

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. 30-015-45322
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Golden Graham 1 State Com
8. Well Number 701H
9. OGRID Number 7377
10. Pool name or Wildcat Purple Sage; Wolfcamp (Gas)

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.)

NM OIL CONSERVATION
ARTESIA DISTRICT

1. Type of Well: Oil Well Gas Well Other **ARTESIA DISTRICT**

2. Name of Operator
EOG Resources, Inc. **NOV 13 2018**

3. Address of Operator
P.O. Box 2267 Midland, TX 79702 **RECEIVED**

4. Well Location
 Unit Letter **M** : **218** feet from the **South** line and **699** feet from the **West** line
 Section **1** Township **26S** Range **28E** NMPM County **Eddy**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
2940' GR

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 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: Casing Change <input checked="" type="checkbox"/>		OTHER: <input 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 Resources requests an amendment to our approved APD for this well to reflect a revised casing design as attached.

EOG requests to change the setting depth for the 13-3/8" Surface Casing to 550'. EOG has insufficient data over the subject area to determine the top of the Rustler Anhydrite based on electric logs. Therefore, the surface casing will be set at 550, approximately 100-150' deeper than the offset wells in the adjacent sections. EOG plans to obtain a gamma ray log as well as a mudlog of the surface formations to better determine the top of the Rustler for this and future wells. The surface casing will be set above any salt formations.

Please also note that we received a verbal approval from NMOCD Artesia geologist Raymond Podany on 11/9/2018 to proceed ahead with setting the surface casing at 550' instead of 911'.

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 11/13/2018
 Type or print name Stan Wagner E-mail address: _____ PHONE: 432-686-3689
For State Use Only

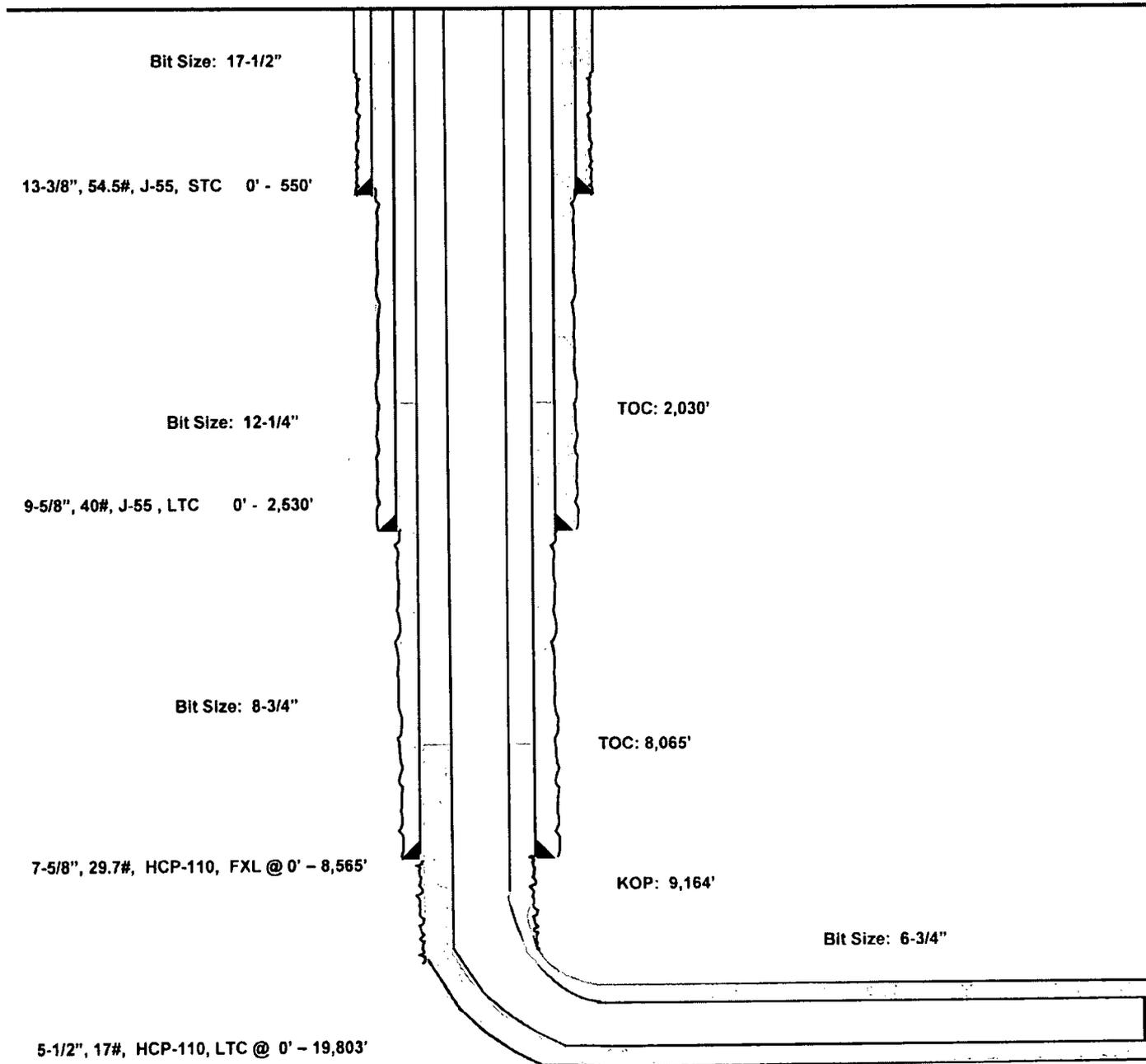
APPROVED BY: Raymond W. Podany TITLE Geologist DATE 11/13/2018
 Conditions of Approval (if any): _____

Golden Graham 1 State Com #701H
Eddy County, New Mexico

218' FSL
699' FWL
Section 1
T-26-S, R-28-E

Proposed Wellbore Design B
Revised 11/13/2018
API: 30-015-45322

KB: 2,965'
GL: 2,940'



Lateral: 19,803' MD, 9,628' TVD
BH Location: 230' FNL & 330' FWL
Section 36
T-25-S, R-28-E

Design B

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
17.5"	0' - 550'	13.375"	54.5#	J-55	STC	1.125	1.25	1.60
12.25"	0' - 2,530'	9.625"	40#	J-55	LTC	1.125	1.25	1.60
8.75"	0' - 8,565'	7.625"	29.7#	HCP-110	FXL	1.125	1.25	1.60
6.75"	0' - 19,803'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. lb/gal	Yld Ft ³ /sk	Slurry Description
550'	697	13.5	1.74	Lead: Class 'C' + 4.00% Bentonite + 2.00% CaCl ₂ (TOC @ Surface)
	333	14.8	1.35	Tail: Class 'C' + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate + 2.0% KCl (1.06 lb/sk)
2,530'	692	12.7	2.22	Lead: Class C + 0.15% C-20 + 11.63 pps Salt + 0.1% C-51 + 0.75% C-41P (TOC @ Surface)
	303	14.8	1.32	Tail: Class C + 0.13% C-20
8,565'	375	10.8	3.67	Lead: Class C + 0.40% D013 + 0.20% D046 + 0.10% D065 + 0.20% D167 (TOC @ 2,030')
	400	14.8	2.38	Tail: Class H + 94.0 pps D909 + 0.25% D065 + 0.30% D167 + 0.02% D208 + 0.15% D800
19,803'	950	14.8	1.31	Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 8,065')

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 550'	Fresh - Gel	8.6-8.8	28-34	N/c
550' - 2,530'	Brine	10.0-10.2	28-34	N/c
2,530' - 8,565'	Oil Base	8.7-9.4	58-68	N/c - 6
8,565' - 19,803' Lateral	Oil Base	10.0-11.5	58-68	3 - 6