

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

WELL API NO. 30-025-45240
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. VB-0871; VB 0864
7. Lease Name or Unit Agreement Name Mamba 30 State Com
8. Well Number 505H
9. OGRID Number 7377
10. Pool name or Wildcat WC-025 G-07 S243225C; Lower Bone Spr

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, Inc.
3. Address of Operator P.O. Box 2267, Midland, Texas 79702
4. Well Location Unit Letter <u>N</u> : <u>454</u> feet from the <u>South</u> line and <u>1334</u> feet from the <u>West</u> line Section <u>30</u> <u>24S</u> Township <u>33E</u> Range <u>NMPM</u> Lea <u>County</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3553'

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: Amend APD ☒		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 Resources Inc, respectfully requests to amend the APD (Permit 257943) to change the lateral location and bottom hole location for the above referenced well. Attached please find the following amended documents: C-102 plat and Additional Points document, the proposed wellbore diagram, the proposed drilling/casing/cementing/mud information, the proposed directional plot, and the proposed directional plan.

HOBBS OCD
NOV 20 2018
RECEIVED

Spud Date: Estimated 12/1/2018

Rig Release Date:

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

SIGNATURE Sarah Mitchell TITLE Regulatory Contractor DATE 10/29/2018

Type or print name Sarah Mitchell E-mail address: sarah_mitchell@eogresources.com PHONE: 432-848-9133

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 11/20/18
Conditions of Approval (if any):

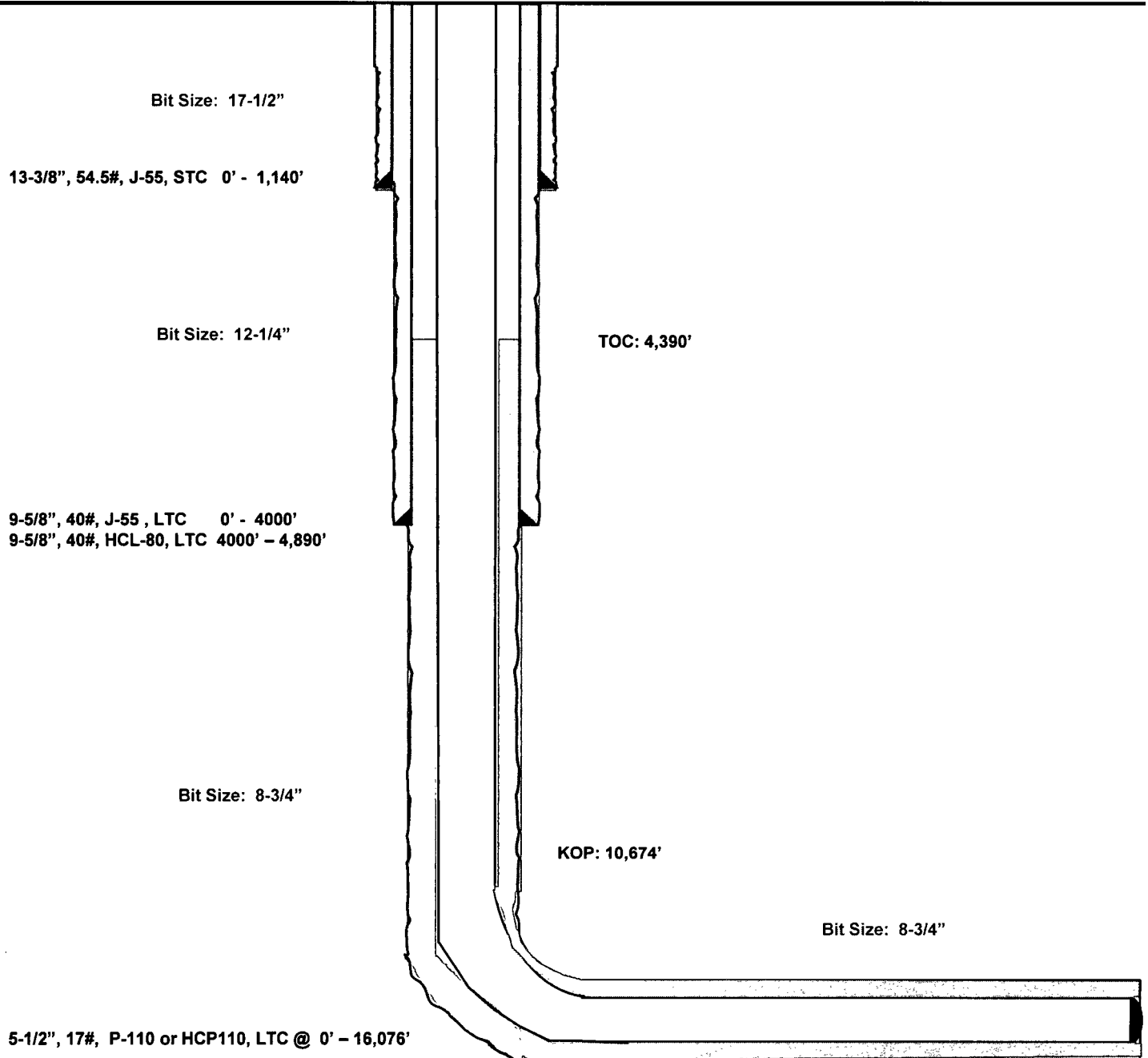
**Mamba 30 State Com #505H
Lea County, New Mexico**

**454' FSL
1,334' FWL
Section 30
T-24-S, R-33-E**

Revised Wellbore 10/17/18

API: 30-025-45240

**KB: 3,578'
GL: 3,553'**



Lateral: 16,076' MD, 11,141' TVD

**BH Location: 100' FNL & 1,330' FWL
Section 30
T-24-S, R-33-E**

Permit Information Revised BHL 10/17/18:

Well Name: Mamba 30 State Com No. 505H

Location:

SHL: 454' FSL & 1,334' FWL, Section 30, T-24-S, R-33-E, Lea Co., N.M.

BHL: 100' FNL & 1,330' FWL, Section 30, 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
17.5"	0 – 1,140'	13.375"	54.5#	J-55	STC	1.125	1.25	1.60
12.25"	0-4000'	9.625"	40#	J-55	LTC	1.125	1.25	1.60
12.25"	4000' – 4890'	9.625"	40#	HCL-80	LTC	1.125	1.25	1.60
8.75"	0'-16,076'	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
1,140'	600	13.5	1.73	Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	300	14.8	1.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
4,890'	900	12.7	2.22	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)
	225	14.8	1.32	Tail: Class 'C' + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
16,076'	375	10.8	3.67	60:40:0 Class C + 15.0 pps BA-90 + 4% MPA-5 + 3.0% SMS + 5.0% A-10 + 1.0% BA-10A + 0.80% ASA-301 + 2.55% R-21 + 8.0 pps LCM-1 (TOC @ 4,390')
	400	11.8	2.38	50:50:10 Class H + 0.80% FL-52 + 0.30% ASA-301 + 0.40% SMS + 2.0% Salt + 0.30% R-21 + 3.0 pps LCM-1 + 0.25 pps Celloflake
	1300	14.2	1.28	50:50:2 Class H + 0.65% FL-52 + 0.45% CD-32 + 0.10% SMS + 2.0% Salt

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,140'	Fresh - Gel	8.6-8.8	28-34	N/c
1,140' – 4,890'	Brine	10.0-10.2	28-34	N/c
4,890' – 10,674'	Cut Brine	8.4-9.0	28-34	N/c
10,674' – 16,076' Lateral	Cut Brine	9.0-9.5	40-42	8-10