

Submit 1 Copy To Appropriate District Office  
District I – (505) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II – (505) 748-1283  
811 S. First St., Artesia, NM 88210  
District III – (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV – (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. <b>3002546775</b>
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator <b>EOG RESOURCES</b>		6. State Oil & Gas Lease No. <b>317562</b>
3. Address of Operator <b>P O BOX 2267, MIDLAND TX 79702</b>		7. Lease Name or Unit Agreement Name <b>FRAZIER 27 STATE COM</b>
4. Well Location Unit Letter <b>A</b> : <b>1094</b> feet from the <b>NORTH</b> line and <b>786</b> feet from the <b>EAST</b> line Section <b>27</b> Township <b>24S</b> Range <b>33E</b> NMPM County <b>LEA CO, NM</b>		8. Well Number <b>201H</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>GL 3531'</b>		9. OGRID Number <b>7377</b>
		10. Pool name or Wildcat <b>96682 TRISTE DRAW, BONESPRING, E</b>

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input checked="" type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <b>DRILL CSG</b>	<input checked="" type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

EOG respectfully requests an amendment to our approved APD for this well to reflect the following changes:  
Change surface hole size to 13-1/2"  
Change casing and cement program to a 10-3/4 x 8-3/4 x 5-1/2 inch casing design  
Retain previously permitted program as alternate design

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Emily Follis TITLE Sr. Regulatory Administrator DATE 11-16-2020

Type or print name Emily Follis E-mail address: emily.follis@eogresources.com PHONE: 432-848-9163

**For State Use Only**

APPROVED BY: [Signature] TITLE \_\_\_\_\_ DATE 11/23/2020  
Conditions of Approval (if any): \_\_\_\_\_

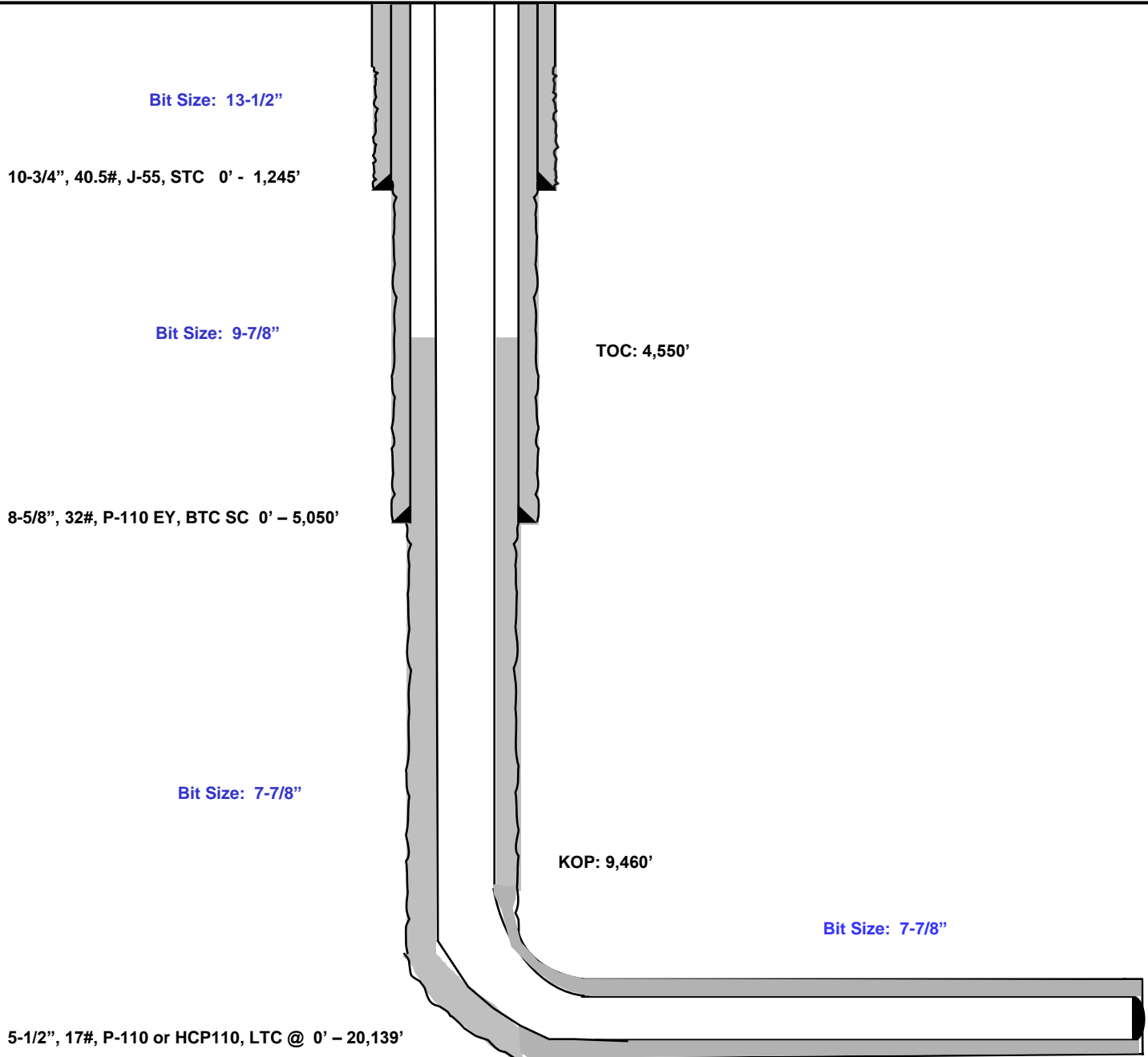
Frazier 27 State Com #201H  
Lea County, New Mexico

Revised Wellbore Design A  
1/11/2020

1094' FNL  
786' FEL  
Section 27  
T-24-S, R-33-E

API: 30-025-46775

KB: 3,556'  
GL: 3,531'



Lateral: 20,139' MD, 9,822' TVD  
BH Location: 100' FSL & 330' FEL  
Section 34  
T-24-S, R-33-E

**EOG RESOURCES, INC.**  
**FRAZIER 27 STATE COM #201H**

**Revised Permit Information 11/11/2020:**

Well Name: Frazier 27 State Com #201H

Location:

SHL: 1094' FNL & 786' FEL, Section 27, T-24-S, R-33-E, Lea Co., N.M.

BHL: 100' FSL & 330' FEL, Section 34, T-24-S, R-33-E, Lea Co., N.M.

**Casing Program:**

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF <sub>min</sub> Collapse	DF <sub>min</sub> Burst	DF <sub>min</sub> Tension
13.5"	0' – 1,245'	10.75"	40.5#	J-55	STC	1.125	1.25	1.60
9.875"	0' – 5,050'	8.625"	32#	P-110 EY	BTC SC	1.125	1.25	1.60
7.875"	0' – 20,139'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60

**Cement Program:**

Depth	No. Sacks	Wt. ppg	Yld Ft <sup>3</sup> /ft	Slurry Description
1,245'	360	13.5	1.73	Lead: Class C + 4.0% Bentonite + 0.5% CaCl <sub>2</sub> + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	100	14.8	1.34	Tail: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
5,050'	200	9.0	3.5	Lead: Class C + 10% NaCl + 6% Bentonite Gel + 3% MagOx (TOC @ Surface)
	150	14.4	1.20	Tail: Class C + 10% NaCl + 3% MagOx
20,139'	320	11.0	3.21	Lead: Class C + 3% CaCl <sub>2</sub> + 3% Microbond (TOC @ 4,550')
	2,030	14.4	1.2	Tail: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond

**Mud Program:**

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0' – 1,245'	Fresh - Gel	8.6-8.8	28-34	N/c
1,245' – 5,050'	Brine	10.0-10.2	28-34	N/c
5,050' – 9,460'	Cut Brine	8.4-9.0	28-34	N/c
9,460' – 20,139' Lateral	Oil Base	9.0-9.5	40-42	8-10

EOG respectfully requests to retain the option to drill the previously approved 3 string design, to be referred to in subsequent reports as Design B.