

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

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

Form C-103
Revised July 18, 2013

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. 30-025-44441
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator EOG Resources, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 2267 Midland, TX 79702		7. Lease Name or Unit Agreement Name Gem 36 State Com
4. Well Location Unit Letter N : 420 feet from the South line and 2271 feet from the West line Section 36 Township 25S Range 32E NMPM County Lea		8. Well Number 706H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3369' GR		9. OGRID Number 7377
		10. Pool name or Wildcat *WC-025 G-09 S2433361; Upper Wolfcamp

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: ☐	

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 a change in the casing design as attached.

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 04/03/2018

Type or print name Stan Wagner E-mail address: _____ PHONE: 432-686-3689

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 04/03/18
Conditions of Approval (if any): _____

Revised Permit Information 4/3/18:

Well Name: Gem 36 State Com No. 706H

Location:

SL: 420' FSL & 2271' FWL, Section 36, T-25-S, R-32-E, Lea Co., N.M.

BHL: 230' FNL & 1930' FWL, Section 36, T-25-S, R-32-E, Lea Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
14.75"	0 – 810'	13.375"	54.5#	J55	STC	1.125	1.25	1.60
8.75"	0' – 11,200'	7.625"	29.7#	HCP-110	FlushMax III	1.125	1.25	1.60
6.75"	0'-17,053'	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
810'	485	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)
	310	14.8	1.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
11,200'	250	14.8	1.38	Class C + 5% Gypsum + 3% CaCl ₂ (Via Bradenhead, TOC @ Surface)
	2000	14.8	1.38	Class C + 5% Gypsum + 3% CaCl ₂ (Via Bradenhead)
	550	14.4	1.20	50:50 Class H:Poz + 0.25% CPT20A + 0.40% CPT49 + 0.20% CPT35 + 0.80% CPT16A + 0.25% CPT503P
17,053'	750	14.2	1.31	Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 10,700')

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 810'	Fresh - Gel	8.6-8.8	28-34	N/c
810' – 11,200'	Brine	8.8-10.0	28-34	N/c
11,200' – 11,765'	Oil Base	10.0-11.5	58-68	3 - 6
11,765' – 17,053' Lateral	Oil Base	10.0-11.5	58-68	3 - 6

Gem 36 State Com #706H

420' FSL
2271' FWL
Section 36
T-25-S, R-32-E

Lea County, New Mexico
Proposed Wellbore
Revised 4/3/18
API: 30-025-44441

KB: 3,394'
GL: 3,369'

Bit Size: 17-1/2"
13-3/8", 54.5#, J-55, ST&C 0' - 810'

Bit Size: 8-3/4"

7-5/8", 29.7#, HCP-110, FlushMax III
0' - 11,200'

TOC: 10,700'

KOP: 11,765'

Bit Size: 6-3/4"

Bit Size: 6-3/4"

5-1/2", 17#, HCP-110, LTC @ 0' - 17,053'

Lateral: 17,053' MD, 12,249' TVD

BH Location: 230' FNL & 1930' FWL
Section 36
T-25-S, R-32-E