

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

<sup>1</sup> Operator Name and Address YATES PETROLEUM CORPORATION 105 South Fourth Street Artesia, New Mexico 88210		<sup>2</sup> OGRID Number 025575
<sup>3</sup> Property Code 16482	<sup>4</sup> Property Name Aparejo APA State Com.	<sup>5</sup> API Number 30-015-28541
<sup>9</sup> Proposed Pool 1 N. SEVEN RIVER Wildcat Yes <del>GLORIA-YESO</del>		<sup>10</sup> Proposed Pool 2

<sup>7</sup> 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

<sup>8</sup> 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
B	16	19S	25E		330	North	1840	East	Eddy

Additional Well Information

<sup>11</sup> Work Type Code Re-Entry	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3492'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 6,865' MD & 2,575' TVD	<sup>18</sup> Formation Yeso	<sup>19</sup> Contractor	<sup>20</sup> 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'
<sup>21</sup> 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

<sup>22</sup> 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.



<sup>23</sup> 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 <i>Clifton R. May</i>		Approved by: <i>[Signature]</i>	
Title: Land Regulatory Agent		Title: <b>Geologist</b>	
E-mail Address: cliff@yatespetroleum.com		Approval Date: <i>07/16/11</i> Expiration Date: <i>07/19/13</i>	
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

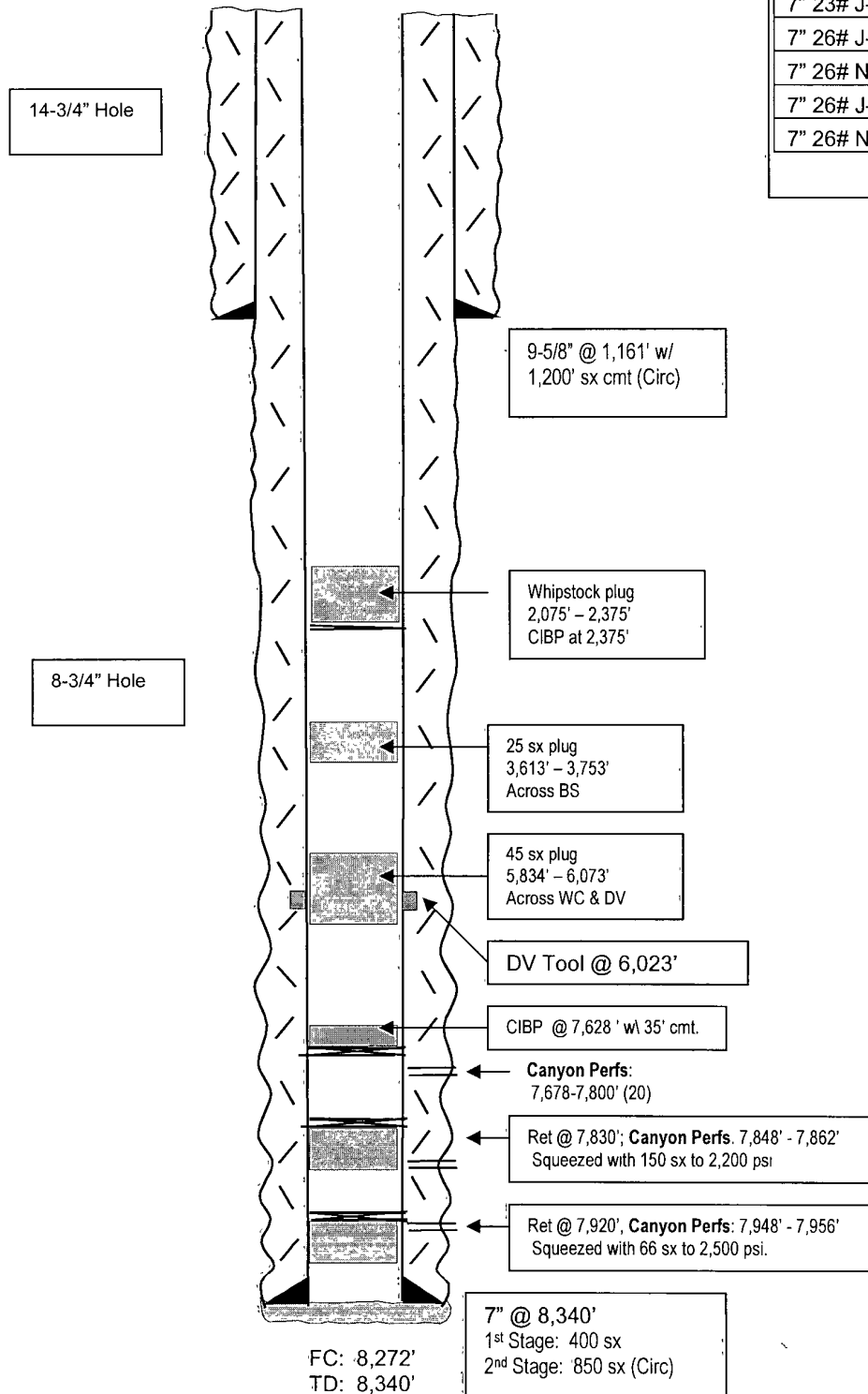
### CASING PROGRAM

9-5/8" 36# J-55		<b>1,161'</b>
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'	<b>8,340'</b>

**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

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GL: 3,492' ZERO: \_\_\_\_\_ KB: 3,510'

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

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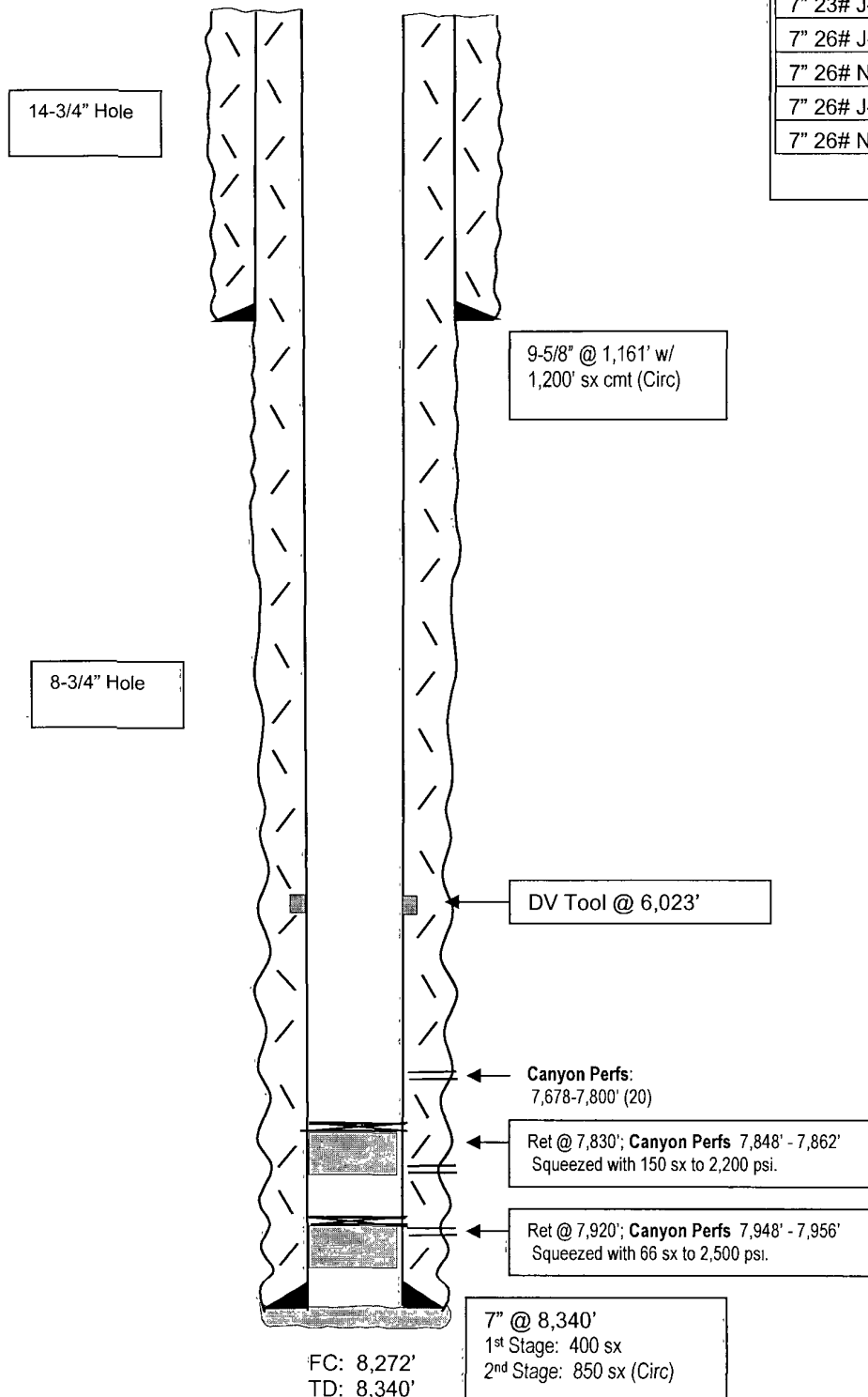
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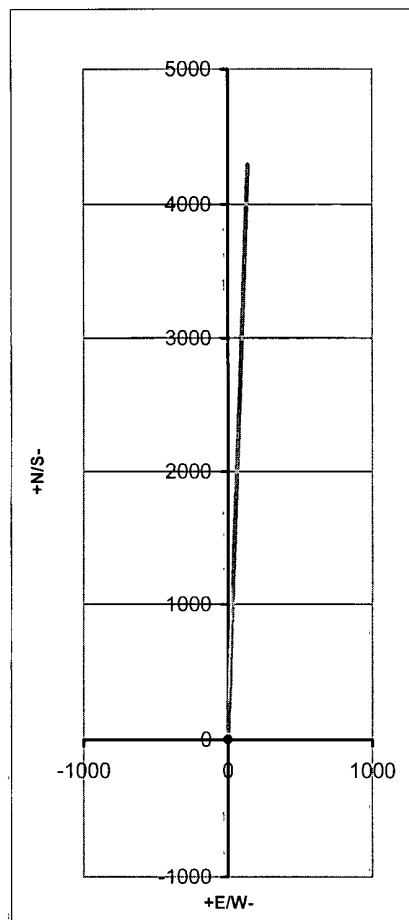
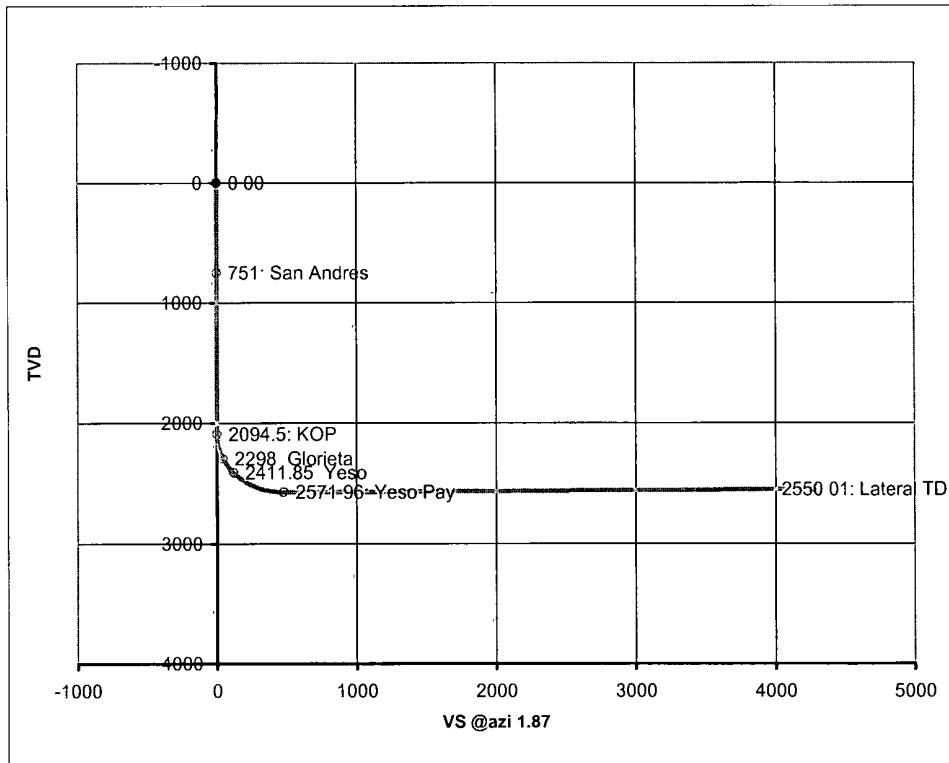


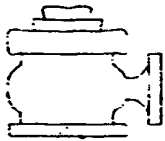
**Not to Scale**

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				
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

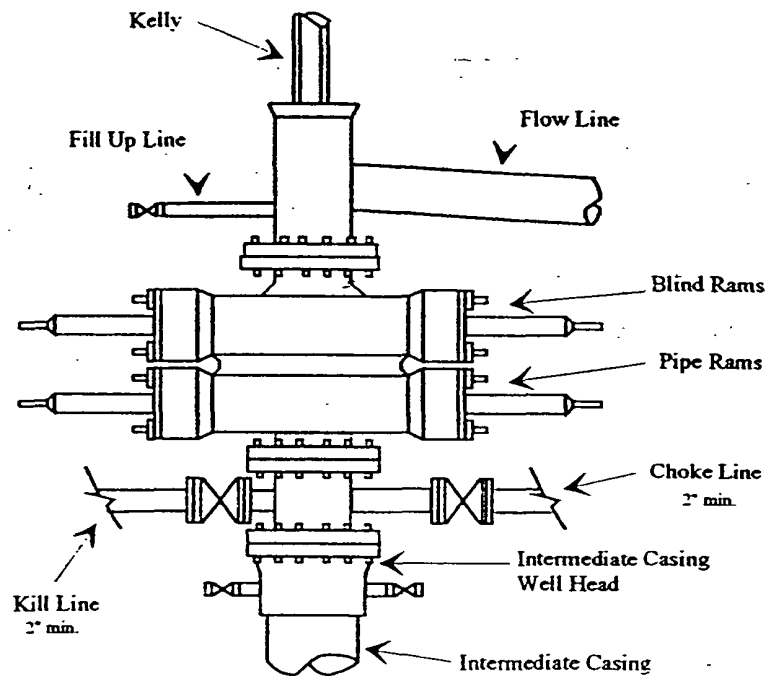




# Yates Petroleum Corporation

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

