

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
AUG 21 2019
RECEIVED

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

Form C-103

Revised July 18, 2013

WELL API NO. 30-025-44501
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. 315138
7. Lease Name or Unit Agreement Name FRUIT LOOP 29 STATE
8. Well Number #503H
9. OGRID Number 7377
10. Pool name or Wildcat 97927 WC-025 G-07 S213330F; BONE SPRING

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 ☒ Gas Well ☐ Other

2. Name of Operator
EOG Resources

3. Address of Operator
PO BOX 2267, MIDLAND, TX 79702

4. Well Location
Unit Letter D : 309 feet from the NORTH line and 782 feet from the WEST line
Section 29 Township 21S Range 33E NMPM County LEA CO, NM

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3752 GL

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐ APD CHANGES ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

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 BHL to T-21-S R-33-E Section 29 100' FSL 770' FWL
Updated cement design to reflect R-111-P requirements and ensure cement integrity in production string

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

TITLE

Sr. Regulatory Administrator

DATE 08/20/19

Type or print name

Emily Follis

E-mail address:

emily_follis@eog.com

PHONE:

432-848-9163

For State Use Only

APPROVED BY:

TITLE

Petroleum Engineer

DATE

08/21/19

Conditions of Approval (if any):

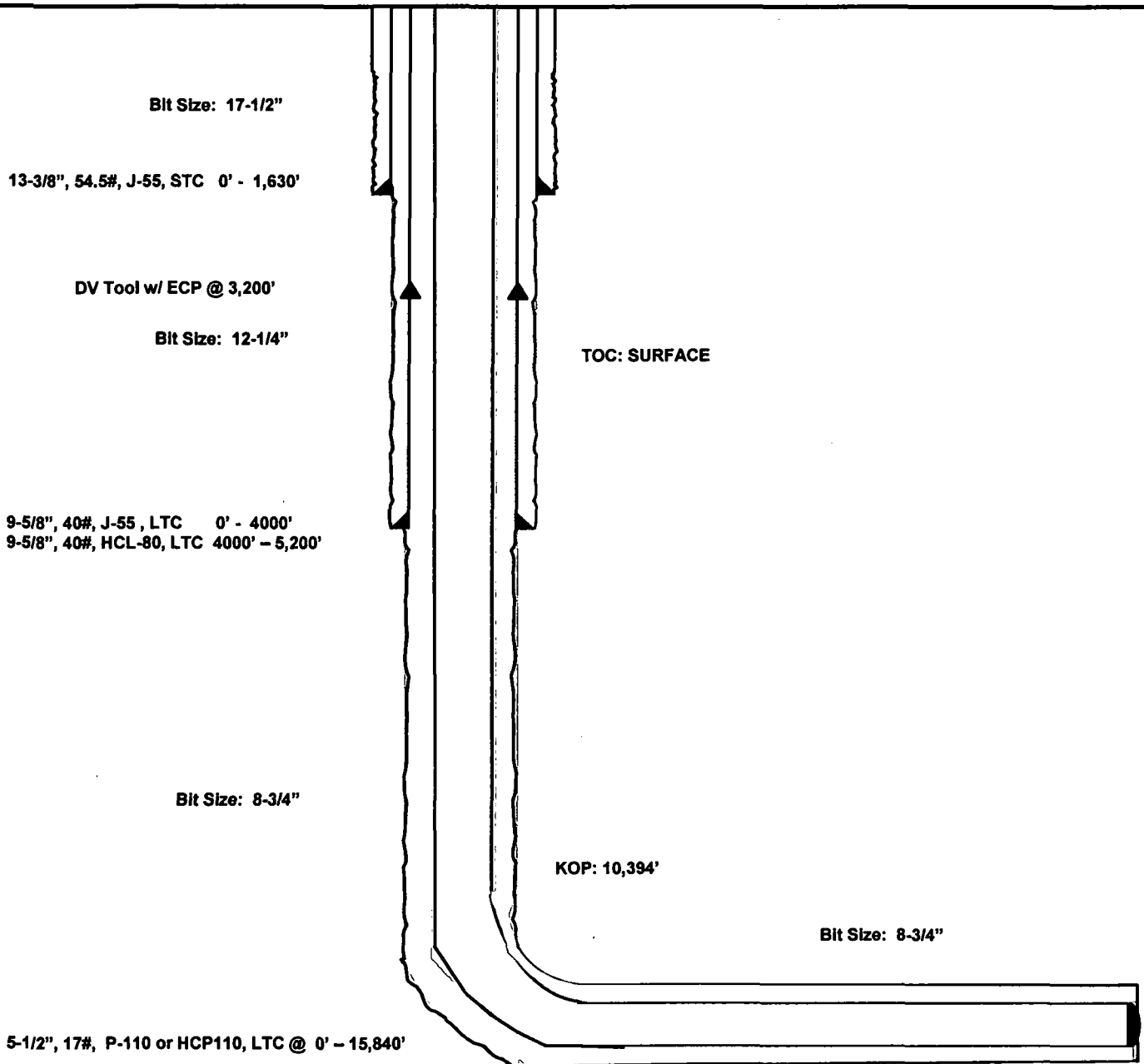
Fruit Loop 29 State #503H
Lea County, New Mexico

Revised Wellbore 8/19/19

309' FNL
782' FWL
Section 29
T-21-S, R-33-E

API: 30-025-44501

KB: 3,777'
GL: 3,752'



Lateral: 15,840' MD, 10,998' TVD
BH Location: 100' FSL & 770' FWL
Section 29
T-21-S, R-33-E

EOG RESOURCES, INC.
FRUIT LOOP 29 STATE #503H

Revised Permit Information 8/19/19:

Well Name: Fruit Loop 29 State #503H

Location:

SHL: 309' FNL & 782' FWL, Section 29, T-21-S, R-33-E, Lea Co., N.M.

BHL: 100' FSL & 770' FWL, Section 29, T-21-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
17.5"	0' - 1,630'	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' - 5,200'	9.625"	40#	HCL-80	LTC	1.125	1.25	1.60
8.75"	0' - 15,840'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /ft	Slurry Description
1,630'	1,050	13.5	1.73	Lead: Class C + 4.0% Bentonite + 0.5% CaCl ₂ + 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
5,200' DV Tool w/ ECP @ 3,200'	700	12.7	2.22	Stage 1 Lead: Class 'C' + 1.50% R-3 + 0.25 lb/sk Cello-Flake + 2.0% Sodium Metasilicate + 10% Salt + 0.005 lb/sk Static Free (TOC @ 3,200')
	200	14.8	1.32	Stage 1 Tail: Class 'C' + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
	700	12.7	2.22	Stage 2 Lead: Class 'C' + 1.50% R-3 + 0.25 lb/sk Cello-Flake + 2.0% Sodium Metasilicate + 10% Salt + 0.005 lb/sk Static Free (TOC @ Surface)
	200	14.8	1.32	Stage 2 Tail: Class 'C' + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
15,840'	470	12.7	2.22	1 st Stage (Lead): Class H + 5% Salt + 1% PreMag-M (TOC @ 7,100')
	1,360	14.4	1.31	1 st Stage (Tail): Class H + 5% Salt
	1,400	12.7	3.21	2 nd Stage (Bradenhead squeeze): Class C + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (TOC @ Surface)

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0' - 1,630'	Fresh - Gel	8.6-8.8	28-34	N/c
1,630' - 5,200'	Brine	10.0-10.2	58-68	N/c - 6
5,200' - 10,394'	Oil Base	8.7-9.4	58-68	N/c - 6
10,394' - 15,840' Lateral	Oil Base	9.0-9.5	58-68	N/c - 6