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

WELL API NO. 30-015-02022

5. Indicate Type of Lease STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: STATE G

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number 1

2. Name of Operator: EOG Y RESOURCES INC

9. OGRID Number 25575

3. Address of Operator: PO BOX 2267 MIDLAND, TX 79702

10. Pool name or Wildcat: ARTESIA; QUEEN-GRAYBURG-SAN ANDRES

4. Well Location
Unit Letter L : 1570 feet from the SOUTH line and 250 feet from the WEST line
Section 23 Township 18S Range 28E NMPM County EDDY

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3545' 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:	☐			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 proposes to plug this well using the attached procedure. Current and proposed wellbores are also attached.

Notify OCD 24 hrs. prior to any work done.

RECEIVED

DEC 04 2018

DISTRICT II-ARTESIA O.C.D.

Spud Date: 1/15/1950 Rig Release Date:

*See Attached COA's Must be Plugged by 12-5-18

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kay Maddox TITLE Regulatory Analyst DATE 12/03/2018

Type or print name Kay Maddox E-mail address: kay_maddox@eogresources.com PHONE: 432-686-3658

For State Use Only

APPROVED BY: TITLE Staff Mgr DATE 12-5-18

Conditions of Approval (if any):

eog resources

30-015-02022	State G #1	L-23-18S-28E
EOGY	3218 GL, 3228 KB, 10 Zero	1570 FSL, 250 FWL
WI	Working Interest	
NRI	Net Revenue Interest	
Taxes	Taxes	6.00%

Workover Procedure AFE # 110864

5.00" Casing set to 2,514, circulated to surface with 50sx of cement

Perforations: Open Hole from 2529 to 2545, plugged back with sand to 2550

Executive Summary:
P&A Well, single string

Workover Procedure:

1. MIRU, NDWH, NUBOP
2. RIH with tubing work string, tag existing PBTD of 2550 CIBP @ 2500'
3. Set a balanced plug from 2550 to 2450 with 50 sacks of Class C cement — WOC & TAG
4. Tag first plug, POOH with tubing
5. RIH with perforating gun, perforate at 1825 to 1800
6. Squeeze a balanced plug from 1850 to 1750 with 50 sacks of Class C Cement
7. Tag second plug, PUH — Perf @ 150' & Attempt to Circ To Surf
8. Pump 25 sacks of Class C cement from 150 to 0, WOC
9. Tag third plug
10. Confirm final plug, NDBOP, make final cut of production
11. Install dry hole marker
12. RDMO P&A rig, turn site over to reclamation team

Production Engineer: _____ **Date:** 11/29/2018
Alan Covington

State G #1

API 30-015-02022
I-23-18S-28E
250 FWL, 1570 FSL
Eddy Country

eog resources
energy opportunity growth

	SPUD		FRR
DRILLING	3/5/1950		
LAST REVISED	11/29/2018		ACE
WI	75.0000%	NRI	63.2800%

Tops

Queen
1812

San Andres
2535

Hole

5" 14# J-55

Producing Open Hole
2529 to 2545

Open Hole Plugged Back w/ Sand

TD: 2514, CMT 50SX to surface

Well Plugged Back with Sand to 2550

TMD: 2875

TUBING DETAIL (KB = 18')

ITEM	Length	Bottom Setting Depth
27 5 1/2" 17# J-55 (LD 2 joints)	1,186.11	1,112.11
142 5 1/2" 15.5# J-55	6,388.49	7,500.60
13 5 1/2" 17# J-55	583.55	8,084.15
Float Collar	1.00	8,085.15
Float Shoe	45.00	8,130.15

Tubular Dimensions	Burst	Collapse	ID	Drift	bbl/ft
13-3/8" 48# H-40 STC	1730	770	12.715	12.559	
8-5/8" 28# K-55 LTC	3930	2530	7.921		
8-5/8" 32# K-55 BTC	3390	1880	8.017	7.921	
5-1/2" 17# K-55 LTC	5320	4910	4.892	4.767	
2-7/8" 6.5 J55 EUE	7260	7680	2.441	2.347	

State G #1
API 30-015-02022
I-23-18S-28E
250 FWL, 1570 FSL
Eddy Country

eog resources
energy opportunity growth

	SPUD		FRR
DRILLING	3/5/1950		
LAST REVISED	11/29/2018		ACE
WI	75.0000%	NRI	63.2800%

Tops		Hole	
	Balanced Plug from 150 to Surface, 25sx Class C		
	Pts @ 150'		
Queen 1812	Perf and Squeeze 1850 to 1750, 50sx Class C		
	CIBP @ 2500'		
	Balanced Plug from 2550 to 2450, 50sx Class C		
	5" 14# J-55 TD: 2514, CMT 50SX to surface		
San Andres 2535	Producing Open Hole 2529 to 2545 Well Plugged Back with Sand to 2550		
	Open Hole Plugged Back w/ Sand TMD: 2875		

TUBING DETAIL (KB = 18')

ITEM	Length	Bottom Setting Depth
27 5 1/2" 17# J-55 (LD 2 joints)	1,186.11	1,112.11
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5-1/2" 17# K-55 LTC	5320	4910	4.892	4.767	
2-7/8" 6.5 J55 EUE	7260	7680	2.441	2.347	

In the event of an accident/safety incident involving EOG employees or contract personnel contact:			
Name	**Title**	**Cell**	**Office**
Brian Chandler	Safety Manager	817-239-0251	817-806-0486
Ashley Mayfield	Sr. Safety Rep	432-258-7998	432-686-3662
In the event of a spill or environmental release contact:			
Name	**Title**	**Cell**	**Office**
Zane Kurtz	Sr. Environmental Rep	432-425-2023	432-686-3667
Jamon Hohensee	Environmental Rep	432-556-8074	
Doug Lowrie	Environmental Manager	432-425-6923	432-686-3755
Production Department Contacts:			
Name	**Title**	**Cell**	**Office**
Mario Arevalo	NM Prod. Superintendent	940-231-8118	575-738-0397
Aaron Bishop	Production Foreman	575-703-6527	
Junior Orquiz	Sr. Production Foreman	575-703-5071	
Joe Palma	Production Foreman	575-365-5562	
Alan Covington	Sr. Production Engineer	432-214-3519	432-686-9101
Eric Burkholder	Lead Production Engineer	817-374-3321	432-686-3682
Brice Letcher	Sr. Production Engineer	575-748-5021	432-686-6965
James Keeton	Sr. Production Engineer	940-391-6856	432-686-3635
Joey Damiano	Sr. Production Engineer	817-739-8042	432-686-3675
Ron Willett	Production Advisor	432-230-2135	432-686-3775
Randy Lewellen	Production Superintendent	682-478-8879	432-686-3710
Completions Department Contacts:			
Name	**Title**	**Cell**	**Office**
Alex Richter	Completions Engineer Advisor	432-634-9148	432-686-3638
Tom Redd	Completions Engineer Advisor	303-854-8605	432-686-3674
Police/Fire/Hospital Contacts			
Fire			911
Sheriff (Eddy County)			575-887-7551
Sheriff (Lea County)			575-396-3611
Hospital – Carlsbad Medical Center (Carlsbad, NM)			575-887-4100
Hospital – Lea Regional Medical Center (Hobbs, NM)			575-492-5000
Hospital – Nor-Lea General Hospital (Lovington, NM)			575-396-6611
Hospital – Winkler County Memorial Hospital (Kermit, TX)			432-586-5864

CONDITIONS FOR PLUGGING AND ABANDONMENT

District II / Artesia N.M.

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, **Notify NMOCD District Office II at (575)-748-1283 at least 24 hours before beginning work.**

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If the well is not plugged within 1
7. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
8. **Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.**
9. Produced water **will not** be used during any part of the plugging operation.
10. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
11. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
12. **Class 'C' cement will be used above 7500 feet.**
13. **Class 'H' cement will be used below 7500 feet.**
14. **A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged**
15. **All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing**

16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. **A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag**.
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, **(WOC 4 hrs and tag).**
19. No more than **3000' is allowed between cement plugs in cased hole and 2000' in open hole.**
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
    A) Fusselman
    B) Devonian
    C) Morrow
    D) Wolfcamp
    E) Bone Springs
    F) Delaware
    G) Any salt sections
    H) Abo
    I) Glorieta
    J) Yates.
    K) **Potash---** (In the R-111-P Area (Potash Mine Area), a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, **WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.**
21. **If cement does not exist behind casing strings at recommended formation depths,** the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing

DRY HOLE MARKER REQUIRMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name 2. Lease and Well Number 3.API Number 4. Unit Letter 5. Quarter Section (feet from the North, South, East or West) 6. Section, Township and Range 7. Plugging Date 8. County (SPECIAL CASES)-------AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)