

Submit 1 Copy To Appropriate District Office  
District I – (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II – (575) 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

HOBBS OCD- RECEIVED 11/17/20

Form C-103

Revised July 18, 2013

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

WELL API NO. 3002546779
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 317562
7. Lease Name or Unit Agreement Name FRAZIER 27 STATE COM
8. Well Number 205H
9. OGRID Number 7377
10. Pool name or Wildcat 96682 TRISTLE DRAW, BONE SPRING, EAST

SUNDRY NOTICES AND REPORTS ON WELLS (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.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator EOG RESOURCES	
3. Address of Operator P O BOX 2267, MIDLAND TX 79702	
4. Well Location Unit Letter C : 559 feet from the NORTH line and 2253 feet from the WEST line Section 27 Township 24S Range 33E NMPM County LEA CO NM	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3517 GL	

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: DRILL CSG APD CHG <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:  
Upsize production casing from 5-1/2" to 6", adjust cement volumes accordingly  
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 11-17-2020

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 11/25/2020

Conditions of Approval (if any):

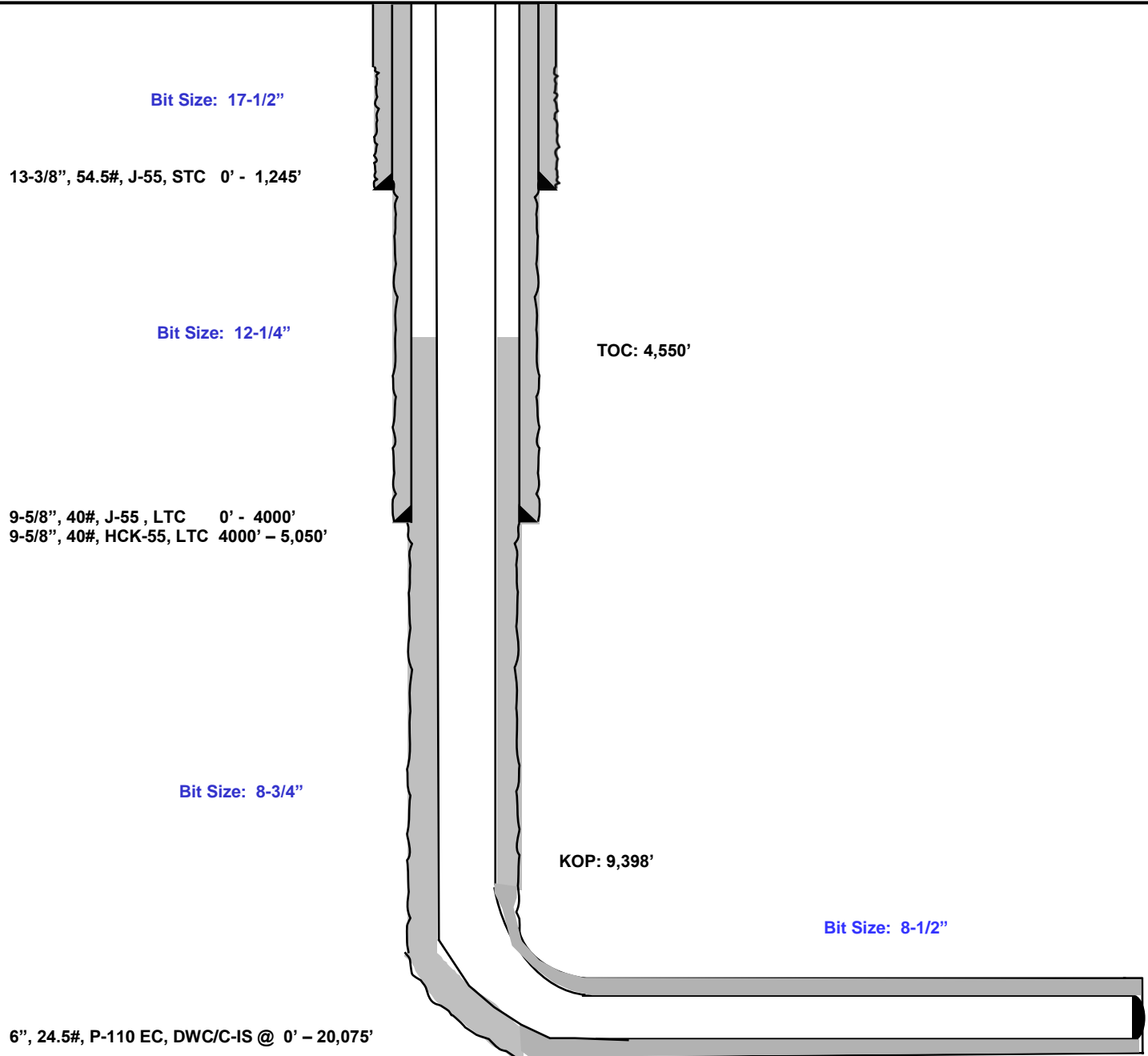
Frazier 27 State Com #205H  
Lea County, New Mexico

Revised Wellbore Design A  
11/11/2020

559' FNL  
2253' FWL  
Section 27  
T-24-S, R-33-E

API: 30-025-46779

KB: 3,542'  
GL: 3,517'



Lateral: 20,075' MD, 9,807' TVD  
BH Location: 100' FSL & 2309' FEL  
Section 34  
T-24-S, R-33-E

**EOG RESOURCES, INC.**  
**FRAZIER 27 STATE COM #205H**

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

Well Name: Frazier 27 State Com #205H

Location:

SHL: 559' FNL & 2253' FWL, Section 27, T-24-S, R-33-E, Lea Co., N.M.

BHL: 100' FSL & 2309' 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
17.5"	0' – 1,245'	13.375"	54.5#	J-55	STC	1.125	1.25	1.60
12.25"	0' – 4,000'	9.625"	40#	J-55	LTC	1.125	1.25	1.60
12.25"	4000' – 5050'	9.625"	40#	HCK-55	LTC	1.125	1.25	1.60
8.75"	0' – 10,148'	6"	24.5#	P-110 EC	DWC/C-IS	1.125	1.25	1.60
8.5"	10,148' – 20,075'	6"	24.5#	P-110 EC	DWC/C-IS	1.125	1.25	1.60

**Cement Program:**

Depth	No. Sacks	Wt. ppg	Yld Ft <sup>3</sup> /ft	Slurry Description
1,245'	560	13.5	1.73	Lead: Class C + 4.0% Bentonite + 0.5% CaCl <sub>2</sub> + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	160	14.8	1.34	Tail: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
5,050'	470	9.0	3.5	Lead: Class C + 10% NaCl + 6% Bentonite Gel + 3% MagOx (TOC @ Surface)
	350	14.4	1.20	Tail: Class C + 10% NaCl + 3% MagOx
20,075'	430	11.0	3.21	Lead: Class C + 3% CaCl <sub>2</sub> + 3% Microbond (TOC @ 4,550')
	2,240	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' – 9,398'	Cut Brine	8.4-9.0	28-34	N/c
9,398' – 20,075' 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.