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. 30-015-31624
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: CHEYENNE
1. Type of Well: Oil Well ☒ Gas Well ☐ Other
8. Well Number 1
2. Name of Operator: EOG RESOURCES INC
9. OGRID Number 7377
3. Address of Operator: PO BOX 2267 MIDLAND, TX 79702
10. Pool name or Wildcat: CARLSBAD; MORROW, EAST (GAS)
4. Well Location
Unit Letter P : 660 feet from the SOUTH line and 660 feet from the EAST line
Section 24 Township 21S Range 27E NMPM County EDDY
11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3149' 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 PLANS TO P&A THIS WELL USING THE ATTACHED PROCEDURE. CURRENT AND PROPOSED WELLBORE SCHEMATICS ARE ATTACHED.

Notify OCD 24 hrs. prior to any work done.

RECEIVED
FEB 22 2019
DISTRICT II-ARTESIA O.C.D.

ENTERED by 2-22-19

Spud Date: 03/27/2001 Rig Release Date:

*See Attached COA's Must be Plugged by 2/22/20 emailed Kay MD

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 02/20/2019

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

For State Use Only

APPROVED BY: [signature] TITLE Staff Mgr DATE 2/22/19

Conditions of Approval (if any):

eog resources

Cheyenne #1
660' FSL & 660' FEL
Sec. 24-21S-27E
Eddy County, New Mexico
API # 30-015-31624

P&A Procedure
AFE # 108963

Executive Summary:
Pull production equipment, P&A well, cut off wellhead, install dry hole marker and clean location.

TD: 12,074' **PBTD:** 12,029' **GL:** 3,149' **KB:** 3,145'

Surface Casing: 13 ⅜" 48# at 479'. Cemented with 425 sx. Cement circulated.
Intermediate Casing: 9 ⅝" 36# at 2,510'. Cemented with 1950 sx. Cement circulated.
Production Casing: 5 ½" 17# at 12,074'. Cemented with 2295 sx. TOC at 4,734' per CBL.

P&A Procedure:

1. Notify Regulatory Agency 24 hours prior to commencing work. MIRU well service unit and all necessary safety equipment.
2. ND WH, NU BOP, release 10K Arrow Set packer at 9,721' and TOH laying down 2⅜" production string.
3. WL set 5.5" CIBP at 11,500'. POOH w/ WL.
4. TIH, tag CIBP, circulate plugging mud & spot 25 sx class H cement on top of CIBP.
5. Pick up, spot a 25 sx class H cement plug from 9,075' – 8,885'.
6. Pick up, spot a 25 sx class C cement plug from 5,600' – 5,450'.
7. RIH w/ WL & perf @ ~~2,627~~'. POOH w/ WL. Perf @ 2560'
8. TIH, set PKR @ 2,440' & SQZ 60 sx class C cement to cover 9-5/8" shoe. Release PKR; WOC & Tag.
9. RIH w/ WL & perf @ 530'. POOH w/ WL.
10. Spot 165 sx class C cement across 13-3/8" shoe to surface.
11. Cut off WH 3' below surface; Verify cement to surface.
12. Weld on P&A marker. Cut off anchors 3' below surface and clean location.

Production Engineer: _____ **Date:**_____
Brice A. Letcher, P.E.

Well Name:	Cheyenne #1
Location:	660' FSL & 660' FEL Sec. 24-21S-27E
County:	Eddy, NM
Lat/Long:	32.4603539,-104.1364899 NAD83
API #:	30-015-31624
Spud Date:	3/27/01
Compl. Date:	6/25/01

eog resource

Proposed Wellbore Diagram:

KB: 3,145'
GL: 3,149'

17-1/2" Hole

13-3/8" 48# J-55 @ 479'
Cmt w/ 425 sx (circ)

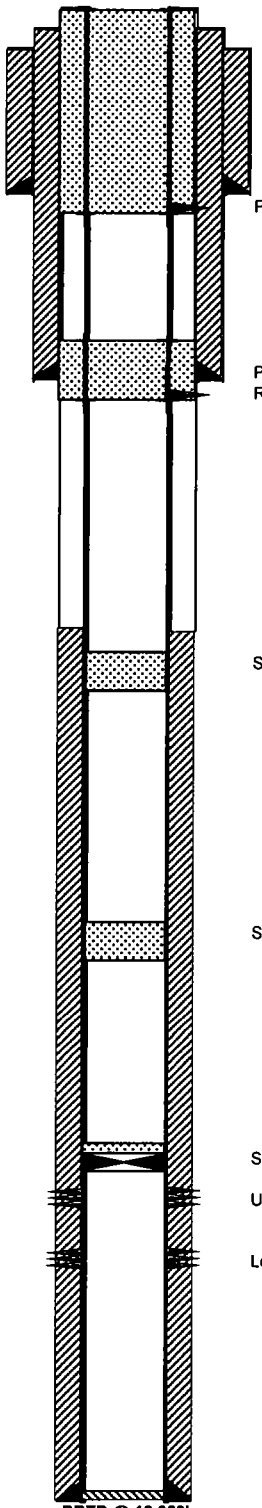
12-1/4" Hole

9-5/8" 36# J-55 @ 2,510'
Cmt w/ 1,950 sx (circ)

8-3/4" Hole

TOC @ 4,734' by CBL

5-1/2" 17# L-80 & P-110 @ 12,074'
Cmt 1st stage w/ 625 sx (circ)
Cmt 2nd stage w/ 1670 sx



Perf & SQZ @ 530' w/ 165 sx class C cmt to surface

Perf & SQZ @ 2,625' w/ 60 sx class C cmt through PKR @ 2,440'
Release PKR; WOC & Tag

Spot 25 sx class C cmt plug @ 5,600-5,450'

Spot 25 sx class H cmt plug @ 9,075-8,885'

Set CIBP w/ 25 sx class H cmt @ 11,500'

Upper Morrow perfs: 11,536'-11,548'

Lower Morrow perfs: 11,682'-11,692'

PBTD @ 12,029'
TD @ 12,074'

Formation Tops

Base of Salt	653
Capitan	1,159
Delaware	2,577
Bone Spring	5,551
Wolfcamp	9,025
Penn	10,087
Strawn	10,270
Atoka	10,698
Morrow	11,212
Morrow Clastics	11,406

Not to Scale
By: BAL 10/29/18

Well Name:	Cheyenne #1
Location:	660' FSL & 660' FEL Sec. 24-21S-27E
County:	Eddy, NM
Lat/Long:	32.4603539,-104.1364899 NAD83
API #:	30-015-31624
Spud Date:	3/27/01
Compl. Date:	6/25/01

eog resources

Current Wellbore Diagram:

KB: 3,145'
GL: 3,149'

17-1/2" Hole

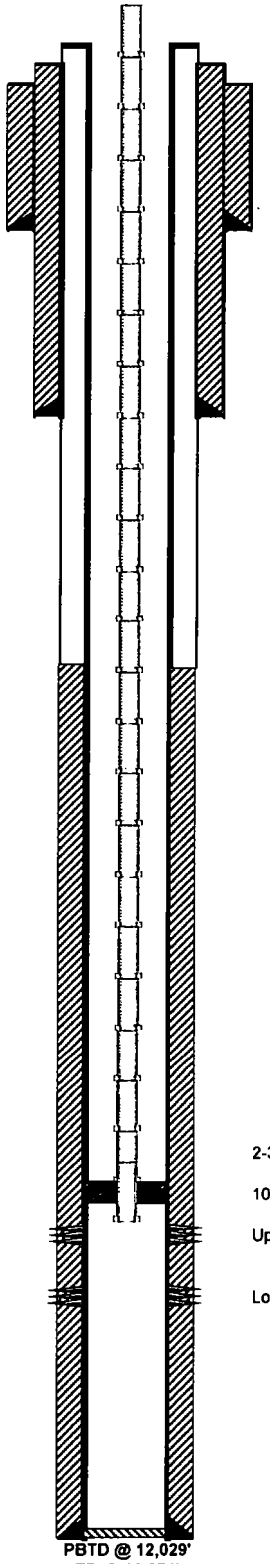
13-3/8" 48# J-55 @ 479'
Cmt w/ 425 sx (circ)

12-1/4" Hole

9-5/8" 36# J-55 @ 2,510'
Cmt w/ 1,950 sx (circ)

8-3/4" Hole

TOC @ 4,734' by CBL



2-3/8" tbg

10k Arrow Set Packer @ 9,721'

Upper Morrow perfs: 11,536'-11,548'

Lower Morrow perfs: 11,682'-11,692'

5-1/2" 17# L-80 & P-110 @ 12,074'
Cmt 1st stage w/ 625 sx (circ)
Cmt 2nd stage w/ 1670 sx

PBTD @ 12,029'
TD @ 12,074'

Formation Tops	
Base of Salt	653
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Morrow	11,212
Morrow Clastics	11,406

Not to Scale
By: BAL 10/29/18

Emergency Contact Information

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	
Brice Letcher	Sr. Production Engineer	575-748-5021	432-686-6965
Eric Burkholder	Lead Production Engineer	817-374-3321	432-686-3682
James Keeton	Production Engineer II	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)