

**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

State of New Mexico

Form C-101  
Revised July 18, 2013

RECEIVED

Energy Minerals and Natural Resources

Oil Conservation Division

AMENDED REPORT

JUN 08 2018

1220 South St. Francis Dr.

Santa Fe, NM 87505

DISTRICT II-ARTESIA O.G.D.

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

<sup>1</sup> Operator Name and Address EOG Y Resources, Inc. 104 South Fourth Street Artesia, NM 88210		<sup>2</sup> OGRID Number 025575
		<sup>3</sup> API Number 30-015-23716
<sup>4</sup> Property Code 12175	<sup>5</sup> Property Name Davis NC Com	<sup>6</sup> Well No. 2

<sup>7</sup> Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
L	11	19S	24E		1980	South	660	West	Eddy

<sup>8</sup> 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	<i>Penasco Draw U.P. Penn.</i>	Pool Code <i>50280</i>
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Additional Well Information

<sup>11</sup> Work Type P	<sup>12</sup> Well Type G	<sup>13</sup> Cable/Rotary N/A	<sup>14</sup> Lease Type P	<sup>15</sup> Ground Level Elevation 3636'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth N/A	<sup>18</sup> Formation Mississippian	<sup>19</sup> Contractor N/A	<sup>20</sup> 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

<sup>21</sup> 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#	400'	400 sx (In Place)	0
Intermediate	12-1/4"	8-5/8"	24#	1100'	1865 sx (In Place)	0
Production	7-7/8"	5-1/2"	17#	9969'	1135 sx (In Place)	0

Casing/Cement Program: Additional Comments

Refer to page 2 for details

<sup>22</sup> Proposed Blowout Prevention Program

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

<sup>23</sup> 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: June 5, 2018

Phone: (575) 748-4168

OIL CONSERVATION DIVISION

Approved By: *Raymond W. Rodary*  
Title: *Ecology 3+*  
Approved Date: *6-14-18* Expiration Date: *6-14-20*

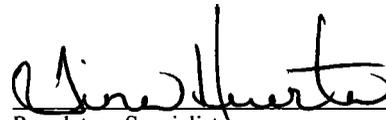
Conditions of Approval Attached

**C-101 continued:**

EOG Y Resources, Inc. plans to plug back and recomplete this well to the Canyon 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 8600' with 25 sx Class "C" cement on top. This will cover open Morrow perforations and top of Morrow.
3. Spot a 100' (25 sx) Class "C" cement plug from 8106'-8206'. This will place a plug across DV tool.
4. Perforate Canyon 7518'-7530' (23) with 1 JSPF, 90 degree phasing and 0.42" deep penetrating charges.
5. Acidize with 3000g 15% NEFE acid. Flush to the bottom perf with treated water. Swab back load.
6. TIH with production equipment and turn well over to production.

Wellbore schematics attached

  
Regulatory Specialist  
June 5, 2018

WELL NAME: Davis NC Com #2

FIELD: Boyd, Morrow (Gas)

LOCATION: 1,980' FSL & 660' FWL of Section 11-19S-24E

Eddy Co., NM

GL: \_\_\_\_\_ ZERO: \_\_\_\_\_ KB: \_\_\_\_\_

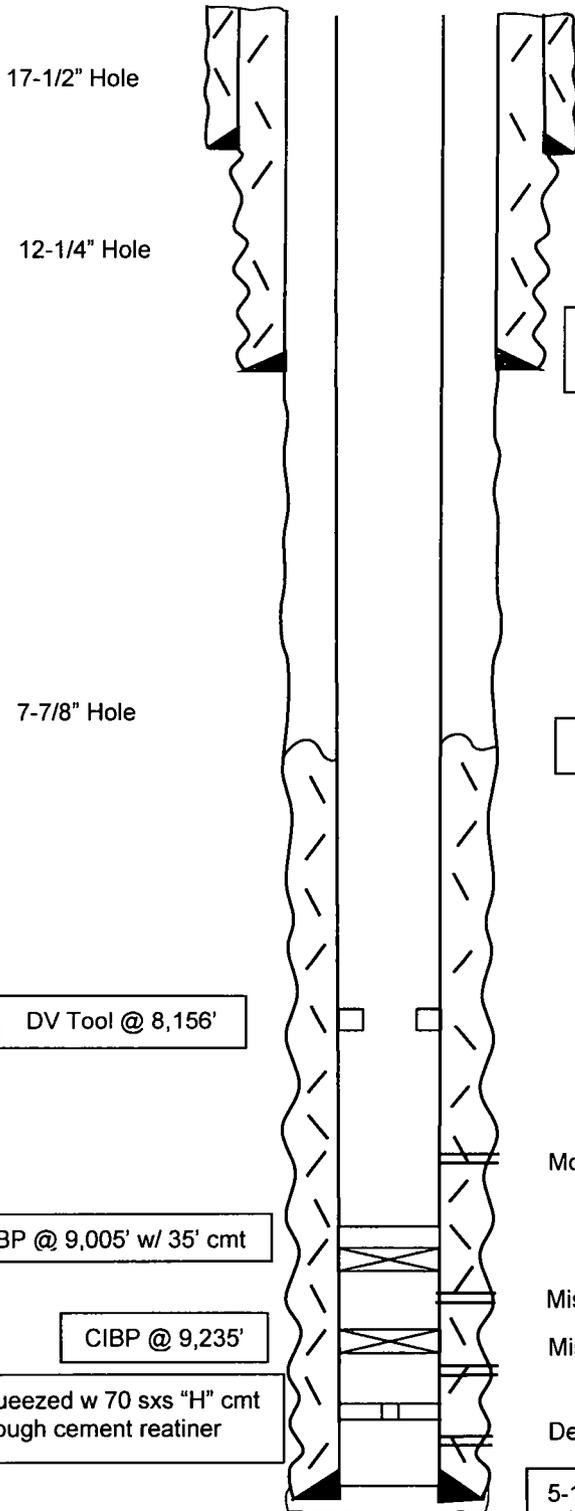
SPUD DATE: 04-15-1981 COMPLETION DATE: 01-13-1982

COMMENTS: API No: 30-015-23716

**CASING PROGRAM**

13-3/8" 54.50# K-55	<b>400'</b>
8-5/8" 24# K-55 ST&C	<b>1,100'</b>
5-1/2" 17# k-55 & N-80 LT&C	<b>9,969'</b>

**Before**



13-3/8" @ 400' w/400 sx cmt (circ)

8-5/8" @ 1,100' w/1,150 sx cmt.  
1" 715 sx cmt to surface

TOC @ 5,620' (CBL)

Formation tops	
San Andres	445'
Glorieta	1,797'
Abo	3,816'
Wolfcamp LS	5,046'
Cisco	6,266'
Canyon Lower	7,367'
Strawn	8,013'
Atoka	8,362'
Morrow Clastics	8,629'
Chester	8,869'
Mississippian LS	9,014'

DV Tool @ 8,156'

CIBP @ 9,005' w/ 35' cmt

CIBP @ 9,235'

Squeezed w 70 sxs "H" cmt through cement reatiner

Morrow: 8,650'-58' (16)

Mississippian: 9,157'-76', 9,206-12' (16)

Mississippian: 9,250'-9,352' (43)

Devonian: 9,613'-9,617' (5) squeezed and under a cmt reatiner

5-1/2" @ 9,969 w/1,135 sx cmt  
1<sup>st</sup> Stage: 385 sx cmt (circ)  
2<sup>nd</sup> Stage: 750 sx cmt (circ)

FC: 9,935'  
TD: 10,000'

**Not to Scale**  
5/29/18  
MFH

WELL NAME: Davis NC Com #2

FIELD: \_\_\_\_\_

LOCATION: 1,980' FSL & 660' FWL of Section 11-19S-24E

Eddy Co., NM

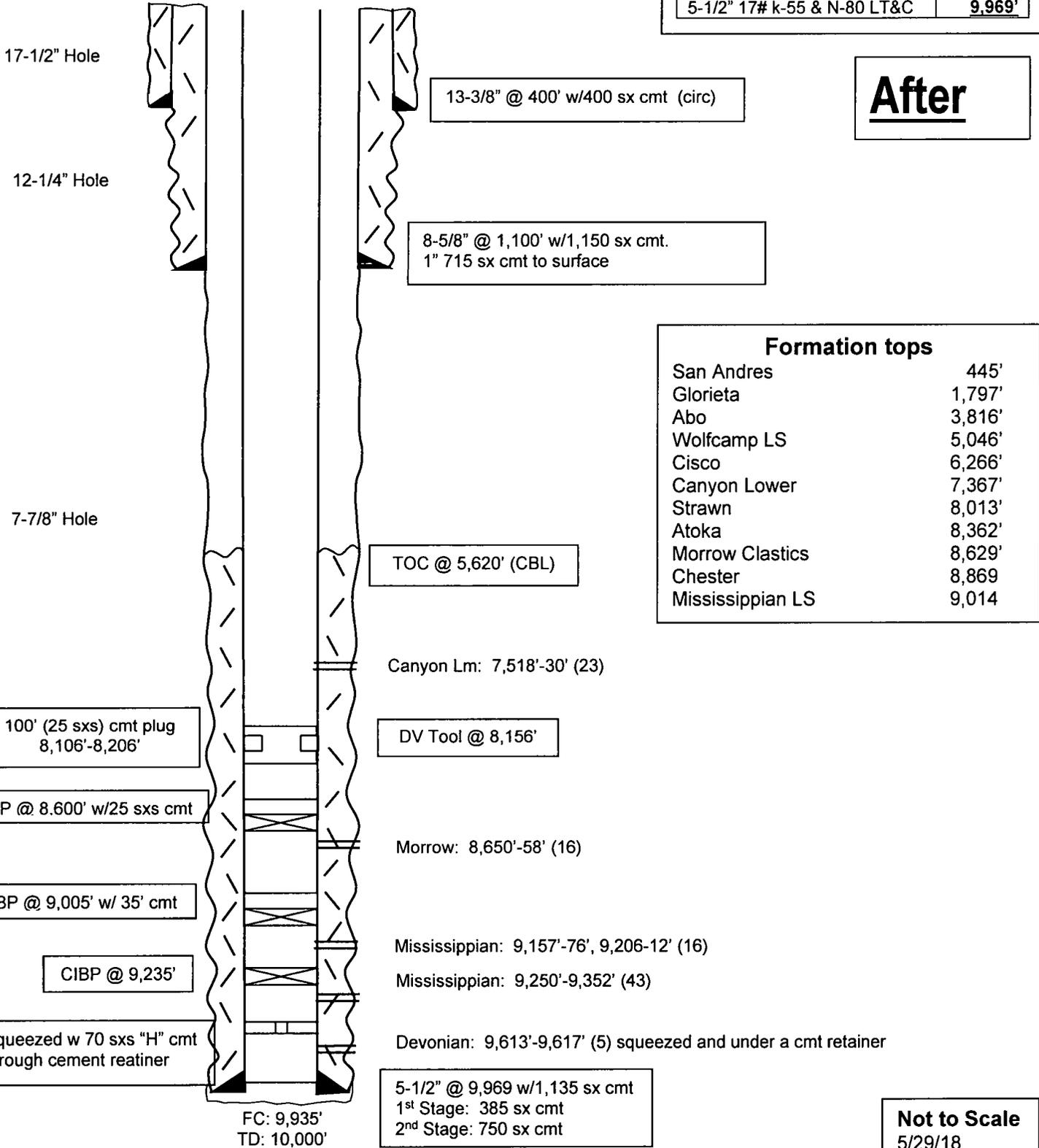
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**After**

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