

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) 476-3460

RECEIVED

MAY 31 2018

DISTRICT II-ARTESIA O.C.D.

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

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

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

¹ Operator Name and Address EOG Y Resources, Inc. 104 South Fourth Street Artesia, NM 88210		² OGRID Number 025575
		³ API Number 30-015-21755
⁴ Property Code 12577	⁵ Property Name Moore FQ	⁶ Well No. 1

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
F	19	20S	25E		1980	North	1980	West	Eddy

8. Proposed Bottom Hole Location

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

Pool Information

Pool Name Wildcat; Canyon Wildcat; Wolfcamp	Pool Code
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Additional Well Information

¹¹ Work Type P	¹² Well Type G	¹³ Cable/Rotary N/A	¹⁴ Lease Type P	¹⁵ Ground Level Elevation 3562'
¹⁶ Multiple N	¹⁷ Proposed Depth N/A	¹⁸ Formation Morrow	¹⁹ Contractor N/A	²⁰ Spud Date N/A
Depth to Ground water N/A		Distance from nearest fresh water well N/A		Distance to nearest surface water N/A

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

21. Proposed Casing and Cement Program

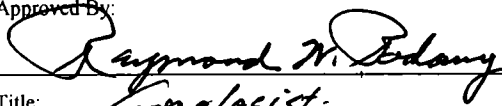
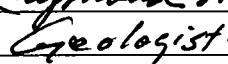
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17-1/2"	13-3/8"	54#	201'	150 sx (In Place)	0
Intermediate	12-1/4"	8-5/8"	32#	2200'	850 sx (In Place)	0
Production	7-7/8"	5-1/2"	17#	9737'	450 sx (In Place)	0

Casing/Cement Program: Additional Comments

Refer to page 2 for details

22. Proposed Blowout Prevention Program

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

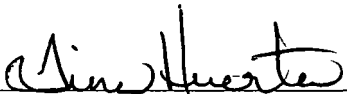
²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐ if applicable. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Tina Huerta		Approved By: 	
Title: Regulatory Specialist		Title:  Geologist	
E-mail Address: tina_huerta@eogresources.com		Approved Date: 6-5-2018 Expiration Date: 6-5-20	
Date: May 29, 2018	Phone: (575) 748-4168	Conditions of Approval Attached	

C-101 continued:

EOG Y Resources, Inc. plans to plug back and recompleate this well to the Canyon and possibly the Wolfcamp as follows:

1. MIRU all safety equipment as needed. NU BOP. POOH with the packer and tubing. Load hole as necessary with treated water.
2. Set a CIBP at 9023' with 35' Class "H" cement on top. This will cover open Atoka perforations. Set another CIBP at 8226' with 35' Class "H" cement on top. This will place a plug over open Strawn perforations.
3. Perforate Canyon 7626'-7678' (38).
4. Acidize with 3000g 15% NEFE acid, dropping 30 balls. Flush to the bottom perf with treated water. Surge the balls off. If low pressure and not flowing, go down and knock balls off.
5. Swab back load and evaluate.
6. If unsuccessful, set a CIBP at 7600' with 35' cement on top.
7. Perforate 4 squeeze holes at 7124' (4 spf, 90 degree phasing) and 2 squeeze holes at 6200' (2 spf, 90 degree phasing).
8. Pump water to establish circulation behind casing.
9. Set a cement retainer at +/-7024'.
10. Pump 145 sx Class "C" Neat cement (yld 1.32, wt 13). Pumping about 2 bpm, circulating through perfs. Sting out and reverse out.
11. Allow cement to set up for a minimum of 48 hrs. Drill out cement down to 6700'. Circulate clean. This will also be the plug that covers the Canyon.
12. TIH with bit and scraper to 6700'. Run a CBL log (pressure up to 500 psi if possible) to 500' above upper most TOC. Confirm that the interval with Wolfcamp perfs has cement across.
13. Perforate Wolfcamp 6526'-6585' (24).
14. Straddle perfs 6581'-6585' and acidize with 1000g 15% NEFE acid. Flush to bottom perf with treated water.
15. Move tools to straddle all perforations. Swab back load and evaluate. POOH with all tools.
16. TIH with production equipment and turn well over to production.

Wellbore schematics attached



Regulatory Specialist
May 29, 2018

WELL NAME: Moore FQ #1 FIELD: Undesignated Strawn
 LOCATION: 1980' FNL & 1980' FWL (Surf), Section 19-20S-25E Eddy Co., NM
 GL: 3,562' ZERO: _____ KB: _____
 SPUD DATE: 3/17/76 COMPLETION DATE: _____
 COMMENTS: API No.: 30-015-21755

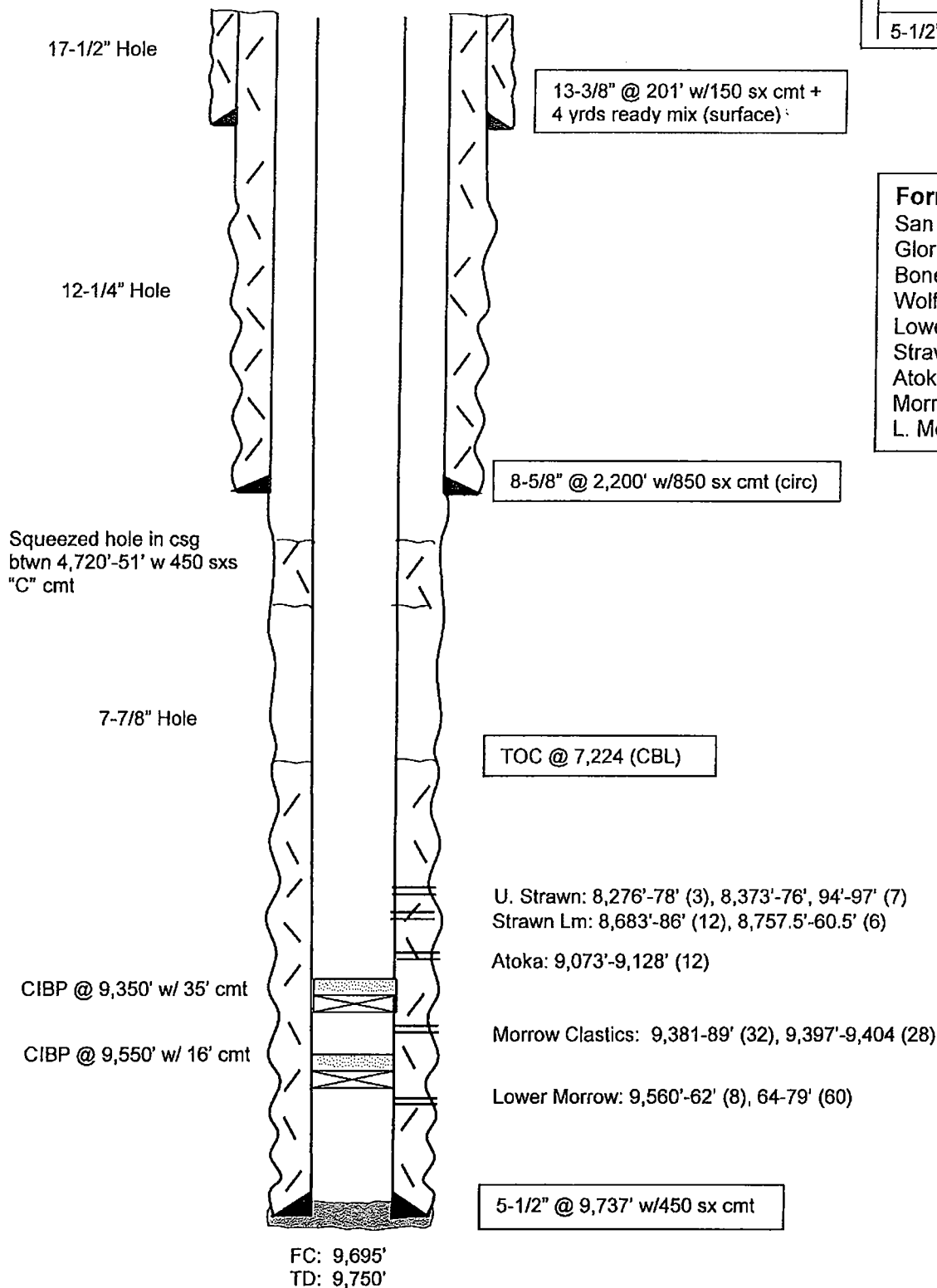
CASING PROGRAM

13-3/8" 54# H-40	201'
8-5/8" 32# J-55	2,200'
5-1/2" 17# K-55 & N-80	9,737'

Before

Formation tops:

San Andres	685'
Glorieta	2,269'
Bone Springs	3,650'
Wolfcamp	6,163'
Lower Canyon	7,625'
Strawn	8,211'
Atoka	8,953'
Morrow Clastics	9,372'
L. Morrow	9,543'



Not to Scale
 5/17/18
 MFH

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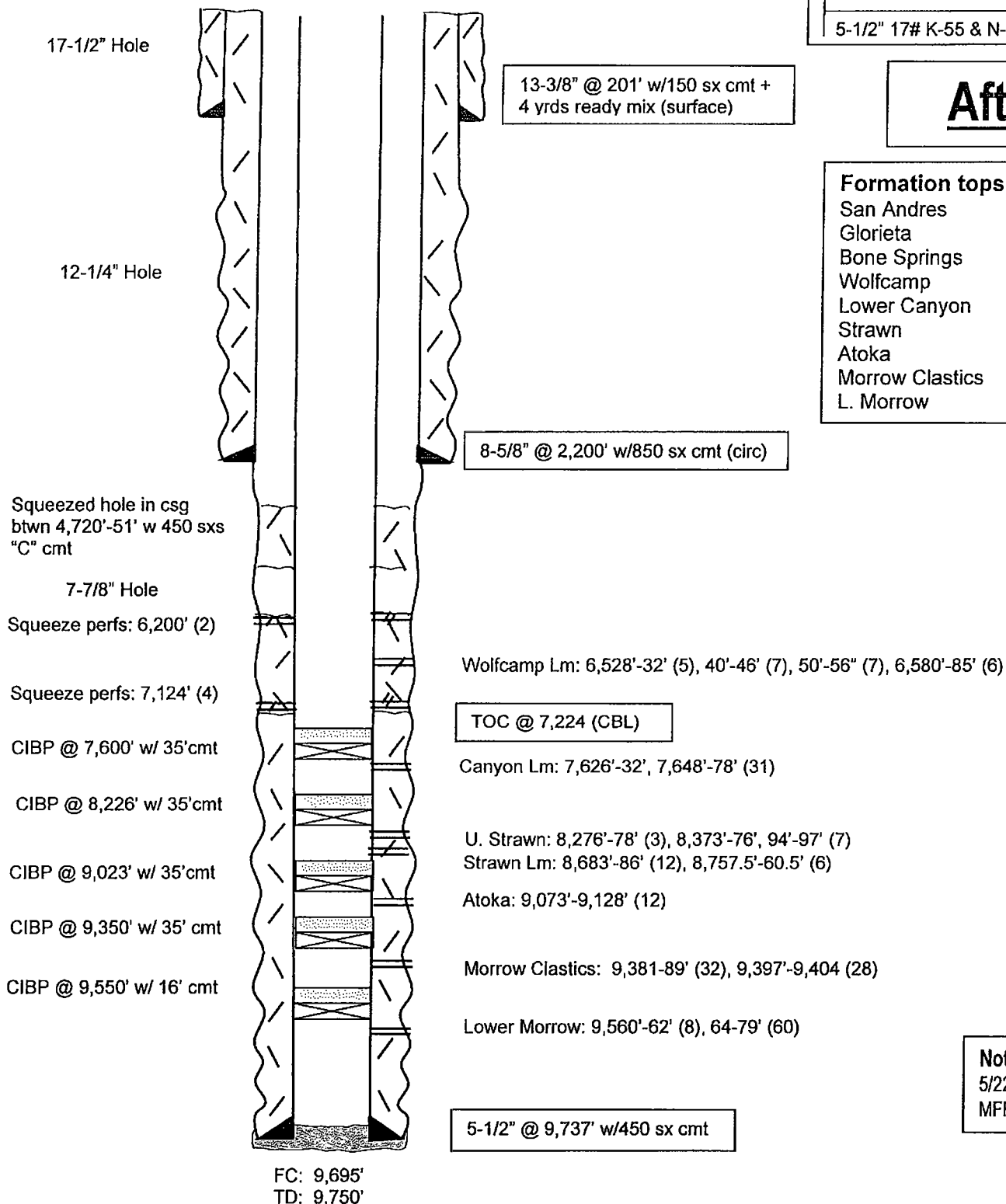
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Not to Scale
5/22/18
MFH