

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

RECEIVED

Form C-101
Revised July 18, 2013

JUL 05 2018 ☒ AMENDED REPORT

DISTRICT II-ARTESIA O.C.D.

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 30-015-23336
⁴ Property Code 12555	⁵ Property Name Menefee NT Com	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
H	30	17S	26E		1980	North	660	East	Eddy

³⁵⁸ Proposed Bottom Hole Location

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

Pool Information

<i>Eagle Creek</i>	Pool Name Wildcat, Upper Penn <i>Permo - Penn</i>	Pool Code <i>76280</i>
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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 3424'
¹⁶ Multiple N	¹⁷ Proposed Depth N/A	¹⁸ Formation Chester	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"	54.5#	327'	375 sx (In Place)	0
Intermediate	12-1/4"	8-5/8"	24#	1300'	1260 sx (In Place)	0
Production	8-3/4"	4-1/2"	11.6#	8560'	685 sx (In Place)	TOC at 6350'

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 <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> if applicable. Signature: <i>Tina Huerta</i>		OIL CONSERVATION DIVISION	
Printed name: Tina Huerta		Approved By: <i>Raymond G. Salas</i>	
Title: Regulatory Specialist		Title: <i>Geologist</i>	
E-mail Address: tina_huerta@eogresources.com		Approved Date: <i>7-9-18</i>	Expiration Date: <i>7-9-20</i>
Date: June 29, 2018	Phone: (575) 748-4168	Conditions of Approval Attached	

JUL 05 2018

Menefee NT Com #1
Section 30-T17S-R26E
Eddy County, New Mexico
Page 2

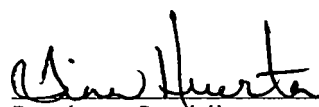
DISTRICT II-ARTESIA O.C.D.

Form C-101 continued:

EOG Y Resources, Inc. plans to plug back and recomplete this well as follows:

1. MIRU all safety equipment as needed. NU BOP. POOH with tubing and packer, loading the hole as necessary with treated water.
2. TIH with bit and BHA to tag the CIBP at 8350'. Dump bail 35' of cement on top of CIBP at 8350'.
3. Set a CIBP at 7608' and cap it with 35' of cement and then set a CIBP at 7300' and cap it with 35' of cement this will place a plug over the Canyon top. Load the hole with treated water.
4. Run CBL/GR/CC from PBTD to 500' past the top of cement while holding 1500 psi on casing.
5. Perforate Cisco 7046'-7212' (187) with 4 jspf 90° phasing 0.42" dia. holes with deep penetrating charges.
6. TIH with tubing 0/0, 1.87" profile nipple, 10K packer. ND BOP NU 5K tree and test the annulus to 1500 psi.
7. Acidize with 5000g of 15% NEFE HCL at as high of a rate as possible while limiting the surface treating pressure to 4500 psi. Drop 150 1.3 SG RCN ball sealers spaced out evenly throughout the first 2500g of the acid. During the acid treatment hold 1000 psi on the annulus and place a pop off valve set at 1500 psi on the annulus. Displace the acid the bottom perf with treated water and over flush by 50 bbls.
8. Shut the well in for 60 min. RU for flow/swab testing with a test trailer and portable flare stack.
9. Turn the well over to the Production department.

Wellbore schematics attached



Regulatory Specialist
June 29, 2018

WELL NAME: MENEFEE NT COM No. 001 FIELD: E. Eagle Creek Atoka-Morrow
 LOCATION: 1,980' FNL & 660' FEL of Sec. 30-T17S-R26E Eddy Co., NM
 GL: 3,409' ZERO: _____ KB: 3,424'
 SPUD DATE: 03/15/91 COMPLETION DATE: 04/28/81
 COMMENTS: API No.: 30-015-23336

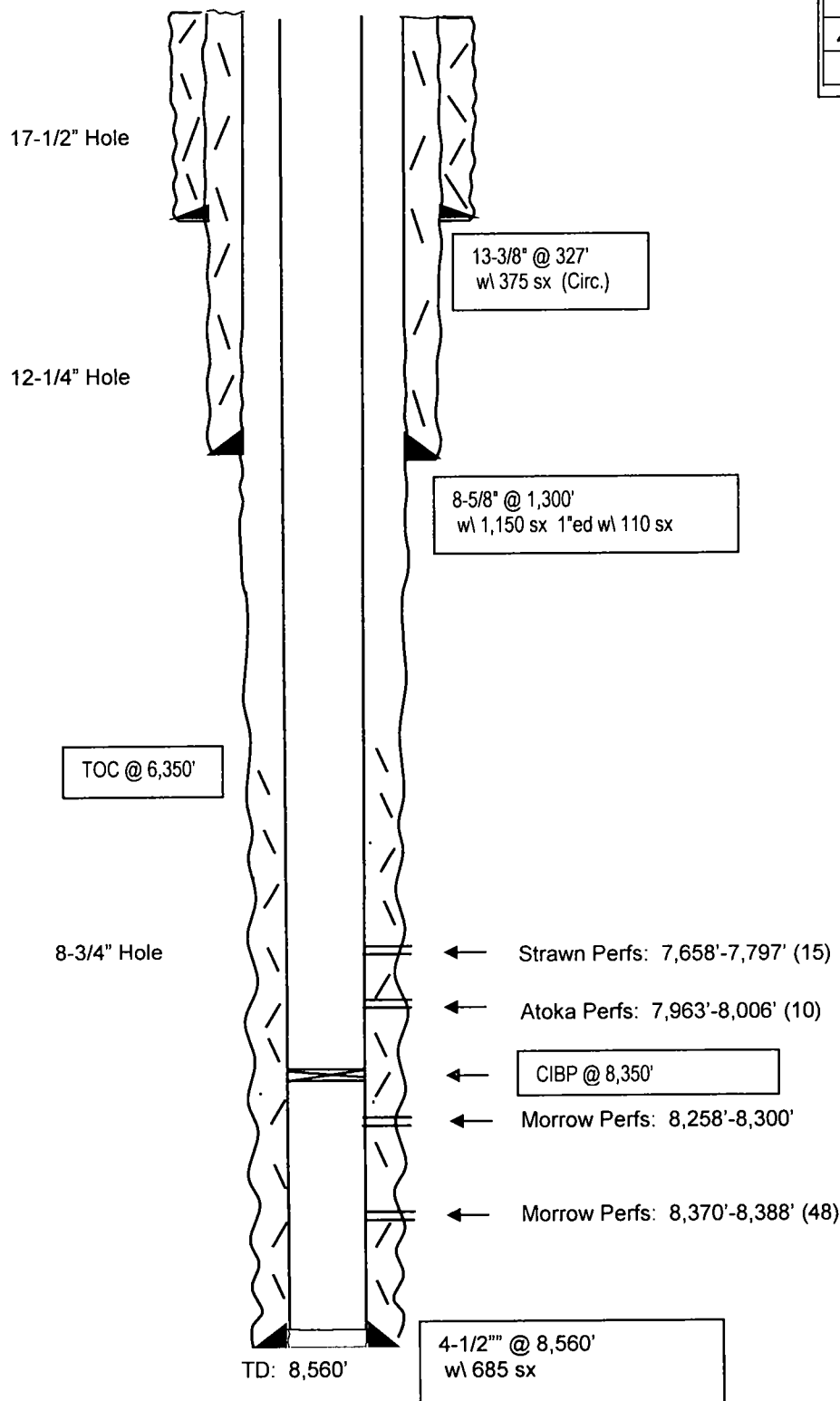
CASING PROGRAM

13-3/8" 54.5# K-55	<u>327'</u>
8-5/8" 24# K-55	<u>1,300'</u>
4.5" 11.6# K-55 LT&C	<u>8,560'</u>

Before

TOPS

SA	838'
GL	2,260'
Abo	4,214'
WC	5,468'
Penn	6,707'
LCanyon	7,345'
Strawn	7,586'
Atoka	8,010'
Morrow CL	8315'
Chester	8,506'



Not to Scale
 06/28/18
 JMH

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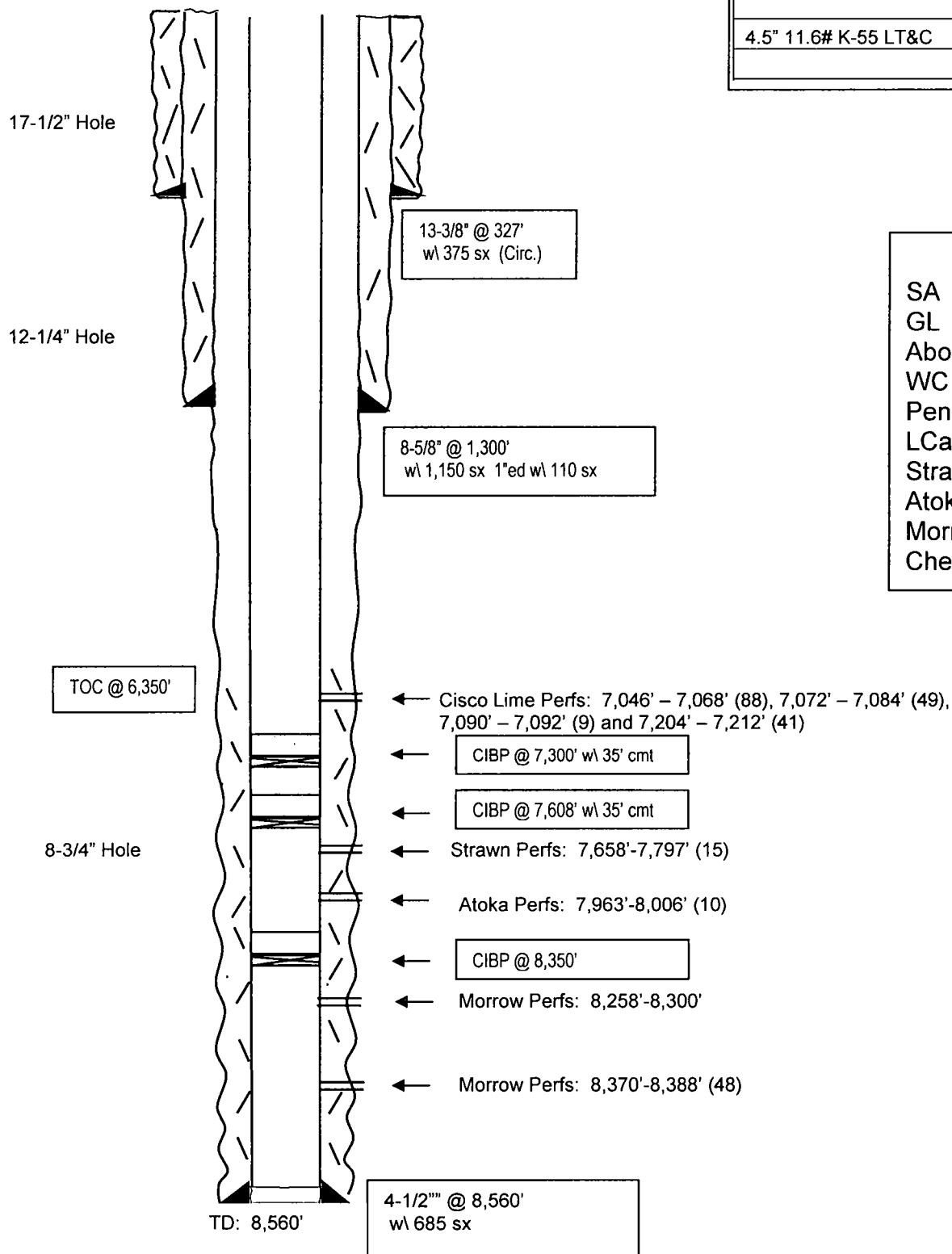
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