Energy, Minorals and Natural Resources Revised July 18, 2013	Office	tate of New Mexico	Form C-103
Daties III. Grant 194-128 Date III. Grant 194-128 Dat	MINISTER (CITY CITY	linerals and Natural Resources	WELL API NO.
District Copy State Copy S	District II - (575) 748-1283	NSERVATION DIVISION	
Santa Fe, NM 87505 Santa Fe, NM 87505 Santa Fe, NM 87505 SUNDRY NOTICES AND REPORTS ON WELLS SWELL SUNDRY NOTICES AND REPORE	District III - (505) 334-6178	0 South St. Francis Dr.	
SUNDRY NOTICES AND REPORTS ON WELLS DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEPPEN OR PLUG BACK TO A PROPOSALS. 1. Type of Well: Oil Well Gas Well Other 2. Name of Operator	District IV - (505) 476-3460	anta Fe, NM 87505	
DON DOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEPEND OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PREMITY FORM C-101) FOR SUCH			
DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH Geff 36 State Com PROFOSALS)			7. Lease Name or Unit Agreement Name
1. Type of Well: Oil Well Gas Well Other S. Well Number 701H			Gem 36 State Com
EOG Resources, Inc. 3. Address of Operator P.O. Box 2267 Midland, TX 79702 4. Well Location Unit Letter Section 36 Township 25S Range 32E NMPM County Lea 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON CHANGE PLANS DOWNHOLE COMMINGLE CLOSED-LOOP SYSTEM DOWNHOLE COMMINGLE CLOSED-LOOP SYSTEM DOWNHOLE COMMINGLE CLOSED-LOOP SYSTEM DOWNHOLE TO THER: 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 request an amendment to our approved APD for this well to reflect a change in casing design as attached. Change surface casing from: 13-3/8" to 10-3/4", 40.5#, J55 STC @ 900' Change intermediate csg from: 9-5/8" to 7-5/8", 29.7#, HCP110 LTC @ 10600' Change prod casing from: 5-1/2" to 5-1/2", 23#, HCP110 LTC @ 10600' Change prod casing from: 5-1/2" to 5-1/2", 23#, HCP110 LTC @ 10600' Change prod casing from: 5-1/2" to 5-1/2", 23#, HCP110 LTC @ 10600' Change prod casing from: 5-1/2" to 5-1/2", 23#, HCP110 LTC @ 10600' Change prod casing from: 5-1/2" to 5-1/2", 23#, HCP110 LTC @ 10600' Change prod casing from: 5-1/2" to 5-1/2", 23#, HCP110 LTC @ 10600' Change prod casing from: 5-1/2" to 5-1/2", 23#, HCP110 LTC @ 10600' Change prod casing from: 5-1/2" to 5-1/2", 23#, HCP110 LTC @ 10600' Change prod casing from: 5-1/2" to 5-1/2", 23#, HCP110 LTC @ 10600' Change prod casing from: 5-1/2" to 5-1/2", 23#, HCP110 LTC @ 10600' Change prod casing from: 5-1/2" to 5-1/2", 23#, HCP110 LTC @ 10600' Change prod casing from: 5-1/2" to 5-1/2", 23#, HCP110 LTC @ 10600' Change prod casing from: 5-1/2" to 5		Other	8. Well Number 701H
10. Pool name or Wildcat P.O. Box 2267 Midland, TX 79702 10. Pool name or Wildcat Well Location	2. Name of Operator EOG Resources, Inc.		
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Unit Letter Section Section Sec		2	WC-025 G-09 S253236A; Upper Wolfcamp
Section 36 Township 25S Range 32E NMPM County Lea	Δ 220	, North , , , 23	0 East
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	APPROVED BY: Conditions of Approval (if any):	TITLE Peubleum Engineer	DATEDATE

Revised Permit Information 10/5/15:

Well Name: Gem 36 State Com No. 701H

Location:

SL: 220' FNL & 230' FEL, Section 36, T-25-S, R-32-E, Lea Co., N.M. BHL: 230' FSL & 330' FEL, 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 - 900	10.75"	40.5#	J55	STC	1.125	1.25	1.60
9.875"	0-10,600'	7.625"	29.7#	HCP-110	LTC	1.125	1.25	1.60
6.75"	0'-10,500'	5.5"	23#	HCP-110	JFE	1.125	1.25	1.60
6.75"	10,500' – 17,124'	5"	23.2#	P-110	JFE	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt.	Yld Ft ³ /ft	Slurry Description
900'	300	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)
	200	14.8	1.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
10,600' DV Tool w/ ECP @ 4,750'	315	10.8	3.68	Stage 1 Lead: Class C + 15.00 lbs/sk BA-90 + 4.00% MPA-5 + 3.00% SMS + 5.00% A-10 + 1.00% BA-10A + 0.80% ASA-301 + 2.90% R-21 + 8.00 lb/sk LCM-1 + 0.005 lb/sx Static Free
55	250	15.6	1.19	Stage 1 Tail: Class H + 1.0% FL-52 + 0.6% CD-32 + 0.5% SMS + 1.0% Salt + 0.3% R-3
	550	12.7	2.22	Stage 2 Lead: Class 'C' + 2.0% SMS + 10.0% Slat + 0.55% R-21 + 0.25 pps Celloflake + 0.005 pps Static Free (TOC @ Surface)
	200	14.8	1.35	Stage 2 Tail: Class 'C' + 0.60% FL-62 + 0.7% CD-32 + 0.3% SMS + 2.0% Salt + 0.10% R-3 + 0.005 pps Static Free + 0.005 gps FP-6L
17,124'	625	14.2	1.35	50:50:2 Class H + 0.65% FL-52 + 0.70% CD-32 + 1.0% EC-1 + 0.40% SMS + 2.0% Salt + 0.05% R-3 + 0.005 pps Static Free + 0.005 gps FP-6L (TOC @ 11,000')

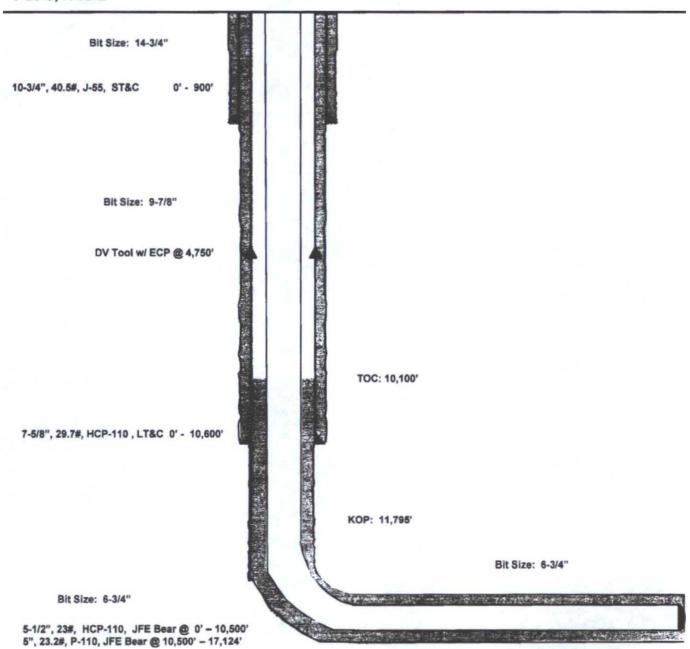
Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0-900'	Fresh - Gel	8.6-8.8	28-34	N/c
900' - 10,600'	Oil Base	8.7-9.4	58-68	N/c - 6
10,600' - 11,795'	Oil Base	8.7-9.4	58-68	N/c - 6
11,795' - 17,124' Lateral	Oil Base	9.0-9.5	58-68	N/c - 6

Gem 36 State Com #701H

220' FNL 230' FEL Section 36 T-25-S, R-32-E Lea County, New Mexico Proposed Wellbore Revised 10/5/15 API: 30-025-42780

KB: 3,457' GL: 3,432'



Lateral: 17,1249' MD, 12,370' TVD

BH Location: 230' FSL & 330' FEL Section 36 T-25-S, R-32-E