

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101
Revised December 16, 2011

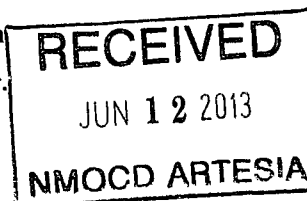
Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Permit



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, NM 88210		² OGRID Number 025575
		³ API Number 30-015-28541
⁴ Property Code 12062	⁵ Property Name Boyd X State Com (NDDUP Unit #43)	⁶ Well No. 10

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
O	16	19S	25E		660	South	1980	East	Eddy

⁸ Pool Information

N. Seven Rivers; Glorieta-Yeso	97565
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Additional Well Information

⁹ Work Type P	¹⁰ Well Type O	¹¹ Cable/Rotary N/A	¹² Lease Type State	¹³ Ground Level Elevation 3492'GL
¹⁴ Multiple N	¹⁵ Proposed Depth N/A	¹⁶ Formation Yeso	¹⁷ Contractor N/A	¹⁸ Spud Date N/A
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

¹⁹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
REFER TO ORIGINAL COMPLETION						

Casing/Cement Program: Additional Comments

Yates Petroleum Corporation plans to plugback and recomple this well as follows: NU BOP. Rig up all safety equipment as needed. Drill out cement plug from 2087' - 2375' and the CIBP at 2375', after the plugs have been drilled up pressure test casing to 3000 psi. Perforate Yeso 2464'-2682' (52). Frac as attached. Flow well back and allow well to clean up. TIH and wash down to PBTD. Swab well until it cleans up, then TIH with pumping equipment and turn well over to production. Wellbore schematics attached. Well name will change to Boyd X State Com #10 when recompleted.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Manual BOP	3000 psi	3000 psi	Whichever company is available

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 ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐. YPC uses steel tanks only.

Signature:

Printed name: Tina Huerta

Title: Regulatory Reporting Supervisor

E-mail Address: tinah@yatespetroleum.com

Date: June 11, 2013

Phone: 575-748-4168

OIL CONSERVATION DIVISION

Approved By:

Geologist

Title:

Approved Date:

6/20/2013

Expiration Date:

6/20/2015

Conditions of Approval Attached

Treating Schedule

Sta. #	Fluid	Stg. Type	Cln. Vol. (gals)	Rate (bpm)	Proppant	Conc. (lb/gal)	Stage Prop. (lbs)	Cum. Prop. (lbs)
1	Slick Water	Prepad	100	20		0.0	0	0
2	15% HCL	Acid	2,000	30		0.0	0	0
3	Slick Water	Prepad	2,000	75		0.0	0	0
4	Slick Water	Pad	56,000	75		0.0	0	0

5	Slick Water	Slurry	4,500	75	100 Mesh	0.2	900	900
6	Slick Water	Sweep	4,500	75		0.0	0	900
7	Slick Water	Slurry	4,500	75	100 Mesh	0.3	1,350	2,250
8	Slick Water	Sweep	4,500	75		0.0	0	2,250
9	Slick Water	Slurry	4,500	75	100 Mesh	0.4	1,800	4,050
10	Slick Water	Sweep	4,500	75		0.0	0	4,050
11	Slick Water	Slurry	4,500	75	100 Mesh	0.5	2,250	6,300
12	Slick Water	Sweep	4,500	75		0.0	0	6,300
13	Slick Water	Slurry	4,500	75	100 Mesh	0.6	2,700	9,000
14	Slick Water	Sweep	4,500	75		0.0	0	9,000
15	Slick Water	Slurry	4,500	75	100 Mesh	0.7	3,150	12,150
16	Slick Water	Sweep	4,500	75		0.0	0	12,150
17	Slick Water	Slurry	4,500	75	100 Mesh	0.8	3,600	15,750
18	Slick Water	Sweep	4,500	75		0.0	0	15,750
19	Slick Water	Slurry	4,500	75	100 Mesh	0.9	4,050	19,800
20	Slick Water	Sweep	4,500	75		0.0	0	19,800
21	Slick Water	Slurry	4,500	75	100 Mesh	1.0	4,500	24,300
22	Slick Water	Pad	10,700	75		0.0	0	24,300
23	Slick Water	Slurry	20,000	75	40/70 Brady	0.2	4,000	28,300
24	Slick Water	Sweep	6,000	75		0.0	0	28,300
25	Slick Water	Slurry	20,000	75	40/70 Brady	0.3	6,000	34,300
26	Slick Water	Sweep	6,000	75		0.0	0	34,300
27	Slick Water	Slurry	20,000	75	40/70 Brady	0.4	8,000	42,300
28	Slick Water	Sweep	6,000	75		0.0	0	42,300
29	Slick Water	Slurry	20,000	75	40/70 Brady	0.5	10,000	52,300
30	Slick Water	Sweep	6,000	75		0.0	0	52,300
31	Slick Water	Slurry	20,000	75	40/70 Brady	0.6	12,000	64,300
32	Slick Water	Sweep	6,000	75		0.0	0	64,300
33	Slick Water	Slurry	20,000	75	40/70 Brady	0.7	14,000	78,300
34	Slick Water	Sweep	6,000	75		0.0	0	78,300
35	Slick Water	Slurry	20,000	75	40/70 Brady	0.8	16,000	94,300
36	Slick Water	Sweep	6,000	75		0.0	0	94,300
37	Slick Water	Slurry	23,000	75	40/70 Brady	0.9	20,700	115,000
38	Slick Water	Sweep	6,000	75		0.0	0	115,000
39	Slick Water	Slurry	24,000	75	40/70 Brady	1.0	24,000	139,000
40	Slick Water	Pad	17,000	75		0.0	0	139,000
41	Slick Water	Slurry	17,000	75	16/30 Brady	1.0	17,000	156,000
42	Slick Water	Slurry	24,000	75	16/30 Brady	2.0	48,000	204,000

43	Slick Water	Slurry	32,000	75	16/30 Brady	3.0	96,000	300,000
44	Slick Water	Flush	3,900	75		0.0	0	300,000
	Totals						300,000	

Estimated Surface Treating Pressure = 2,223 psig.

Maximum Surface Treating Pressure = 3,500 psig.

Fluid Specifications:

Slick Water - fresh water with 1.0 gal/M liquid friction reducer, 1 gal/M gas Surfactant, liquid biocide agent and an oxidizing breaker.

YPC will provide:

25 clean frac tanks with 480 barrels of Fresh water in each tank for treatment and flush.

Service Company to provide: computer van with job reports, weight tickets, on location and QC lab van.

WELL NAME: Boyd X State Com # 10 (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

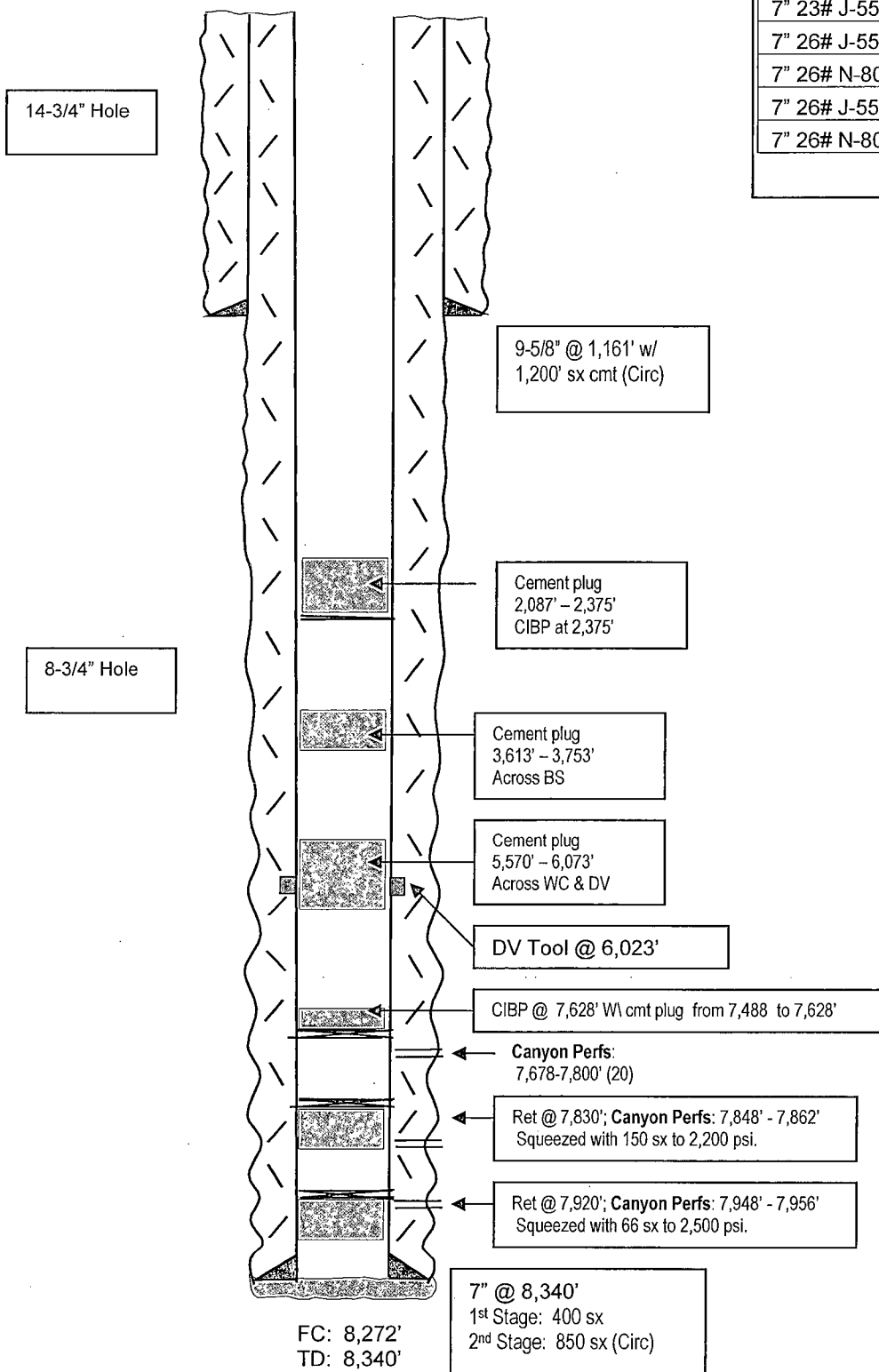
CASING PROGRAM

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'

Current

TOPS

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



Not to Scale
 3/18/13
 Hill

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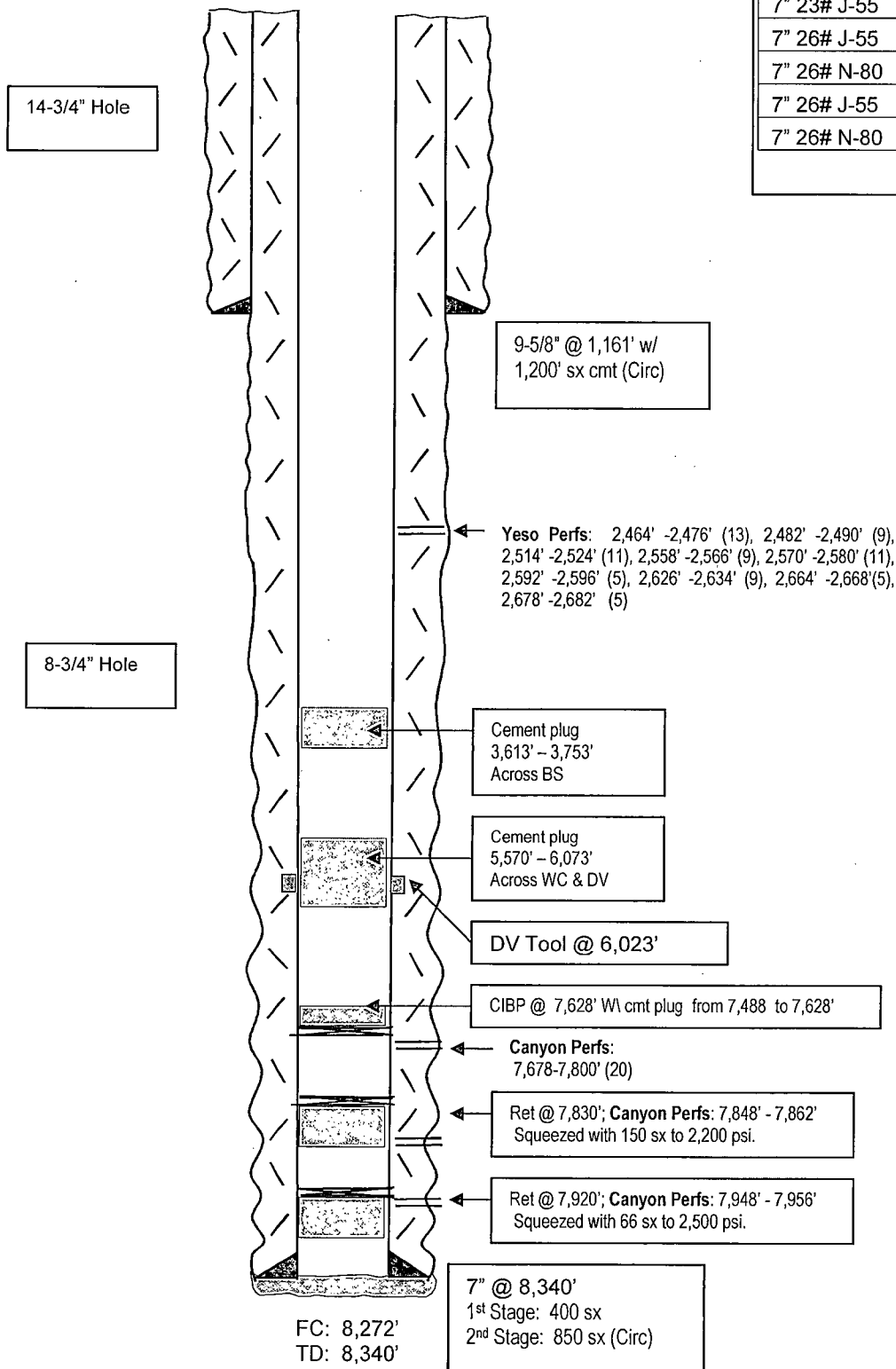
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After

TOPS

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



Not to Scale
 3/18/13
 Hill