

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

Form C-103
Revised July 18, 2013

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

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.)		WELL API NO. 3002546805
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator EOG RESOURCES		6. State Oil & Gas Lease No. 317562
3. Address of Operator P O BOX 2267, MIDLAND TX 79702		7. Lease Name or Unit Agreement Name FRAZIER 27 STATE COM
4. Well Location Unit Letter A : 1082 feet from the NORTH line and 850 feet from the EAST line Section 27 Township 24S Range 33E NMPM County LEA CO, NM		8. Well Number 101H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL 3531'		9. OGRID Number 7377
		10. Pool name or Wildcat 59900 - TRIPLEX X BONE SPRING

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☒	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☒	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: DRILL CSG	☒

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.

Amendment to our approved APD for this well to reflect the following changes:
size production casing from 5-1/2" to 6" in a 8-3/4" to 8-1/2" to 7-7/8" tapered
columns accordingly.
ram 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): _____

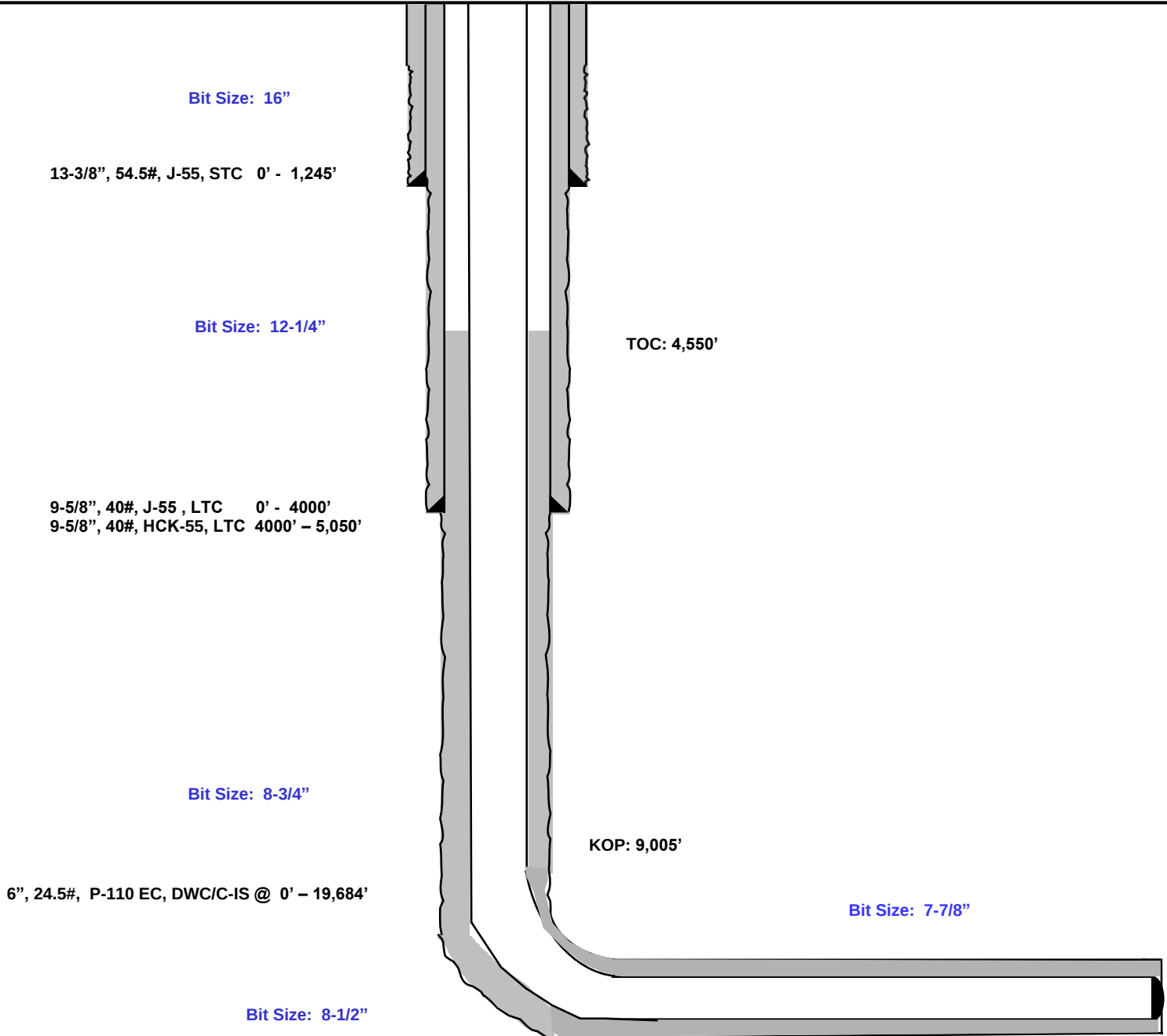
Frazier 27 State Com #101H
Lea County, New Mexico

Revised Wellbore Design A
11/11/2020

1082' FNL
850' FEL
Section 27
T-24-S, R-33-E

API: 30-025-46805

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



Lateral: 19,684' MD, 9,387' TVD
BH Location: 100' FSL & 990' FEL
Section 34
T-24-S, R-33-E

EOG RESOURCES, INC.
FRAZIER 27 STATE COM #101H

Revised Permit Information 11/11/2020:

Well Name: Frazier 27 State Com #101H

Location:

SHL: 1082' FNL & 850' FEL, Section 27, T-24-S, R-33-E, Lea Co., N.M.

BHL: 100' FSL & 990' FEL, Section 34, T-24-S, R-33-E, Lea Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
16"	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' – 9,005'	6"	24.5#	P-110 EC	DWC/C-IS	1.125	1.25	1.60
8.5"	9,005' – 9,755'	6"	24.5#	P-110 EC	DWC/C-IS	1.125	1.25	1.60
7.875"	9,755' – 19,684'	6"	24.5#	P-110 EC	DWC/C-IS	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /ft	Slurry Description
1,245'	380	13.5	1.73	Lead: Class C + 4.0% Bentonite + 0.5% CaCl ₂ + 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'	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
19,684'	400	11.0	3.21	Lead: Class C + 3% CaCl ₂ + 3% Microbond (TOC @ 4,550')
	1,640	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' – 9,005'	Cut Brine	8.4-9.0	28-34	N/c
9,005' – 19,684' 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.