

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., Alamogordo, NM 87410  
District IV - (505) 466-1460  
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

WELL API NO. 30-025-44072
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 319585
7. Lease Name or Unit Agreement Name DATE 14 STATE COM
8. Well Number #602H
9. OGRID Number 7377
10. Pool name or Wildcat 5535 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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator EOG Resources	
3. Address of Operator PO BOX 2267, MIDLAND, TX 79702	
4. Well Location Unit Letter <u>O</u> : <u>230</u> feet from the <u>SOUTH</u> line and <u>1370</u> feet from the <u>EAST</u> line Section <u>14</u> Township <u>21S</u> Range <u>33E</u> NMPM County <u>LEA CO NM</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3786 GL	

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"/>	CASING DESIGN <input checked="" type="checkbox"/>	OTHER: <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 an amendment to our approved APD for this well to reflect the following changes:  
Add 2nd Intermediate 7-5/8" casing string to be cemented in 2 stages to ensure cement integrity  
Change production top of cement from surface to lapping into 2nd intermediate shoe at 10,650', per R-111-P requirements

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 Emily Follis TITLE Sr. Regulatory Administrator DATE 08/19/19

Type or print name Emily Follis E-mail address: emily\_follis@eog.com PHONE: 432-848-9163

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 08/21/19

Conditions of Approval (if any):

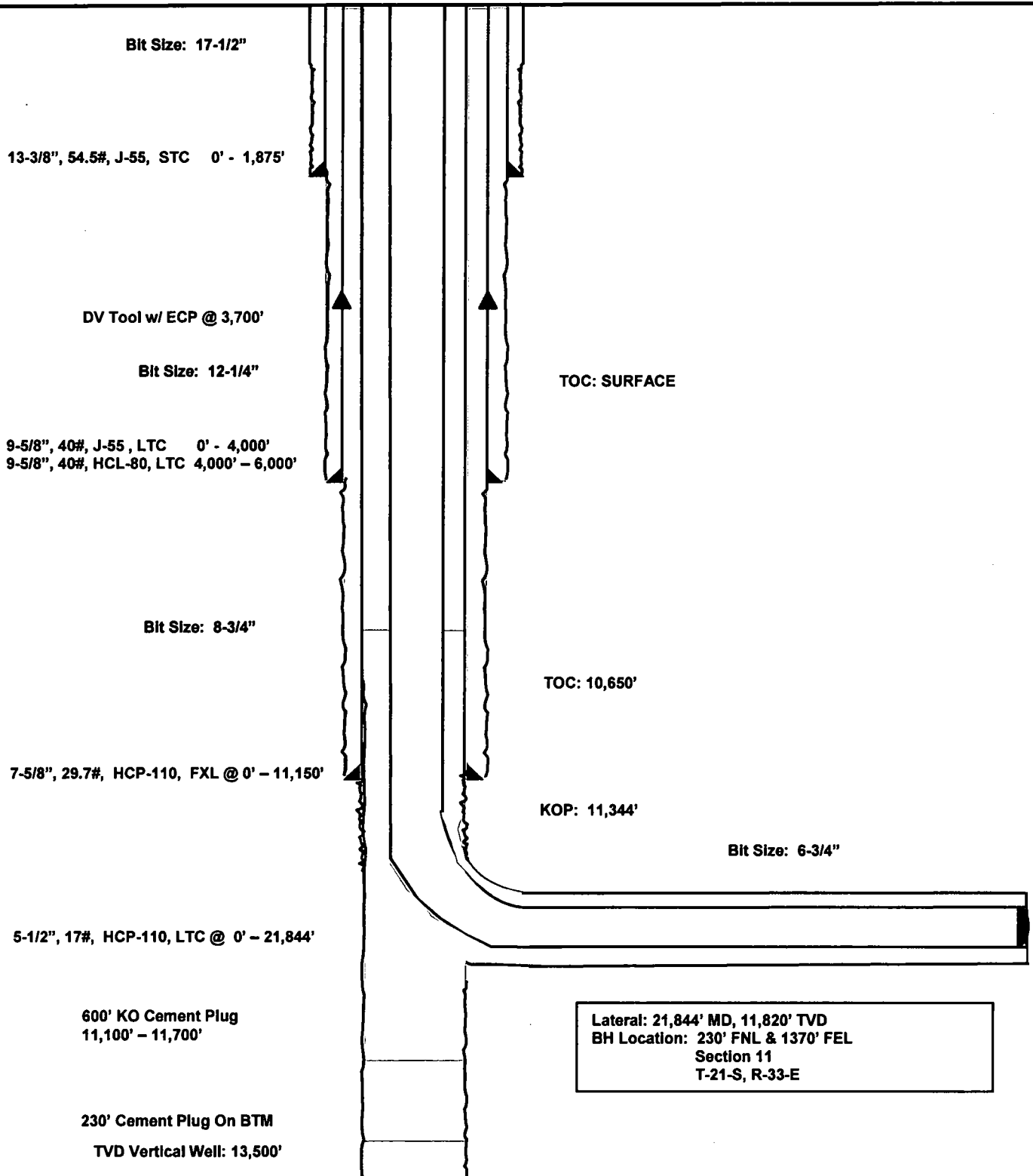
230' FSL  
1370' FEL  
Section 14  
T-21-S, R-33-E

Date 14 State Com #602H  
Lea County, New Mexico

KB: 3,811'  
GL: 3,786'

Revised Wellbore 8/19/2019

API: 30-025-44072



**EOG RESOURCES, INC.**  
**BANDIT 29 STATE COM #702H**

**Revised Permit Information 8/19/2019:**

Well Name: Date 14 State Com #602H

Location:

SL: 230' FSL & 1370' FEL, Section 14, T-21-S, R-33-E, Lea Co., N.M.

BHL: 230' FNL & 1370' FEL, Section 11, T-21-S, R-33-E, Lea Co., N.M.

**Casing Program:**

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF <sub>min</sub> Collapse	DF <sub>min</sub> Burst	DF <sub>min</sub> Tension
17.5"	0 – 1,875'	13.375"	54.5#	J55	STC	1.125	1.25	1.60
12.25"	0' – 5,000'	9.625"	40#	J55	LTC	1.125	1.25	1.60
12.25"	5,000' – 6,000'	9.625"	40#	HCK55	LTC	1.125	1.25	1.60
8.75"	0'–21,844'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60

**Cement Program:**

Depth	No. Sacks	Wt. ppg	Yld Ft <sup>3</sup> /ft	Slurry Description
1,875' 13-3/8"	775	13.5	1.73	Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl <sub>2</sub> + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	300	14.8	1.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
6,000' DV Tool w/ ECP @ 3,700' 9-5/8"	700	12.7	2.22	Stage 1 Lead: Class 'C' + 1.50% R-3 + 0.25 lb/sk Cello-Flake + 2.0% Sodium Metasilicate + 10% Salt + 0.005 lb/sk Static Free (TOC @ Surface)
	200	14.8	1.32	Stage 1 Tail: Class 'C' + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
	700	12.7	2.22	Stage 2 Lead: Class 'C' + 1.50% R-3 + 0.25 lb/sk Cello-Flake + 2.0% Sodium Metasilicate + 10% Salt + 0.005 lb/sk Static Free (TOC @ Surface)
	200	14.8	1.32	Stage 2 Tail: Class 'C' + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
11,150' 7-5/8"	600	14.2	1.11	1 <sup>st</sup> Stage (Tail): Class C + 5% Salt + (TOC @ 7,100')
	1,000	12.7	2.30	2 <sup>nd</sup> Stage (Bradenhead squeeze): Class C + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (TOC @ surface)
13,500'	110	17.8	0.91	230' Btm Hole Plug - Class 'H' + 1.20% CD-31 + 0.20% R-3 + 5.00% Salt (1.252 lb/sk)
11,100' – 11,700'	350	17.8	0.91	600' Sidetrack Plug - Class 'H' + 1.20% CD-31 + 0.20% R-3 + 5.00% Salt (1.252 lb/sk)
21,844' 5-1/2"	1200	14.2	1.31	Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 10,650')

EOG requests to pump a two stage cement job on the 7-5/8" intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brushy Canyon and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface. If necessary, a top out consisting of 1,000 sacks of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (2.30 yld, 12.91 ppg) will be executed.

**EOG RESOURCES, INC.**  
**BANDIT 29 STATE COM #702H**

**Mud Program:**

<b>Depth</b>	<b>Type</b>	<b>Weight (ppg)</b>	<b>Viscosity</b>	<b>Water Loss</b>
0 – 1,875'	Fresh - Gel	8.6-8.8	28-34	N/c
1,875' – 6,000'	Brine	10.0-10.2	28-34	N/c
6,000' – 11,150'	Oil Base	8.7-9.4	58-68	N/c - 6
11,150' – 13,500' Pilot Hole	Oil Base	9.4-11.5	58-68	3 - 6
11,344' – 21,844' Lateral	Oil Base	10.0-11.5	58-68	3 - 6