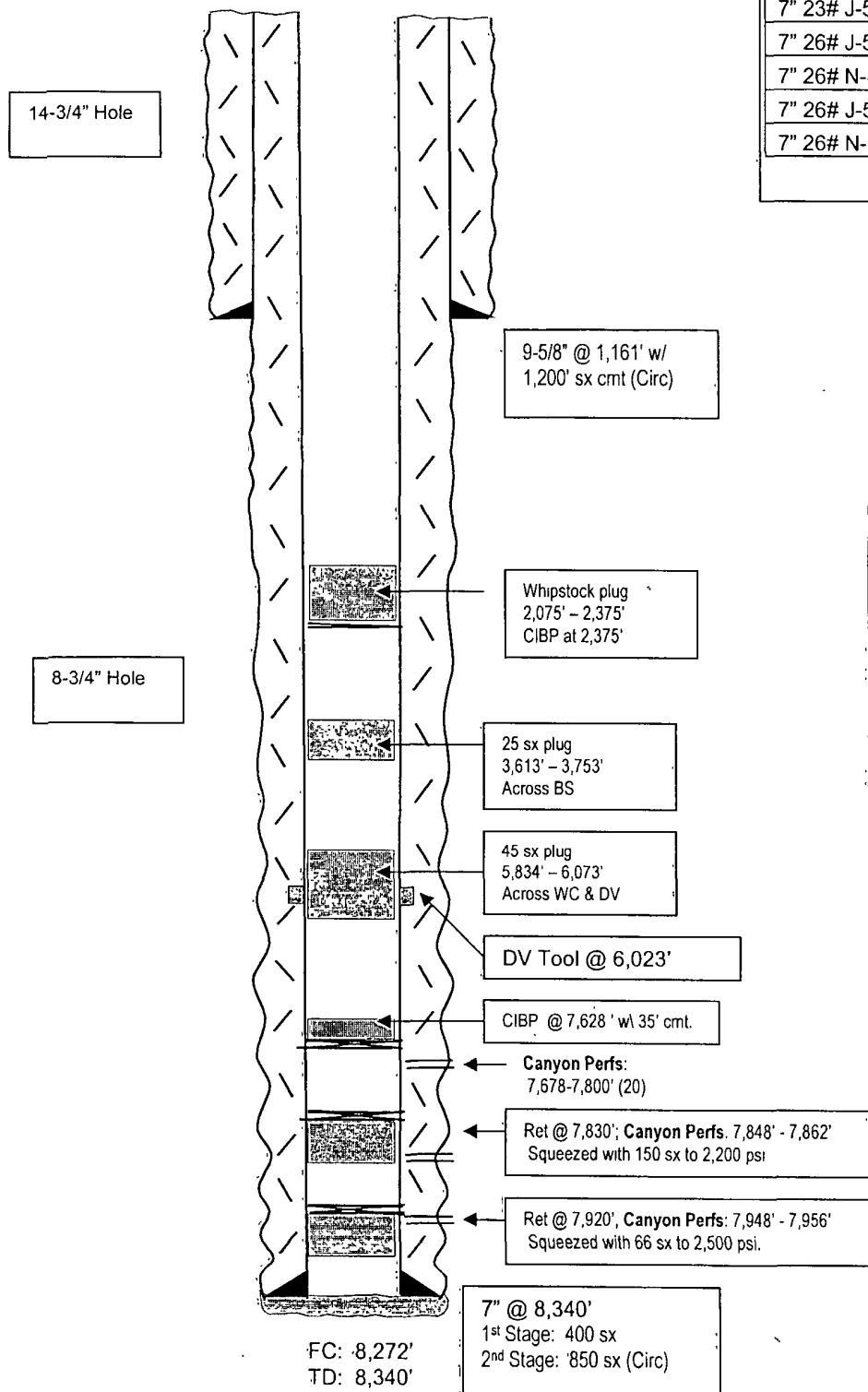
(Formerly NDDUP #43)

BHL @ +/- 330' FNL & 1,840' FEL 16-19S-25E

CASING PROGRAM

9-5/8" 36# J-55		1,161'
7" 26# N-80	159'	
7" 26# J-55	1,301'	
7" 23# J-55	4,994'	
7" 26# J-55	7,581'	
7" 26# N-80	7,603'	
7" 26# J-55	7,642'	
7" 26# N-80	8,340'	8,340'

After



TOPS

SA	751'
Glorieta	2,298'
BS	3,703'
WC	5,884'
Canyon	7,669'

Not to Scale

6/16/11

Hill

WELL NAME: Aparejo APA State Com # 7H (NDDUP #43) **FIELD:** Dagger Draw
LOCATION: 660' FSL & 1,980' FEL of Section 16-19S-25E Eddy Co., NM
GL: 3,492' **ZERO:** **KB:** 3,510'
SPUD DATE: 12/28/95 **COMPLETION DATE:** 5/31/96
COMMENTS: API No.: 30-015-28541
(Formerly NDDUP #43)

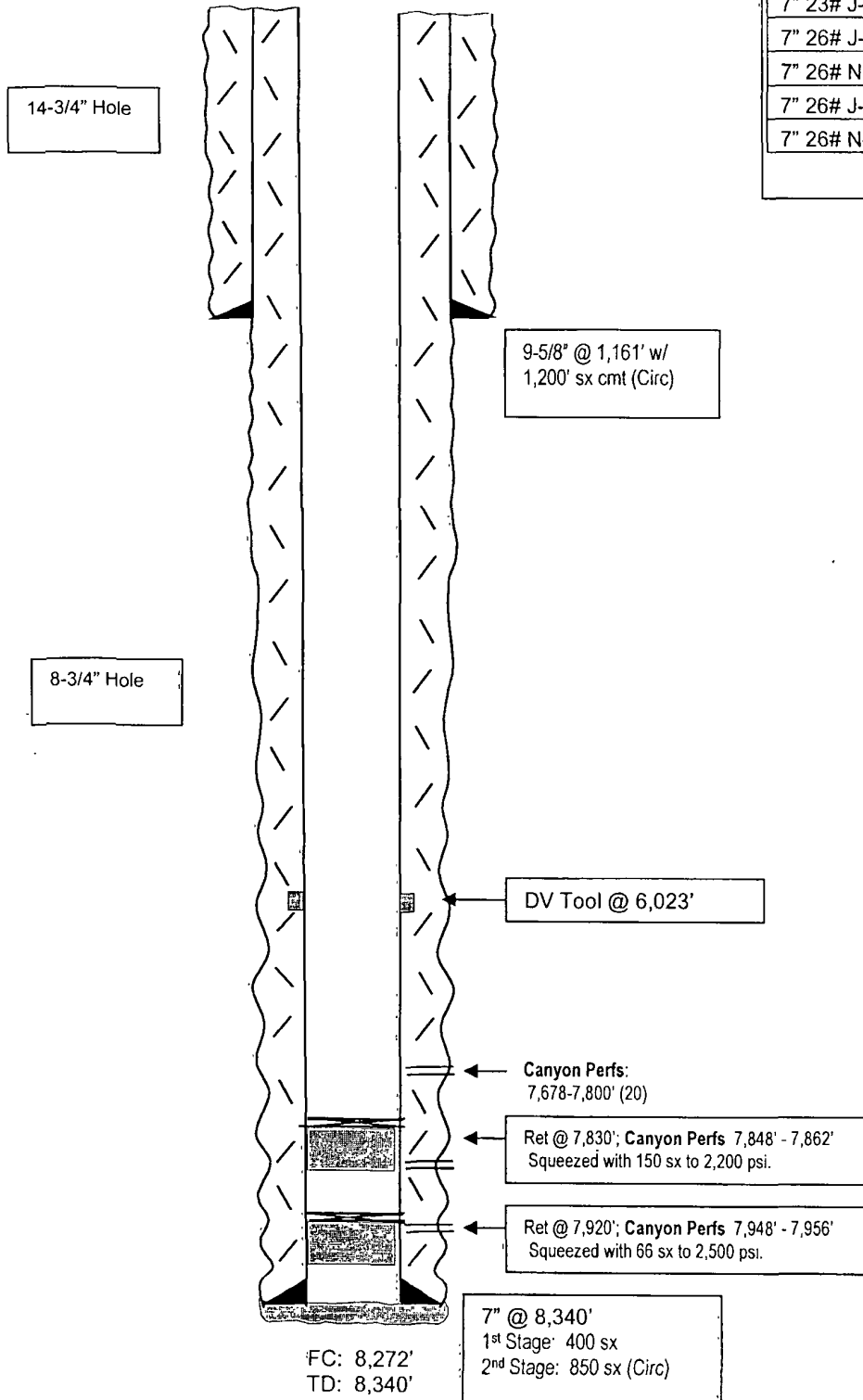
CASING PROGRAM

9-5/8" 36# J-55		1,161'
7" 26# N-80	159'	
7" 26# J-55	1,301'	
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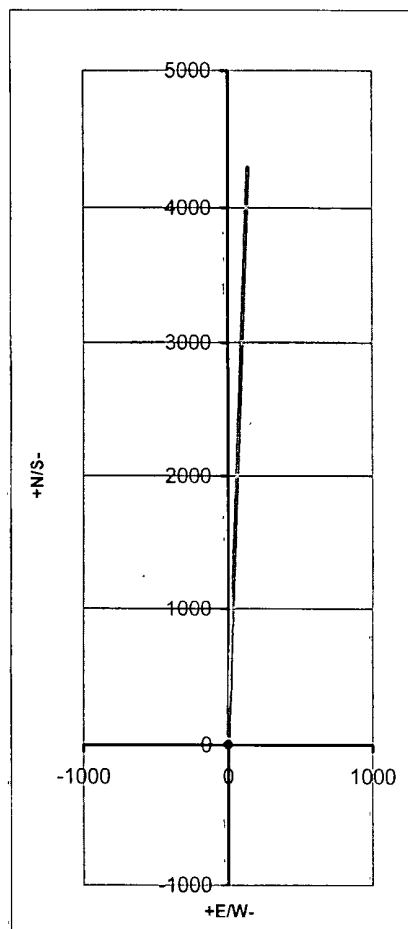
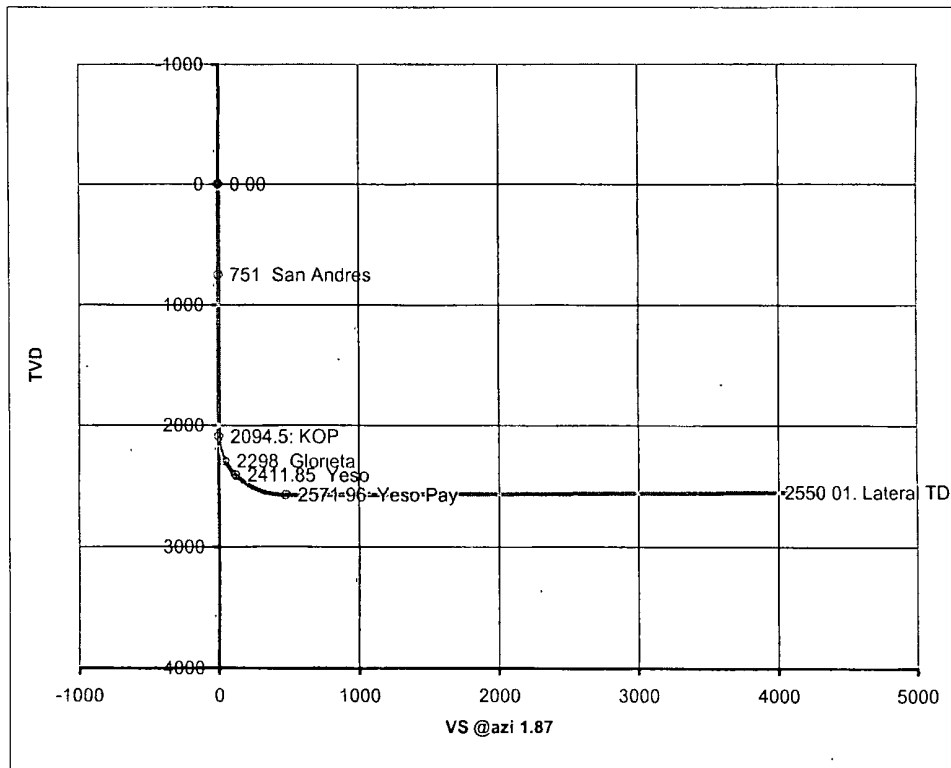
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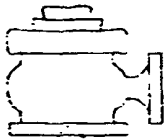


Not to Scale
 6/11/11
 Hill

Co: Yates Petroleum Corporation				Units: Feet, °, 1100ft		VS Az: 1.87		Tgt TVD: 2550.00	
Drillers: 0				Elevation:		Tgt Radius: 0.00		Tgt MD: 0.00	
Well Name: Aparejo APA State Com. #7H				Northing:		Tgt N/S: 4290.00		Tgt Displ.: 0.00	
Location: Sect. 16, 19S-25E				Easting:		Tgt E/W: 140.00		Method: Minimum Curvature	

No	MD	CL	Inc	Azi	TVD	VS	N/S	E/W	BR	WR	DLS	Comments
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1	751.00	751.00	0.00	0.00	751.00	0.00	0.00	0.00	0.00	0.00	0.00	San Andres
2	2094.50	2094.50	0.00	1.87	2094.50	0.00	0.00	0.00	0.00	0.09	0.00	KOP
3	2200.00	105.50	12.66	1.87	2199.14	11.61	11.60	0.38	12.00	0.00	12.00	
4	2300.00	100.00	24.66	1.87	2293.71	43.55	43.52	1.42	12.00	0.00	12.00	
5	2304.72	210.22	25.23	1.87	2298.00	45.54	45.52	1.49	12.00	0.00	12.00	Glorieta
6	2400.00	95.28	36.68	1.87	2379.57	94.46	94.41	3.08	12.02	0.00	12.02	
7	2441.65	136.93	41.68	1.87	2411.85	120.77	120.70	3.94	12.02	0.00	12.02	Yeso
8	2500.00	58.35	48.68	1.87	2452.95	162.13	162.04	5.29	11.99	0.00	11.99	
9	2600.00	100.00	60.67	1.87	2510.67	243.57	243.44	7.94	11.99	0.00	11.99	
10	2700.00	100.00	72.67	1.87	2550.19	335.22	335.05	10.93	11.99	0.00	11.99	
11	2800.00	100.00	84.66	1.87	2569.81	433.10	432.86	14.13	11.99	0.00	11.99	
12	2847.25	752.75	90.33	1.87	2571.96	480.22	479.96	15.66	12.00	0.00	12.00	Yeso Pay
13	6659.38	3812.13	90.33	1.87	2550.01	4292.29	4290.00	140.00	0.00	0.00	0.00	Lateral TD

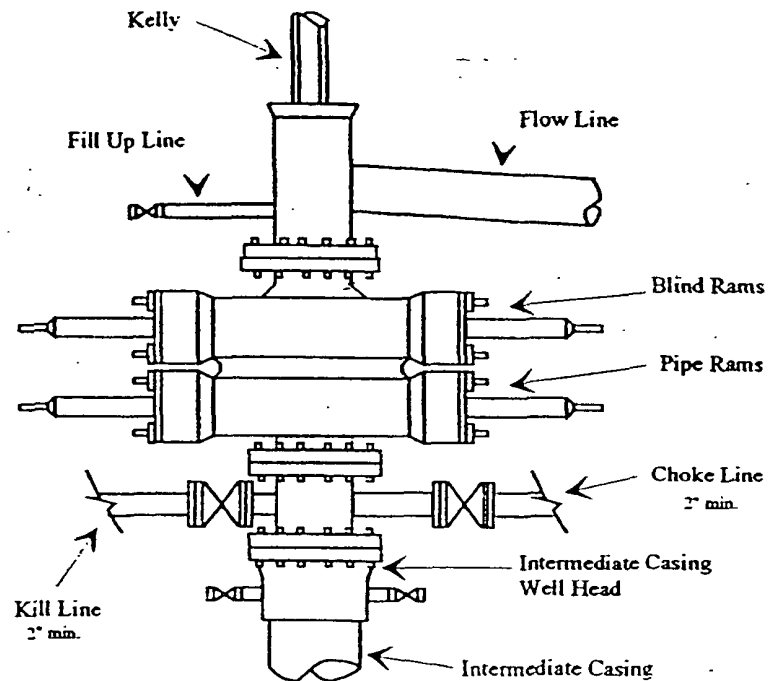




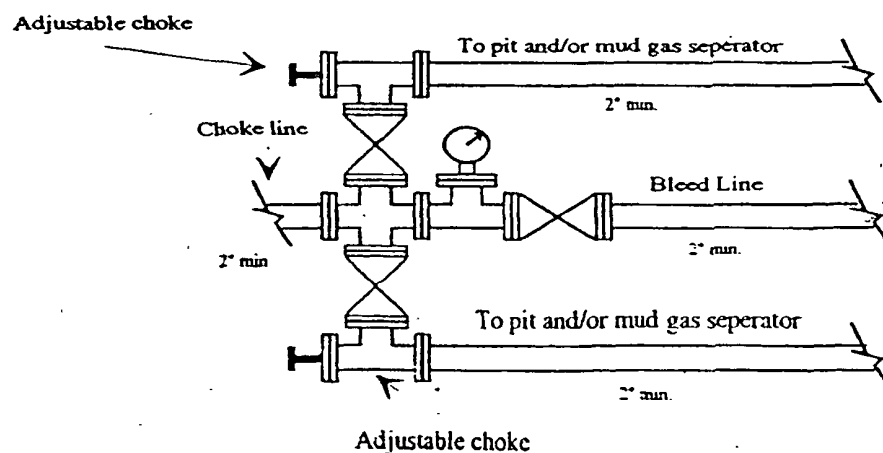
Yates Petroleum Corporation

BOP-2

Typical 2,000 psi Pressure System Schematic Double Ram Preventer Stack



Typical 2,000 psi choke manifold assembly with at least these minimum features



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 30-015-28541	² Pool Code 97565	³ Pool Name N. SEVEN RIVER, Wildcat Yes 200-882
⁴ Property Code	⁵ Property Name Aparejo APA State Com.	⁶ Well Number 7-H
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation	⁹ Elevation 3492' GL

¹⁰ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	16	19S	25E		660	South	1980	East	Eddy

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
B	16	19S	25E		330	North	1840	East	Eddy

¹² Dedicated Acres 120	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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: <i>Clifton May</i> Date: 6/29/2011 Printed Name: Clifton May
		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 Refer to original plat Date of Survey Signature and Seal of Professional Surveyor. Refer to original plat Certificate Number

District I
PO Box 1980, Hobbs, NM 88240-2980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Bravo Rd., Artesia, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-28541	² Pool Code 15472	³ Pool Name Dagger Draw, Upper Penn, North
⁴ Property Code BOYD X STATE COM	⁵ Property Name	⁶ Well Number 10
⁷ OGRID No. 025575	⁸ Operator Name YATES PETROLEUM CORPORATION	⁹ Elevation 3492

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	16	19S	25E		660	SOUTH	1980	EAST	EDDY

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 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

<div style="border: 1px solid black; padding: 5px;"> ¹⁶ </div>	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <u>Ken Beardemphl</u> Printed Name: <u>Ken Beardemphl</u> Title: <u>Landman</u> Date: <u>6-5-95</u>
	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: <u>MAY 31, 1995</u> Signature and Seal of Registered Professional Engineer: <u>DAVID R. HEDDY</u> Registered Professional Engineer License No. <u>5412</u> Certificate Number: <u>NM PE&PS NO 5412</u>