

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. 30-015-26184
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Parish IV Com
8. Well Number 3
9. OGRID Number 7377
10. Pool name or Wildcat North Dagger Draw U/Penn

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, Inc.	
3. Address of Operator 104 South Fourth Street, Artesia, NM 88210	
4. Well Location Unit Letter <u>F</u> : <u>1980</u> feet from the <u>North</u> line and <u>1980</u> feet from the <u>West</u> line Section <u>25</u> Township <u>19S</u> Range <u>24E</u> NMPM <u>Eddy</u> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3626' 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 checked="" 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: <input 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.

1. POOH w/ production equipment
2. Make GR and JB run to 7,640'
3. RIH w/ WL and set 7" CIBP. Spot a 35sx Class "H" Cement plug on top of CIBP at 7,440' - 7,620'. WOC and tag. This will place a plug over perfs and Canyon top
4. Spot a 42sx Class "C" cmt plug at 5,300'-5,550'. WOC and tag. This will place a plug across the DV tool and Wolfcamp top
5. Spot a 25sx Class "C" cmt plug at 3,920'-4,070'. This will place a plug across the Abo top
6. Spot a 25sx Class "C" cmt plug at 1,820'-1,970'. This will place a plug across the Glorieta top
7. RIH w/ WL and perforate at 1,370'. Attempt to establish injection rate. Spot/Squeeze a 25sx Class "C" cmt plug at 1,220'-1,370'. WOC and tag. This will place a plug across the 9 5/8 CSG shoe
8. Spot a 25 sx Class "C" cmt plug at 400'-550'. This will place a plug across the San Andres top
9. RIH w/ WL and perforate at 150'. Attempt to establish circulation up the 7" by 9 5/8" annulus
10. If circulation is established: Circulate an in/out cmt plug at 150'-Surface
11. If circulation is not established: Spot a 35sx cmt plug at 200'-Surface
12. Cut off wellhead and weld on DHM per COA. Clean location as per regulation.

**Notify OCD 24 hrs . prior to
any work done.**

RECEIVED

MAY 24 2019

Spud Date:

Rig Release Date:

DISTRICT II-ARTESIA O.C.D.

* See Attached COAs Must be Plugged by 5/29/20

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

SIGNATURE Jeremy Haass TITLE Regulatory Specialist DATE February 7, 2019

Type or print name Jeremy Haass E-mail address: jeremy_haass@eogresources.com PHONE: 575-748-4311

For State Use Only

APPROVED BY: [Signature] TITLE Staff mg. DATE 5/29/19
Conditions of Approval (if any):

Parish IV Com #3

Sec-TWN-RNG: 25-19S-24E
 FOOTAGES: 900' FNL & 1980' FWL

API: 30-015-26184
 GL: 3626
 KB:

COMMENTS

A

B

PBTD: 7,930 MD
 TD: 7,930 MD

DV tool @ 5497'

Canyon Perfs: 7673-7823

CASING DETAIL

#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC by
A	14 3/4	9 5/8	36	J-55	0	1,315	1100	Circ	
B	8 3/4	7	26 & 23	N-80&J-55	0	7,930	1575	Circ	
7" CSG Detail from bottom to top									
	28 jls	24 jls	121 jls	12 jls		3 jls			
	7" 26# N-80	7" 23# N-80	7" 23# J-55	7" 23# N-80		7" 26# N-80			

FORMATION TOPS

FORMATION	TOP								
San Andres	490								
Glorieta	1922								
Yeso	1980								
Abo	4028								
Wolfcamp	5367								
Canyon Lime	7544								

Perforation Detail

Formation	Top	Bottom	Treatment	Notes
Canyon	7673	7823	16500 gal 20% NEFE	25000 gal 20% NEFE

TBG Detail

#	Joint	Description	Length	OD	ID	Grade	Wt(lb/ft)	Top (ftKB)	Btm (ftKB)
232		TBG	7548	2 7/8		J-55		0	7548
1		TBG Anchor	3	2 7/8				7548	7551
9		TBG	293	2 7/8		J-55		7551	7844
1		SN	1	2 7/8				7844	7846
1		Perf Sub	4	2 7/8				7846	7850
1		TBG	33	2 7/8		J-55		7850	7882
1		Bull Plug	1	2 7/8				7882	7883

Rod Detail

#	Description	Length	OD	ID	Grade	Wt(lb/ft)	Top (ftKB)	Btm (ftKB)
	Polish rod							
67	Rods Norris D	1675	1					
85	Rods Norris D	2125	7/8					
160	Rods Norris D	4000	3/4					
1	25-125-RHBC-24-4	24	3/4					

ADDITIONAL DETAIL

DV tool set @ 5497'								
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Prepared by: JDE

5/21/2019

Parish IV Com #3

COMMENTS

Plug #7: Surface Plug

Plug #6: SA Top

Plug #5: 9 5/8 CSG Shoe

Plug #4: Glorieta Top

Plug #3: Abo Top

Plug #2: DV tool & WC Top

DV tool @ 5497'

Plug #1: Perfs & Canyon Top

Cayon Perfs: 7673-7823

A

B

PBTD: 7,930 MD

TD: 7,930 MD

Sec-TWN-RNG: 25-19S-24E

FOOTAGES: 900' FNL & 1980' FWL

API: 30-015-26184

GL: 3626

KB:

CASING DETAIL

#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC by
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7" CSG Detail from bottom to top									
	28 jts	24 jts	121 jts	12 jts		3 jts			
	7" 26# N-80	7" 23# N-80	7" 23# J-55	7" 23# N-80		7" 26# N-80			

FORMATION TOPS

FORMATION	TOP	FORMATION	TOP
San Andres	490		
Glorieta	1922		
Yeso	1980		
Abo	4028		
Wolfcamp	5367		
Canyon Lime	7544		

Perforation Detail

Formation	Top	Bottom	Treatment	Notes
Canyon	7673	7823	16500 gal 20% NEFE	25000 gal 20% NEFE

Plugs

#	SX	CMT CLASS	TOP	BTM	DESCRIPTION
1	35	C	7440	7620	CIBP w/ 35sx. Perfs & Canyon Top. WOC & tag
2	42	C	5300	5550	DV tool and Wolfcamp top. WOC & tag
3	25	C	3920	4070	Abo top
4	25	C	1820	1970	Glorieta top
5	25	C	1220	1370	9 5/8 CSG Shoe. Perf @ 1370 & attempt inj. WOC & tag
6	25	C	400	550	SA top
7	35	C	0	200	Surface plug, perf @ 150' & attempt to est. circ. if circ est. circulate in/out plug from 150-surface

ADDITIONAL DETAIL

DV tool set @ 5497'					
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Prepared by: JOE

5/21/2019

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 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)