

Submit 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. 30-025-47141
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 EOG Resources		6. State Oil & Gas Lease No.
3. Address of Operator 5509 CHAMPION DRIVE, MIDLAND, TEXAS 79703		7. Lease Name or Unit Agreement Name HEARTTHROB 17 STATE COM
4. Well Location Unit Letter <u>B</u> : <u>680</u> feet from the <u>NORTH</u> line and <u>1354</u> feet from the <u>EAST</u> line Section <u>17</u> Township <u>24S</u> Range <u>33E</u> NMPM County <u>LEA CO NM</u>		8. Well Number <u>205H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3593 GL		9. OGRID Number 7377
		10. Pool name or Wildcat TRIPLE X; BONESPRING, WEST

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 checked="" type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <u>APD CHANGE</u>	<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 and amendment to our approved APD for this well to reflect the following changes:
 Change surface hole size to 16"
 Option to drill curve and lateral with as 7-7/8" or 8-1/2"

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 Star L Harrell TITLE Sr. Regulatory Specialist DATE 1-25-2021

Type or print name Star L Harrell E-mail address: sharrell@eogresources.com PHONE: 432-848-9161

For State Use Only

APPROVED BY: [Signature] TITLE _____ DATE 01/29/2021

Conditions of Approval (if any): _____

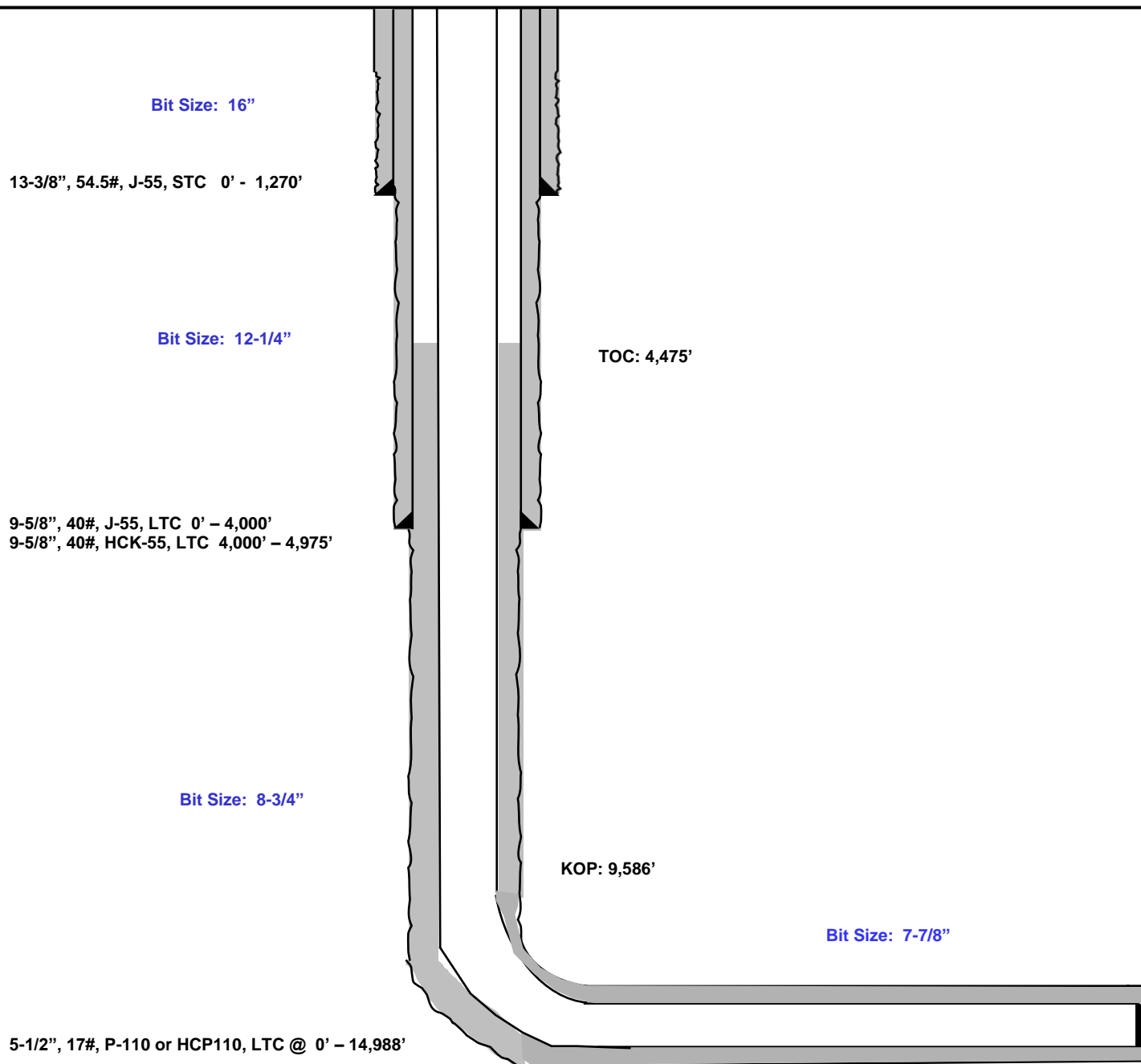
Heartthrob 17 State Com #205H
Lea County, New Mexico

680' FNL
1354' FWL
Section 17
T-24-S, R-33-E

Revised Wellbore
1/21/2021

API: 30-025-47141

KB: 3,618'
GL: 3,593'



Lateral: 14,988' MD, 9,955' TVD
BH Location: 100' FSL & 2313' FEL
Section 17
T-24-S, R-33-E

**EOG RESOURCES, INC.
HEARTTHROB 17 STATE COM #205H**

Revised Permit Information 1/21/2021:

Well Name: Heartthrob 17 State Com #205H

Location:

SHL: 680' FNL & 1354' FEL, Section 17, T-24-S, R-33-E, Lea Co., N.M.

BHL: 100' FSL & 2313' FEL, Section 17, 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' – 1,270'	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' – 4,975'	9.625"	40#	HCK-55	LTC	1.125	1.25	1.60
8.75"	0' – 9,586'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60
7.875"	9,586' – 14,988'	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
1,270'	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
4,975'	720	9.0	3.5	Lead: Class C + 10% NaCl + 6% Bentonite Gel + 3% MagOx (TOC @ Surface)
	310	14.4	1.20	Tail: Class C + 10% NaCl + 3% MagOx
14,988'	510	11.0	3.21	Lead: Class C + 3% CaCl ₂ + 3% Microbond (TOC @ 4,475')
	1,060	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' – 1,270'	Fresh - Gel	8.6-8.8	28-34	N/c
1,270' – 4,975'	Brine	10.0-10.2	28-34	N/c
4,975' – 9,586'	Cut Brine	8.4-9.0	28-34	N/c
9,586' – 14,988' Lateral	Oil Base	9.0-9.5	40-42	8-10

EOG respectfully requests to retain the option to drill 8-1/2" production hole in the curve and lateral.

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CONDITIONS

Action 16196

CONDITIONS OF APPROVAL

Operator:	EOG RESOURCES INC	P.O. Box 2267	Midland, TX79702	OGRID:	7377	Action Number:	16196	Action Type:	C-103A
OCD Reviewer									Condition
pkautz									None