

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

RECEIVED HOBBS OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505 FEB 01 2017		WELL API NO. 30-025-43500
5. Indicate Type of Lease STATE ☒ FEE ☐		6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Persimmon 24 State Com		8. Well Number 501H
9. OGRID Number 7377		10. Pool name or Wildcat Berry; Bone Spring, North
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, TX 79702		
4. Well Location Unit Letter I : 2367 feet from the South line and 440 feet from the East line Section 24 Township 21S Range 33E NMPM County Lea		
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3756' GR		

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: ☐	Change in 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 requests an amendment to our approved APD for this well to reflect changes in casing design and addition of a stage tool. DV tool at base of salt ~4450'.

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 Stan Wagner TITLE Regulatory Analyst DATE 1/31/17
Type or print name Stan Wagner E-mail address: _____ PHONE: 432-686-3689
For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 01/31/17
Conditions of Approval (if any): _____

Revised Permit Information 1/31/17:

Well Name: Persimmon 24 State Com No. 501H

Location:

SL: 2364' FSL & 330' FEL, Section 24, T-21-S, R-33-E, Lea Co., N.M.

BHL: 230' FSL & 330' FEL, Section 25, 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 – 1,994'	13.375"	54.5#	J55	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"	4,000'-5,200'	9.625"	40#	HCK-55	LTC	1.125	1.25	1.60
8.75"	0' – 10,600'	7.625"	29.7#	HCP-110	FlushMax III	1.125	1.25	1.60
6.75"	0' – 18,475	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
1,994'	600	13.5	1.75	Class C + 2% CaCl ₂ + 4% Gel + 0.25 pps Celloflake
	300	14.8	1.34	Class C + 2% CaCl ₂
5,200' DV Tool w/ ECP @ 4,450'	400	10.8	3.68	Stage 1 Lead: Class C + 5% Gypsum + 30 pps SFA + 0.4% CPT-503P + 3.5% CPT-45 + 0.25% CPT-35 + 0.85% CPT-20 + 0.85% Citric Acid (TOC @ Surface)
	1250	15.6	1.20	Stage 1 Tail: Class H + 0.2% CPT-51 + 0.3% CPT-20
	100	12.7	1.90	Stage 2 Lead: Class C + 3% Salt + 0.6% Gel + 0.5% CPT-45 + 0.1% CPT-20 + 0.1% Citric Acid (TOC @ Surface)
	180	14.8	1.33	Stage 2 Tail: Class C + 0.2% CPT-19
10,600'	600	12.5	1.71	Class C + 0.6% LTR + 0.5% SCA-6 + 0.6% ASM-3 + 0.15% CDF-4P + 0.13% LCL-11 + 0.13% LCF-7
	250	15.6	1.19	Class H + 0.2% ASM-3 + 0.3% SCA-6 + 0.65% LTR + 0.3% SPC-2 (TOC @ 4700')
12,500'	125	18.0	0.90	250' Btm Hole Plug - Class 'H' + 1.20% CD-31 + 0.20% R-3 + 5.00% Salt (1.252 lb/sk)
10,200' – 10,800'	300	18.0	0.90	600' Sidetrack Plug - Class 'H' + 1.20% CD-31 + 0.20% R-3 + 5.00% Salt (1.252 lb/sk)
18,475'	750	11.0	3.21	50:50 Poz:Class H + 0.4% CPT-503P + 3.0% CPT-45 + 5.0% Gypsum + 5.0% Salt + 0.15% Citric Acid + 0.15% CPT-20A + 1.0% CPT-19
	1400	14.4	1.20	50:50 Poz:Class H + 0.25% CPT-503P + 0.80% CPT-16A + 0.20% CPT-35 + 0.40% CPT-49 + 0.25% CPT-20A (TOC @ 10,100')

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 1,994'	Fresh - Gel	8.6-8.8	28-34	N/c
1,994' – 5,200'	Brine	8.8-10.0	28-34	N/c
5,200' – 10,600'	Brine	8.8-10.0	28-34	N/c
10,600' – 12,500' Pilot Hole	Brine	8.8-10.0	28-34	N/c
10,545' – 18,475' Lateral	Oil Base	9.0-9.5	58-68	N/c - 6

Persimmon 24 State Com #501H

2364' FSL
330' FEL
Section 24
T-21-S, R-33-E

Lea County, New Mexico
Proposed Wellbore
Revised 1/31/17
API: 30-025-43500

KB: 3,782'
GL: 3,757'

