

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
NM OIL CONSERVATION
ARTESIA DISTRICT
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
 Revised July 18, 2013

OCT 10 2017

AMENDED REPORT

RECEIVED

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 30-015-33174
⁴ Property Code 33276	⁵ Property Name Orval BDQ State 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
E	32	20S	23E		2090	North	1093	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

⁹ Pool Name <i>WC-015-203132E</i> Wildcat, Abo	¹⁰ Pool Code <i>98253</i>
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Additional Well Information

¹¹ Work Type P	¹² Well Type O	¹³ Cable/Rotary N/A	¹⁴ Lease Type S	¹⁵ Ground Level Elevation 4417'
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
Conductor	26"	20"	Conductor	40'	Redi-mix (In Place)	0
Surface	12-1/4"	9-5/8"	36#	1425'	1740 sx (In Place)	0
Production	8-3/4"	5-1/2"	15.5# & 17#	8950'	2325 sx (In Place)	200'

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: *Tina Huerta*
 Printed name: Tina Huerta
 Title: Regulatory Specialist
 E-mail Address: tina_huerta@eogresources.com
 Date: October 10, 2017 Phone: (575) 748-4168

OIL CONSERVATION DIVISION	
Approved By: <i>Raymond J. Rodary</i>	
Title: <i>Geologist</i>	
Approved Date: <i>11-7-17</i>	Expiration Date: <i>11-7-19</i>
Conditions of Approval Attached	

TH

Form C-101 continued:

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

1. MIRU all safety equipment as needed. NU BOP. POOH with the packer. Load hole as necessary with fresh water.
2. Set a CIBP at 8446' with 25 sx Class "H" cement on top. This will place a plug over open Morrow perforations.
3. Set a CIBP at 8154' with 25 sx Class "H" cement on top. This will place a plug over open Atoka perforations.
4. Spot a 240' Class "C" cement plug from 5995'-6235'. This will leave a plug across Upper Penn top.
5. Spot a 240' Class "C" cement plug from 5134'-5374'. This will leave a plug across Wolfcamp top.
6. Perforate Abo 3920'-5100' (1181).
7. TIH with packer, profile nipple and tubing. Set packer at 120' above the top perf.
8. Acidize with 5000g 20% NEFE acid. Drop 30 1.3 SG RCN ball sealers spaced out evenly throughout the acid flush to the bottom perf with treated water. Limit STP to 5000 psi. Swab, flow test and evaluate.
9. Pump a fracturing treatment down the 3.5" tubing at 38-40 BPM while limiting the surface treating pressure to less than 8,600 psi.

Treating Schedule

Stage Number	Stage	gal	Fluid	Prop Conc lb/gal	lb Proppant		
					Stage	Cumulative	Proppant
1	Injection	1500.	Slickwater	0.00	0.	0.	----
2	Acid	2000.	20% HCL	0.00	0.	0.	----
3	Pad	2000.	Slickwater	0.00	0.	0.	----
4	ISIP	0.	Slickwater	0.00	0.	0.	----
5	Pad	14000.	Slickwater	0.00	0.	0.	----
6	SLF	33000.	Slickwater	0.50	16500.	16500.	100 Mesh
7	SLF	25000.	Slickwater	1.00	25000.	41500.	100 Mesh
8	SLF	22000.	Slickwater	1.50	33000.	74500.	100 Mesh
9	SLF	17000.	Slickwater	2.00	34000.	108500.	100 Mesh
10	SLF	6600.	Slickwater	2.50	16500.	125000.	100 Mesh
11	Flush	1500.	Slickwater	0.00	0.	0.	----

Estimated Surface Treating Pressure = 4,564 psig.

Maximum Surface Treating Pressure = 8,600 psig.

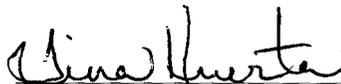
Fluid Specifications: Fresh water with 0.8 Gal/M FR, biocide and scale inhibitor.

EOG will provide:

6 clean frac tanks with 480 bbls of fresh water for the treatment and flush.

10. Flow test and evaluate and let the well clean up, if the well is dead or the pressure is low bullhead 10# brine with biocide and POOH with tubing and packer. If the well head pressure is staying above 200 psi set a blanking plug in the O/O tool jay off the packer and POOH laying down the 3.5" frac string. TIH with tubing and jay back onto the packer and pull the blanking plug.

11. Swab the well in and turn it over to the production.



 Regulatory Specialist
 October 10, 2017

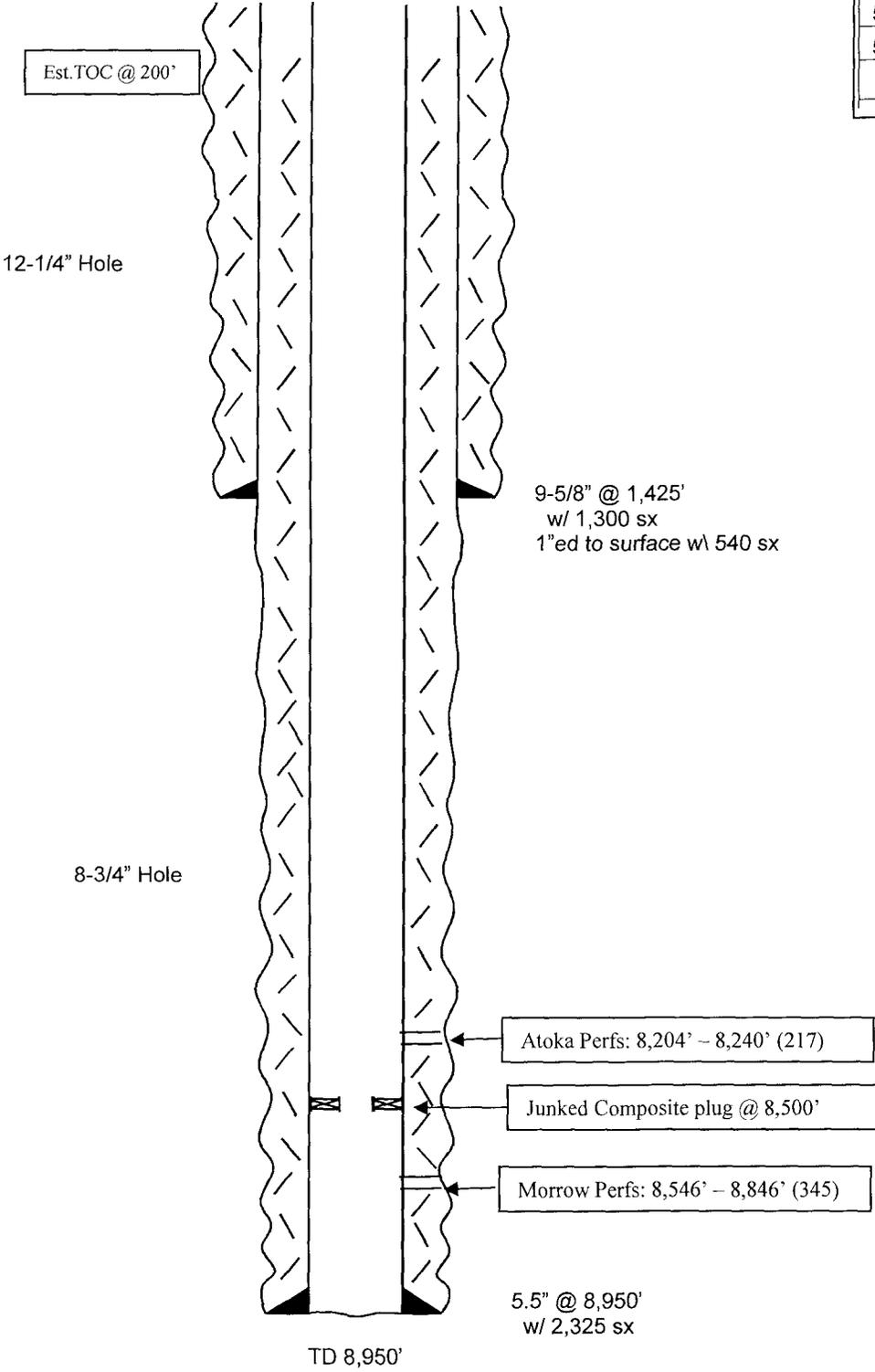
WELL NAME: ORVAL BDQ STATE COM No. 1 **FIELD:** Little Box Canyon Morrow
LOCATION: 2090 FNL & 1093 FWL Sec 32-20S-23E Eddy County NM
GL: 4,417' **ZERO:** 17' **KB:** 4,434'
SPUD DATE: 01/30/04 **COMPLETION DATE:** 06/04/04 1
COMMENTS: API #: 30-015-33174

CASING PROGRAM

9-5/8" 36# J55 ST&C	1,425'
Top	
5.5" 17# J-55 172'	
5.5 15.5# J-55 6,381'	
5.5" 17# J-55 684'	
5.5" 17# P-110 1,731"	8,950'
Bottom	

Before

TOPS	
San Andres	512'
Glorieta	2,215'
Abo	3,817'
Wolfcamp	5,274'
U. Penn	6,235'
Strawn	7,596'
Atoka	8,135'
Morrow	8,290'



Not to Scale
 09/27/17
 JMH

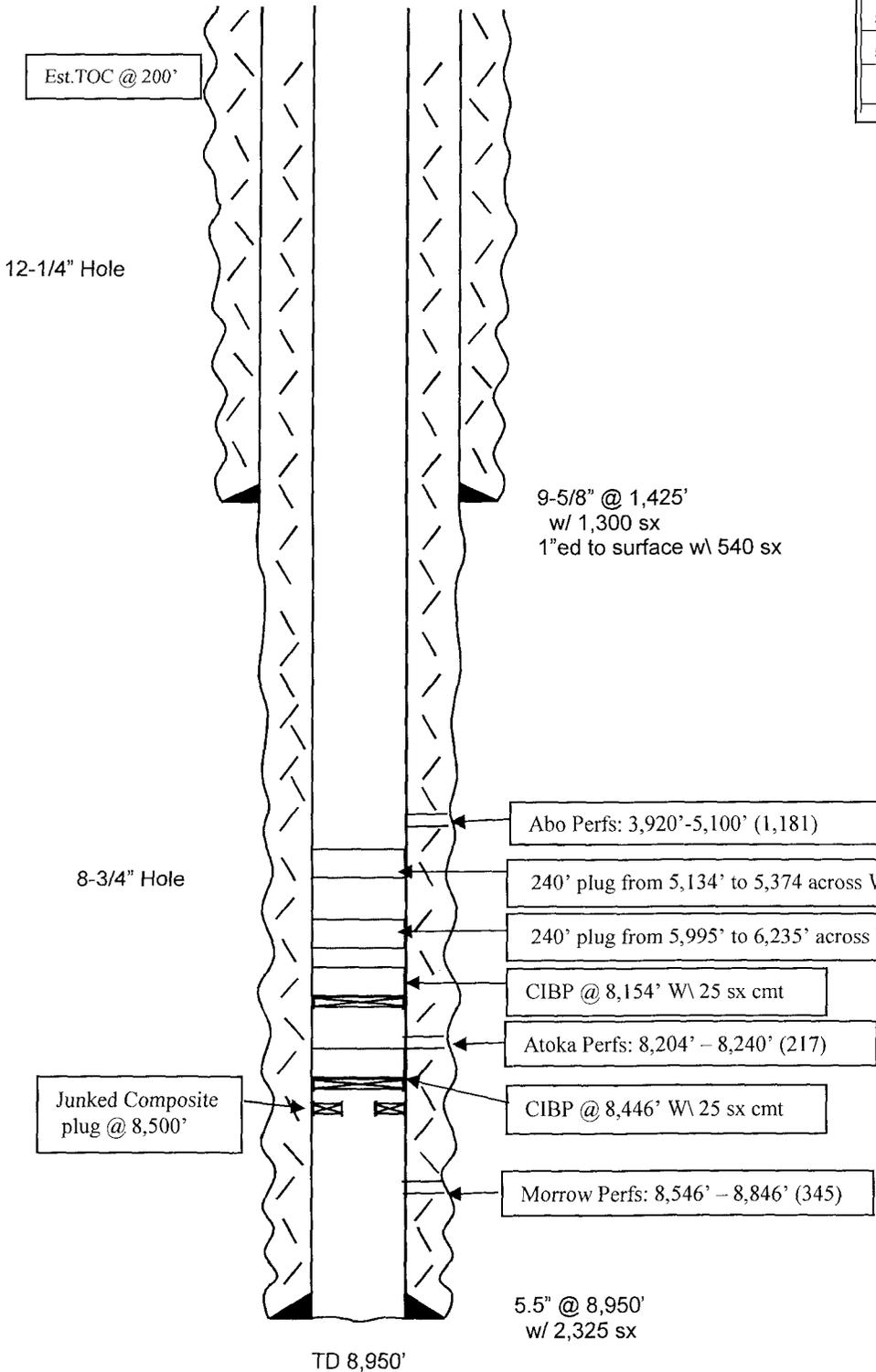
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