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
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

HOBBS OCD
AUG 01 2013
RECEIVED

Form C-101
Revised December 16, 2011

Permit

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

[1] Operator Name and Address	[2] OGRID Number
Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210	025575 ✓
	[3] API Number 30-025-29503

[4] Property Code	[5] Property Name	[6] Well No.
12391 ✓	Hummingbird ADM State	1

[7] Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
H	8	16S	37E		2086	North	554	East	Lea ✓

[8] Pool Information

~~Wildcat; Glorieta/Paddock~~ WC-025 G-03 S163708H; Paddock 98043

Additional Well Information

[9] Work Type	[10] Well Type	[11] Cable/Rotary	[12] Lease Type	[13] Ground Level Elevation
P	O	N/A	S	3832'GR
[14] Multiple	**[15] Proposed Depth**	**[16] Formation**	**[17] Contractor**	**[18] Spud Date**
N	N/A	Glorieta/Paddock	N/A	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 recomplete this well as follows: NU BOP. TOH with tubing. Set a CIBP at 10,540' with 35' cement on top. Perforate squeeze holes at 7500'-5650'. TIH open-ended to PBTD. Pump sufficient 9.5 ppg mud to fill casing to 7500'. Set cement retainer at 7450'. Attempt to establish circulation through squeeze holes at 7500' and up annulus holes at 5650'. Cement with 315 sx 1.32 cu ft./sx yield cement. Sting out of retainer and pull up to 5600'. Reverse clean. WOC. Clean out to 7400'. Run CBL from PBTD to top of cement. Perforate Glorieta/Paddock 6506'-6810'. Acidize 6742'-6810' with 3500g 20% NEFE HCL and 30 ball sealers. Acidize 6506'-6687' with 6000g 20% NEFE HCL and 50 ball sealers. Frac down casing at 70 BPM, limiting surface pressure to 4000 psi, according to attached detailed frac information. Flow back frac until well dies. Turn well to production. Wellbore schematics attached.

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: Tina Huerta

Printed name: Tina Huerta

Title: Regulatory Reporting Supervisor

E-mail Address: tinah@yatespetroleum.com

Date: July 30, 2013 Phone: 575-748-4168

OIL CONSERVATION DIVISION

Approved By:

Title: Petroleum Engineer

Approved Date: 08/22/13 Expiration Date: 08/22/15

Conditions of Approval Attached

AUG 22 2013

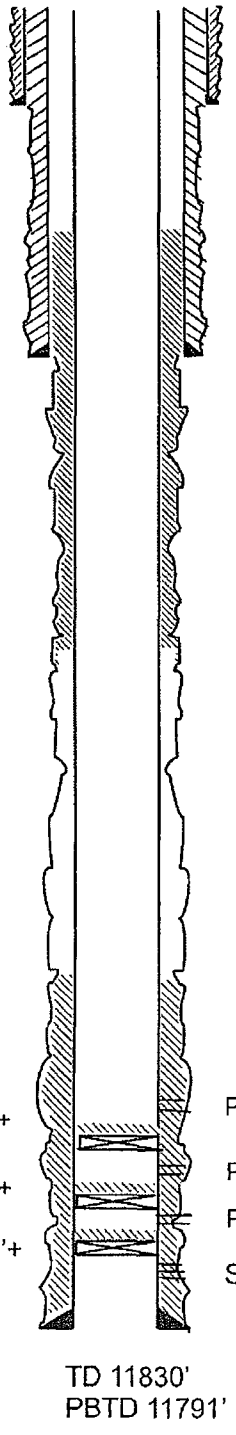
dm

Treating Schedule

Stg	Fluid	Stg type	Gallons	Proppant	Conc lb/gal	Stg prop#	Cum prop
1	slick water	prepad	100	none	0	0	0
2	15% HCl	acid	3500	none	0	0	0
3	slick water	pad	40000	none	0	0	0
4	slick water	slurry	6000	100 mesh	0.2	1200	1200
5	slick water	sweep	4500	none	0	0	1200
6	slick water	slurry	6000	100 mesh	0.4	2400	3600
7	slick water	sweep	4500	none	0	0	3600
8	slick water	slurry	6000	100 mesh	0.6	3600	7200
9	slick water	sweep	4500	none	0	0	7200
10	slick water	slurry	6000	100 mesh	0.8	4800	12000
11	slick water	sweep	4500	none	0	0	12000
12	slick water	slurry	6000	100 mesh	1.0	6000	18000
13	slick water	pad	8000	none	0	0	18000
14	slick water	slurry	40000	40/70 brown	0.2	8000	26000
15	slick water	sweep	6000	none	0	0	26000
16	slick water	slurry	40000	40/70 brown	0.4	16000	42000
17	slick water	sweep	6000	none	0	0	42000
18	slick water	slurry	40000	40/70 brown	0.6	24000	66000
19	slick water	sweep	6000	none	0	0	66000
20	slick water	slurry	40000	40/70 brown	0.8	32000	98000
21	slick water	sweep	6000	none	0	0	98000
22	slick water	slurry	40000	40/70 brown	1.0	40000	138000
24	slick water	pad	15000	none	0	0	138000

Well Name: Hummingbird ADM State #1	**Field:**
Location: 2086' FNL & 554' FEL, Sec. 8-16-37E Lea Co, NM	
GL: 3832' **Zero:**	**AGL:** **KB:** 3848.6'
Spud Date:	**Completion Date:**
Comments:	

Casing Program	
Size/Wt/Grade/Conn	Depth
13 3/8" 54.5# J55	450'
8 5/8" 32# J55	4486'
5 1/2" 17&20# J55, N80	11830'



13 3/8" csg @ 450'. Cmtd w/ 450 sx. Cmt circ.

TOC 4119' by calc

CURRENT CONFIGURATION

8 5/8" csg @ 4486'. Cmtd w/1700 sx. Cmt circ.

Casing leak @ 5603, squeezed with 250 sacks

TOC 8040' by CBL

CIBP@10780'+ 35' cmt

Penn perfs 10558-73'

Penn perfs 10787-800', 10804-08'

CIBP@11100'+ 35' cmt

Penn perfs 11143-52'

CIBP@11475'+ 35' cmt

Strawn Perfs 11524-66'

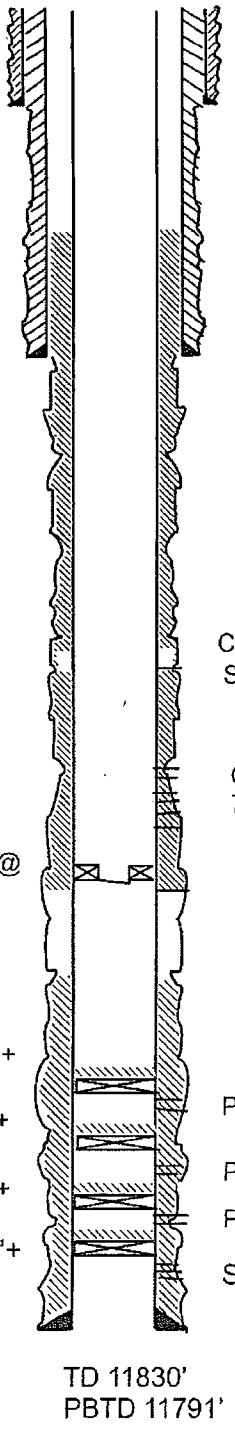
5 ½" csg @ 11830' Cmtd w/1100 sx,

TD 11830'
PBTD 11791'

Date: 6/12/13 Hummingbird 1

Well Name: Hummingbird ADM State #1		**Field:**	
Location: 2086' FNL & 554' FEL, Sec. 8-16-37E Lea Co, NM			
GL: 3832'	**Zero:**	**AGL:**	**KB:** 3848.6'
Spud Date:		**Completion Date:**	
Comments:			

Casing Program	
Size/Wt/Grade/Conn	Depth
13 3/8" 54.5# J55	450'
8 5/8" 32# J55	4486'
5 1/2" 17&20# J55, N80	11830'



13 3/8" csg @ 450'. Cmtd w/ 450 sx. Cmt circ.

TOC 4119' by calc

PROPOSED CONFIGURATION

8 5/8" csg @ 4486'. Cmtd w/1700 sx. Cmt circ.

Casing leak @ 5603, squeezed with 250 sacks
Squeeze holes @ 5650'

Glorieta/Paddock perfs 6506', 10', 14', 30', 74', 78', 6611', 28', 39', 68', 72', 79', 87', 6742', 45', 70', 78', 88', 6803', 10'

Cmt Retainer@ 7450'

Perf squeeze holes @ 7500'
Pump 315 sx class C cement

TOC 8040' by CBL

CIBP@10540'+ 35' cmt

Penn perfs 10558-73'

CIBP@10780'+ 35' cmt

Penn perfs 10787-800', 10804-08'

CIBP@11100'+ 35' cmt

Penn perfs 11143-52'

CIBP@11475'+ 35' cmt

Strawn Perfs 11524-66'

5 ½" csg @ 11830' Cmtd w/1100 sx,

TD 11830'
PBTD 11791'

Date: 6/13/13 Hummingbird 1a