

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 July 18, 2013

Energy Minerals and Natural Resources
NM OIL CONSERVATION
ARTESIA DISTRICT Oil Conservation Division
AUG 18 2015
RECEIVED
1220 South St. Francis Dr.
Santa Fe, NM 87505

☐ AMENDED REPORT

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 30-015-26936
⁴ Property Code 20902	⁵ Property Name Charolette McKay Com	⁶ Well No. 4

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
E	25	20S	24E		1980	North	660	W	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

9. Pool Information

¹⁰ Pool Name WC-015 G-03 S202425E; Upr Wolfcamp	¹¹ Pool Code 98154
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Additional Well Information

¹² Work Type P	¹³ Well Type O	¹⁴ Cable/Rotary NA	¹⁵ Lease Type P	¹⁶ Ground Level Elevation 3,611' GR
¹⁷ Multiple N	¹⁸ Proposed Depth NA	¹⁹ Formation	²⁰ Contractor NA	²¹ Spud Date NA
Depth to Groundwater		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
	14-3/4"	9-5/8"	36#	1,082'	1,045 sx (circ)	
	8-3/4"	7"	29#	8,127'	1,515 sx (circ)	

Casing/Cement Program: Additional Comments

Refer to page 2

22. Proposed Blowout Prevention Program

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

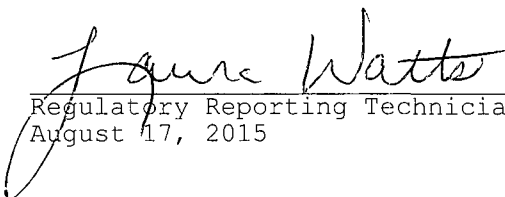
²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐ , if applicable. Signature: <i>Laura Watts</i> Printed name: Laura Watts Title: Regulatory Reporting Technician E-mail Address: laura@yatespetroleum.com Date: August 17, 2015 Phone: 575-748-4272		OIL CONSERVATION DIVISION Approved By: <i>RL Dade</i> Title: <i>Dir & Supervisor</i> Approved Date: <i>9/2/15</i> Expiration Date: Conditions of Approval: <i>Attached Provide C102</i>	
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Proposal to Plugback and Recomplete:

Yates Petroleum Corporation plans to plugback and recomplete this well as follows:

1. Rig up all safety equipment necessary.
2. NU BOP. POOH with production equipment.
3. Set a CIBP at 7,655' and cap it with 25 sx of cement. Perforate Wolfcamp 6,532' - 6,654' (62 holes).
4. Set a packer at 6,432' and break down the perforations with 3000 gallons of gelled 20% IC HCL acid with a carbonate surfactant package, while dropping 95 ball sealers spaced evenly throughout the acid. Flush to the bottom perf with 2% KCL water. Surge off the balls and let them fall.
5. Pressure up on the annulus to 2000 psi and hold it while pumping the acid treatment at the best possible rate down the 2.875" tubing while limiting the surface treating pressure to 5000 psi (acid treatment schedule attached).
6. Swab test and evaluate. Turn well to production.

Wellbore schematics attached



Regulatory Reporting Technician
August 17, 2015

PAD Acid Treating Schedule

Stage Number	gal Stage	Fluid Type
1	3000.	Acid
2	4000.	Pad Drop 15 balls
3	3000.	Acid
4	2000.	Pad Drop 15 balls
5	3000.	Acid
6	2000.	Pad Drop 15 balls
7	3000.	Acid
8	5000.	Flush

WELL NAME: Charlotte-McKay Federal # 4 FIELD: Dagger Draw South
 LOCATION: 1,980' FNL & 660' FWL of Section 25-20S-24E Eddy Co., NM
 GL: 3,611' ZERO: 17.5' KB: 3,628.5'
 SPUD DATE: 2/26/92 COMPLETION DATE: 4/24/92
 COMMENTS: API No: 30-015-26936

CASING PROGRAM

9-5/8" 36# J-55	1,082'
7" 29# LT&C	8,127'

Before

TOPS

SA 638'
 Glorieta 2,215'
 BS 3,577'
 WC 5,926'
 Canyon 7,550'

14-3/4"
Hole

8-3/4"
Hole

9-5/8" @ 1,082'
 w/ +/- 800 sx
 1" ed. to surface w/ 245 sx

DV tool @ Unknown

Canyon Perfs: 7,705-7,752' (69)

CIBP @ 7,786'

Canyon Perfs: 7,792-7,805'

7" @ 8,127' w/
 1st St w/ 600 sx (Circ)
 2nd St w/ 915 sx (Circ)

TD: 8,127'

Not to Scale
 3/12/15
 JMH

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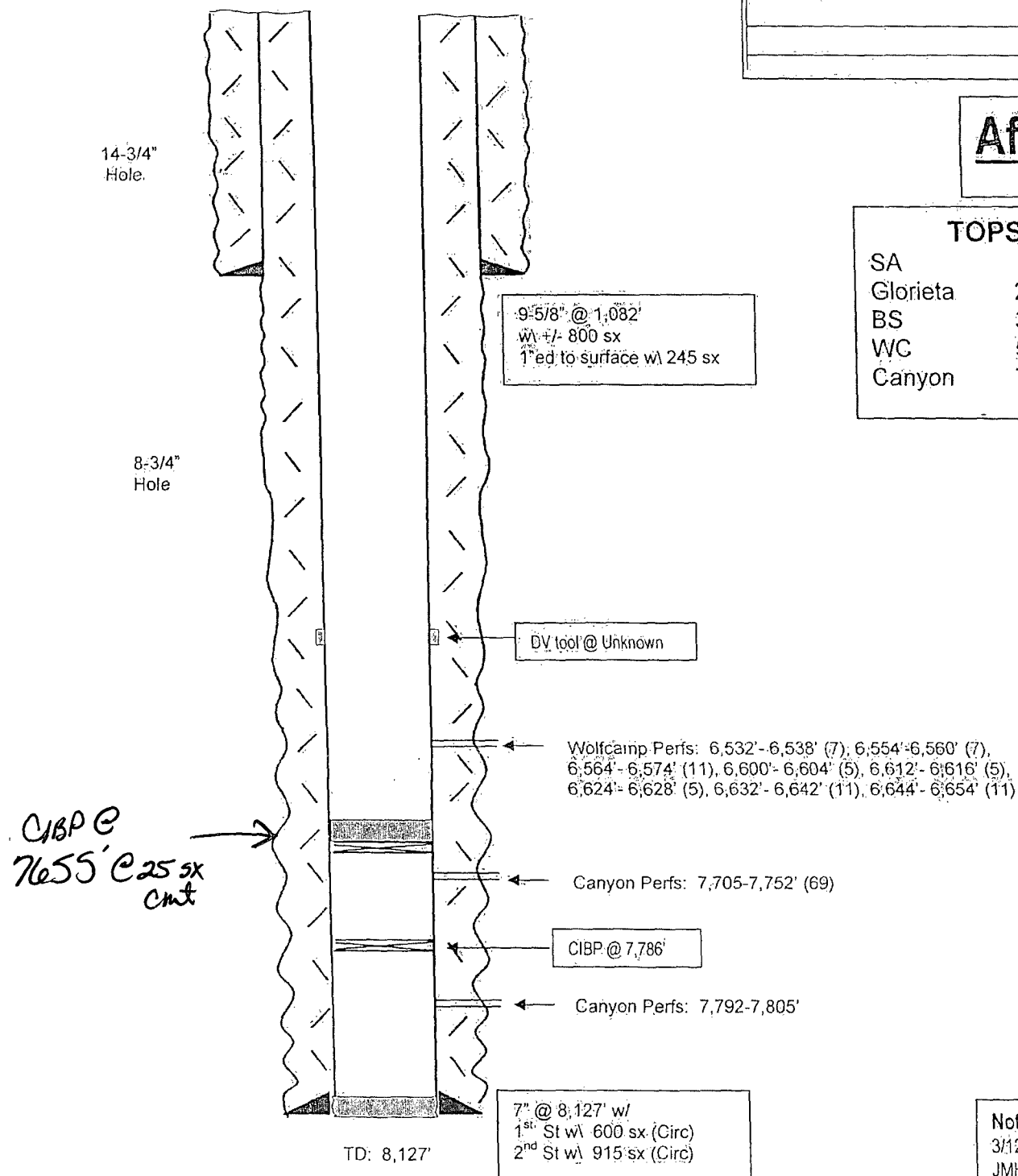
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