

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.
30-025-36886
5. Indicate Type of Lease
STATE [X] FEE [ ]
6. State Oil & Gas Lease No.
VA-2112

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 [ ] Gas Well [X] Other
2. Name of Operator
EOG Resources, Inc.
3. Address of Operator
104 South Fourth Street, Artesia, NM 88210
4. Well Location
Unit Letter O : 660 feet from the South line and 1980 feet from the East line
Section 26 Township 10S Range 34E NMPM Lea County
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4171'GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK [ ] PLUG AND ABANDON [X]
TEMPORARILY ABANDON [ ] CHANGE PLANS [ ]
PULL OR ALTER CASING [ ] MULTIPLE COMPL [ ]
DOWNHOLE COMMINGLE [ ]
CLOSED-LOOP SYSTEM [ ]
OTHER: [ ]

SUBSEQUENT REPORT OF:

REMEDIAL WORK [ ] ALTERING CASING [ ]
COMMENCE DRILLING OPNS. [ ] P AND A [ ]
CASING/CEMENT JOB [ ]
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 Resources, Inc. plans to plug and abandon this well as follows:

- 1. MIRU all safety equipment as needed. NU BOP. POOH with production equipment.
2. RIH and tag existing RBP at 12,040'. Dump bail 35' cement on top of existing RBP to 12,005'. This will cover Morrow perfs and top.
3. Set a CIBP at 11,812'. Pressure test. Spot 35 sx Class "H" cement on top of CIBP to 11,497'. WOC and tag. This will cover Atoka perfs and top.
4. Spot a 25 sx Class "H" cement plug from 9214'-8989'. This will cover Wolfcamp top.
5. Spot a 25 sx Class "H" cement plug from 7880'-7655'. This will cover Abo top.
6. Spot a 25 sx Class "C" cement plug from 5626'-5376'. This will cover Glorieta top.
7. Perforate at 4324'. Attempt injection rate. Spot a 25 sx Class "C" cement plug from 4324'-4074'. WOC and tag. This will cover casing shoe.
8. Perforate at 3750'. Attempt injection rate. Spot a 32 sx Class "C" cement plug from 3750'-3610'. WOC and tag. This will cover TOC.
9. Perforate at 2903'. Attempt injection rate. Spot a 40 sx Class "C" cement plug from 2903'-2773'. WOC and tag. This will cover Yates top.
10. Perforate at 473'. Attempt injection rate. Squeeze with 145 sx Class "C" cement from 473' and circulate up to surface. Back fill as needed.
11. Cut off wellhead and install dry hole marker. Clean location as per regulated.

Wellbore schematics attached

SEE ATTACHED CONDITIONS OF APPROVAL

Note changes to procedure

Spud Date:

[Empty box for Spud Date]

Rig Release Date:

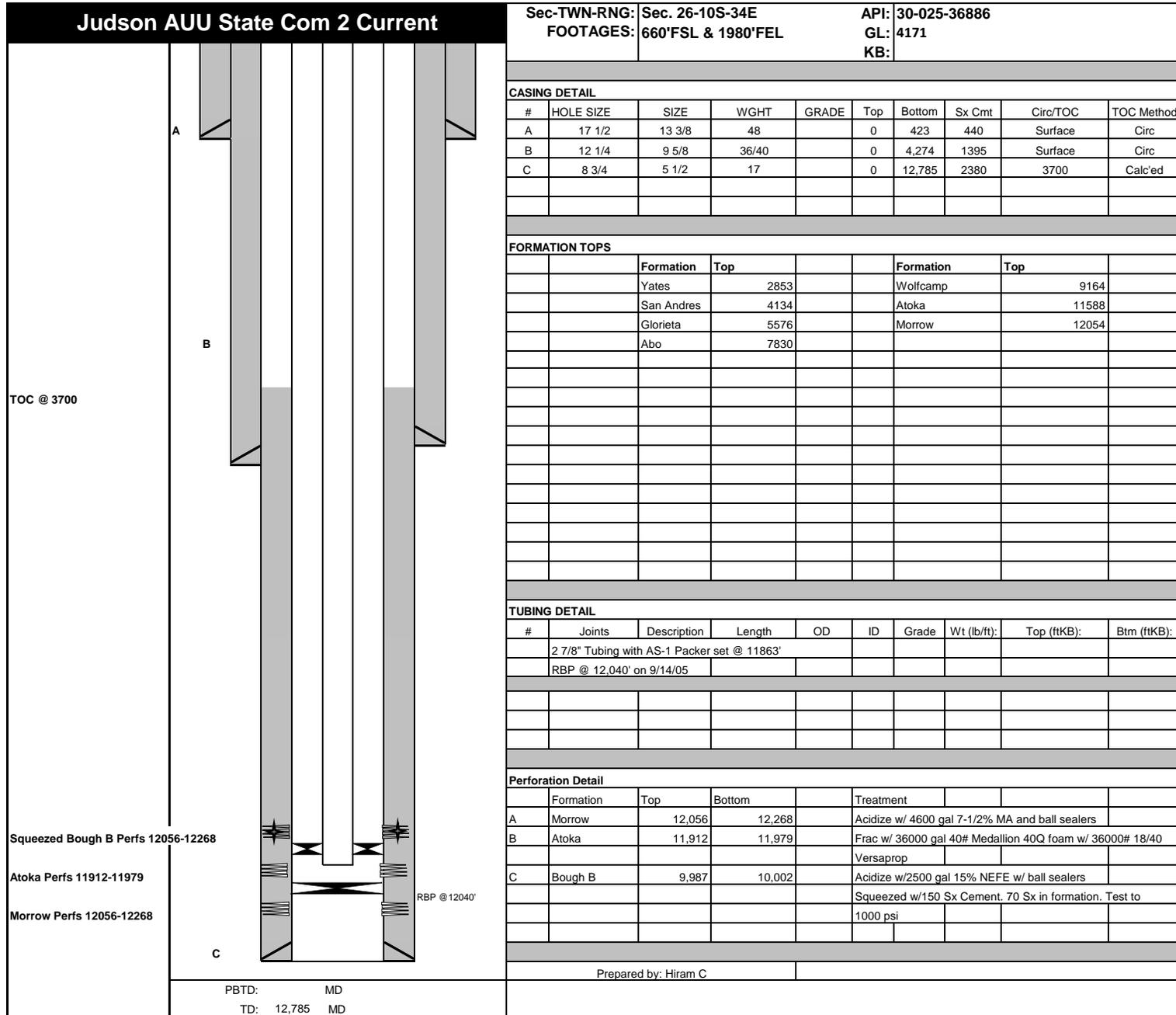
LPC Area Below ground marker send pics before backfilling hole

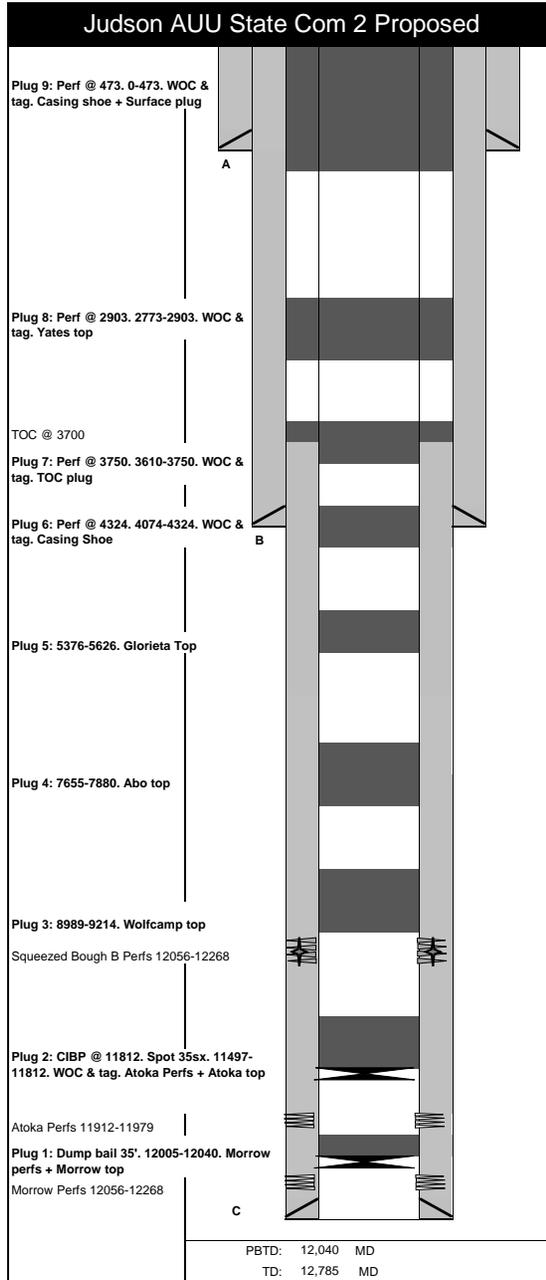
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Tina Huerta TITLE Regulatory Specialist DATE January 2, 2022

Type or print name Tina Huerta E-mail address: tina.huerta@eogresources.com PHONE: 575-748-4168
For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 1/25/22
Conditions of Approval (if any) 575-263-6633





<b>Sec-TWN-RNG:</b>		<b>Sec. 26-10S-34E</b>		<b>API: 30-025-36886</b>					
<b>FOOTAGES:</b>		<b>660'FSL &amp; 1980'FEL</b>		<b>GL: 4171</b>					
				<b>KB:</b>					
<b>CASING DETAIL</b>									
#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC Method
A	17 1/2	13 3/8	48		0	423	440	Surface	Circ
B	12 1/4	9 5/8	36/40		0	4,274	1395	Surface	Circ
C	8 3/4	5 1/2	17		0	12,785	2380	3700	Calc'ed
<b>FORMATION TOPS</b>									
	Formation	Top		Formation	Top				
	Yates	2853		Wolfcamp	9164				
	San Andres	4134		Atoka	11588				
	Glorieta	5576		Morrow	12054				
	Abo	7830							
<b>Perforation Detail</b>									
	Formation	Top	Bottom	Treatment					
A	Morrow	12,056	12,268	Acidize w/ 4600 gal 7-1/2% MA and ball sealers					
B	Atoka	11,912	11,979	Frac w/ 36000 gal 40# Medallion 40Q foam w/ 36000# 18/40					
				Versaprop					
C	Bough B	9,987	10,002	Acidize w/2500 gal 15% NEFE w/ ball sealers					
				Squeezed w/150 Sx Cement, 70 Sx in formation, Test to 1000 psi					
<b>PLUGS</b>									
#	sx	Class	Top	Bottom	Δ	Notes	Tag		
1	4	H	12005	12040	35	Tag existing RBP, Dump ball 35' cement on top of existing RBP @ 12040, Morrow perfs + Morrow top	N		
2	35	H	11497	11812	315	CIBP, Pressure test, Spot 35sx, WOC & tag, Atoka Perfs + Atoka top	Y		
3	25	H	8989	9214	225	Spot 25sx, Wolfcamp Top	N		
4	25	H	7655	7880	225	Spot 25sx, Abo Top	N		
5	25	C	5376	5626	250	Spot 25sx, Glorieta Top	N		
6	25	C	4074	4324	250	Perf @ 4324, Attempt Inj, Spot 25sx, Casing Shoe	Y		
7	32	C	3610	3750	140	Perf @ 3750, Attempt Inj, Spot 32sx, WOC & tag, TOC Plug	Y		
8	40	C	2773	2903	130	Perf @ 2903, Attempt Inj, Sqz 40sx, WOC & tag, Yates Top	Y		
9	145	C	0	473	490	Perf @ 473, Attempt Inj, Sqz 145sx, WOC & tag, Casing Shoe + Surface plug	Y		
Prepared by: Hiram C 10/14/21									
PBTD: 12,040 MD									
TD: 12,785 MD									

**CONDITIONS OF APPROVAL  
FOR PLUGGING AND ABANDONMENT  
OCD - Southern District**

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 I (Hobbs) at **(575)-263-6633** at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down.

**Company representative will be on location during plugging procedures.**

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. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
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 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.
7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
8. Produced water will not be used during any part of the plugging operation.
9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
10. 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.
11. Class 'C' cement will be used above 7500 feet.
12. Class 'H' cement will be used below 7500 feet.
13. 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
14. 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 REQUIREMENTS**

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)

### **SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION**

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
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**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
 Action 69826

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 69826
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

**CONDITIONS**

Created By	Condition	Condition Date
kfortner	See attached conditions of approval Note changes to procedure	1/25/2022