

Well Name: FRISBEE BIF FEDERAL COM	Well Location: T13S / R27E / SEC 33 / SESE /	County or Parish/State: CHAVES / NM
Well Number: 1H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM96205	Unit or CA Name: FRISBEE BIF FEDERAL COM	Unit or CA Number: NMNM114028
US Well Number: 300056381000S1	Well Status: Producing Gas Well	Operator: EOG RESOURCES INCORPORATED

Accepted for record – NMOCD gc 6/18/2021

Notice of Intent

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 06/10/2021

Time Sundry Submitted: 04:33

Date proposed operation will begin: 07/05/2021

Procedure Description: Please see attached. Thank you.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Frisbee_BIF_Federal_Com_1H_6_10_21_20210610163240.pdf

Conditions of Approval

Specialist Review

General_Conditions_of_Approval_20210611080502.pdf

Conditions_of_Approval_20210611080435.pdf

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County or Parish/State: CHAVES / NM

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US Well Number: 300056381000S1

Well Status: Producing Gas Well

Operator: EOG RESOURCES INCORPORATED

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: TINA HUERTA

Signed on: JUN 10, 2021 04:32 PM

Name: EOG RESOURCES INCORPORATED

Title: Regulatory Specialist

Street Address: 104 SOUTH FOURTH STREET

City: Artesia

State: NM

Phone: (575) 748-4168

Email address: tina_huerta@eogresources.com

Field Representative

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JENNIFER SANCHEZ

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5756270237

BLM POC Email Address: j1sanchez@blm.gov

Disposition: Approved

Disposition Date: 06/11/2021

Signature: Jennifer Sanchez

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. Set a CIBP at 5900 ft with 25 sx Class C on top to 5511 ft. WOC and tag. This will cover Wolfcamp perms and casing shoe.
3. Spot a 25 sx Class C cement plug from 4149 ft – 3771 ft. This will cover Tubb top.
4. Perforate at 2800 ft. Spot a 59 sx Class C cement plug from 2800 ft – 2378 ft. WOC and tag. This will cover TOC, Yeso and Glorieta tops.
5. Perforate at 1586 ft. Spot a 25 sx Class C cement plug from 1586 ft – 1414 ft. WOC and tag. This will cover casing shoe.
6. Perforate at 1269 ft. Spot a 25 sx Class C cement plug from 1269 ft – 1097 ft. WOC and tag. This will cover San Andres top.
7. Perforate at 976 ft. Spot a 25 sx Class C cement plug from 976 ft – 804 ft. WOC and tag. This will cover Grayburg top.
8. Perforate at 756 ft. Spot a 25 sx Class C cement plug from 756 ft – 584 ft. WOC and tag. This will cover Penrose top.
9. Perforate at 617 ft. Spot a 35 sx Class C cement plug from 617 ft – 380 ft. WOC and tag. This will cover Queen top and surface casing shoe.
10. Perforate at 172 ft. Spot a 25 sx Class C cement plug from 172 ft up to surface. WOC and tag. Back fill as needed.
11. Cut off wellhead and install dry hole marker. Clean location as per regulated.

Wellbore schematics attached

Frisbee BIF Federal Com 1H Current

Sec-TWN-RNG: **Sec. 33-13S-27E** API: **30-005-63810**
 FOOTAGES: SHL 660'FSL & 660'FEL GL: **3475**
 BHL 660'FNL & 778'FEL KB: **3490**

CASING DETAIL

#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC Method
A	17 1/2	13 3/8	48	H-40	0	430	520	Circ	
B	12 1/4	9 5/8	36	H-40	0	1,500	700	Circ	
C	8 3/4	7	26	J-55	0	5,805	750	Circ	
D	6 3/4	4 1/2	11.6,13.5	P-110	0	9,550	305	2750	CBL

FORMATION TOPS

Formation	Top	Formation	Top
Queen	567	Strawn	6958
Penrose	670	Atoka	7124
Grayburg	890	Chester	7224
San Andres	1183	Mississippian	7268
Glorieta	2428		
Yeso	2543		
Tubb	3960		
Abo	4755		
Wolfcamp	5724		
Cisco	6198		
Canyon	6814		

TUBING DETAIL

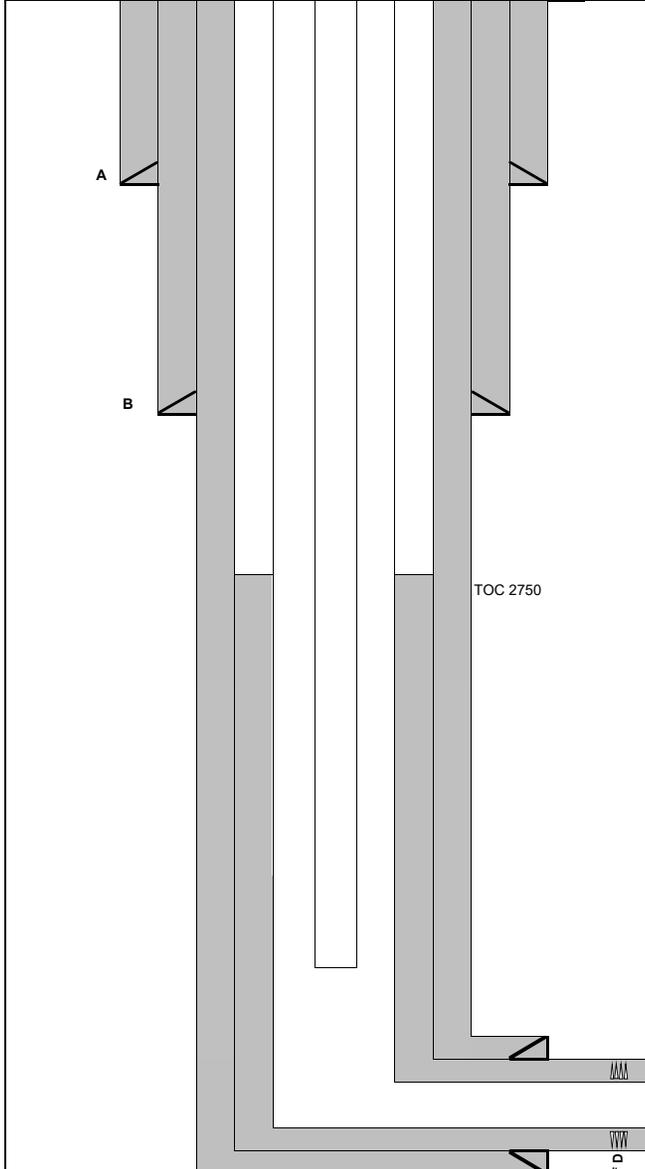
#	Joints	Description	Length	OD	ID	Grade	Wt (lb/ft)	Top (ftKB)	Btm (ftKB)
		2 3/8 tubing						5,245	

TD Vertical Hole 7360, KOP at 5265

Plugs in Vertical hole at 7074-7174 (51 sx), 6353-6453 (71 sx), 5624-5724 (50 sx), 5050-5400 (290 sx), Tagged cement at 5000

Perforation Detail

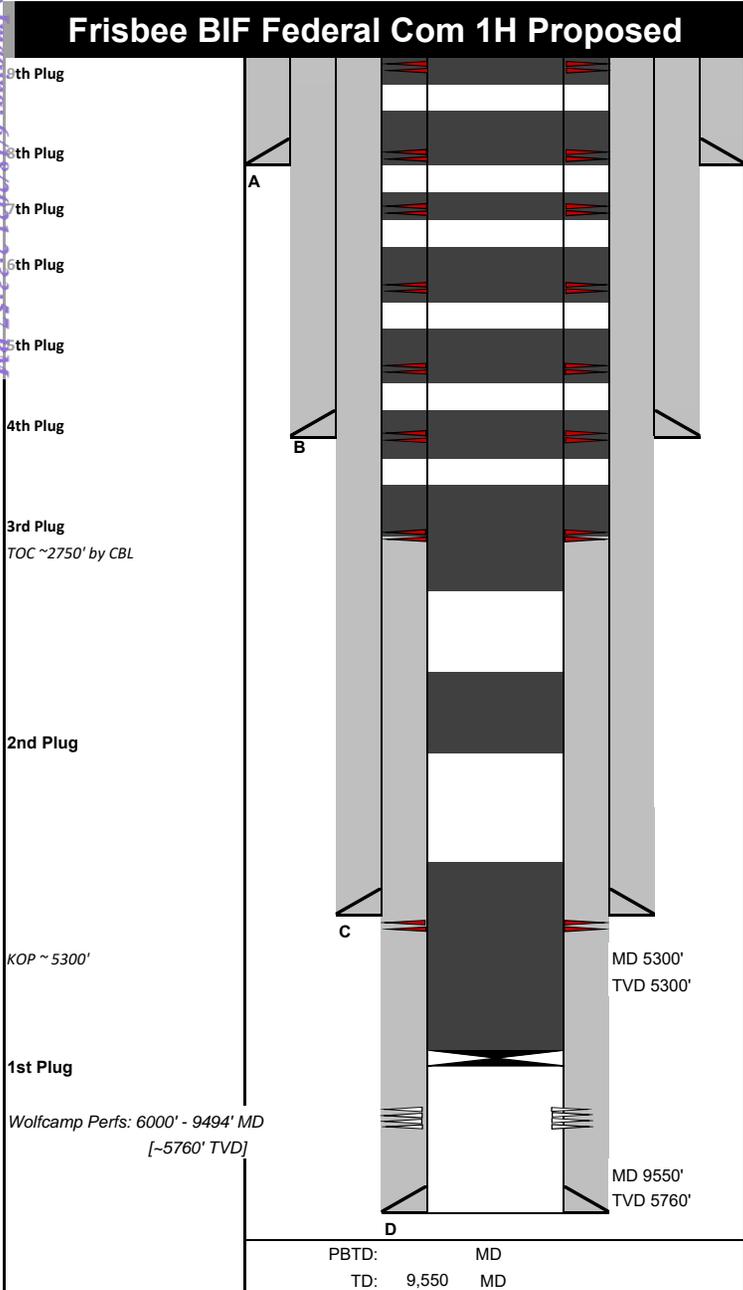
Formation	Top	Bottom	Treatment
A Mississippian	8,890	9,494	Acidize w/10,000g 15% IC acid
B Mississippian	7,950	8,494	Frac w/337,000g FE-28 10Q CO2 foam, 145,000# 20/40 and 40/70 Brady sand w/10,000# 100 mesh Acidize w/5000g 15% IC acid
C Atoka-Mississippian	7,100	7,654	Frac w/338,800g FE-28 10Q CO2 foam, 145,000# 20/40 and 40/70 Brady sand w/10,000# 100 mesh Acidize w/5000g 15% IC acid
D Wolfcamp-Cisco	6,000	6,652	Frac w/337,333g FE-28 10Q CO2 foam w/5000# 100 mesh, 105,000# 40/70 Brady sand and 35,000# 20/40 Brady sand Acidize w/5000g 15% IC acid



PBTD: 9,506 MD
 TD: 9,550 MD

Perf D Perf C Perf B Perf A

Prepared by: TH



Sec-TWN-RNG: Sec. 33-13S-27E
FOOTAGES: SHL 660'FSL & 660'FEL
 BHL 660'FNL & 778'FEL

API: 30-005-63810
GL: 3475
KB: 3490

CASING DETAIL									
#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC Method
A	17 1/2	13 3/8	48	H-40	0	430	520	Circ	
B	12 1/4	9 5/8	36	J-55	0	1,500	700	Circ	
C	8 3/4	7	26	J-55	0	5,805	750	Circ	
D	6 3/4	4 1/2	11.6,13.5	P-110	0	9,550	305	2750	CBL

FORMATION TOPS (TVD)						
	Formation	Top	Formation	Top	Formation	Top
	Queen	567	Yeso	2543	Canyon	6814
	Penrose	670	Tubb	3960	Strawn	6958
	Grayburg	890	Abo	4755	Atoka	7124
	San Andres	1183	Wolfcamp	5724	Chester	7224
	Glorieta	2428	Cisco	6198	Mississippian	7268

TUBING DETAIL									
#	Joints	Description	Length	OD	ID	Grade	Wt (lb/ft):	Top (ftKB):	Btm (ftKB):
		2 3/8 tubing						5,245	

PLUGS							
#	SX	Class	Top	Bottom	Δ	Notes	Tag
1	25	C	5511	5900	389	Wolfcamp Perfs [In curve - 76° Inclination] + Int. Csg. Shoe	Y
2	25	C	3771	4149	378	Tubb Top	N
3	59	C	2378	2800	422	TOC, Yeso Top & Glorieta Top	Y
4	25	C	1414	1586	172	Int. Csg. Shoe	Y
5	25	C	1097	1269	172	San Andres Top	Y
6	25	C	804	976	172	Grayburg Top	Y
7	25	C	584	756	172	Penrose Top	Y
8	35	C	380	617	237	Queen Top & Sur. Csg. Shoe	Y
9	25	C	0	172	172	Surface Plug	Y

PERFORATION DETAIL								
	Formation	Top	Bottom		Formation	Top	Bottom	
	Wolfcamp	6,000	9,494					

ADDITIONAL DETAIL
 1st Plug inclination begins at 5900' [- 76°] and ends at 5511 [- 27°]

PBTD: MD
 TD: 9,550 MD

Prepared by: KJP

**Frisbee BIF Federal Com 1H
30-005-63810
EOG Resources Incorporated
June 11, 2021
Conditions of Approval**

1. Operator shall place CIBP at 5,900' (50'-100' above top most perf) and places 25 sx of Class C cement on top. WOC and TAG. Tag must be a minimum of 5,650'.
2. Operator shall place a balanced Class C cement plug from 4,825'-4,675' to seal the top of the Abo as proposed.
3. Operator shall perf and squeeze at 2,800'. Operator shall place a balanced Class C cement plug from 2,800'-2,350' to seal the Glorietta as proposed. WOC and TAG.
4. Operator shall perf and squeeze at 1,550'. Operator shall place a balanced Class C cement plug from 1,550' to 1,450' seal the 9-5/8" casing shoe. WOC and TAG.
5. Operator shall perf and squeeze at 1,269'. Operator shall place a balanced Class C cement plug from 1,269'-1,097' as proposed. WOC and TAG.
6. Operator shall perf and squeeze at 976'. Operator shall place a balanced Class C cement plug from 976'-804' as proposed. WOC and TAG.
7. Operator shall perf and squeeze at 756'. Operator shall place a balanced Class C cement plug from 756'-584' as proposed. WOC and TAG.
8. Operator shall perf and squeeze at 480'. Operator shall place a balanced Class C cement plug from 480'-380' to seal the 13-3/8" shoe. WOC and TAG.
9. Operator shall perf and squeeze at 250'. Operator shall place a balanced Class C cement plug from 250'-surface to seal the Yates Formation. WOC and TAG.
10. See Attached for general plugging stipulations.

JAM 06112021

BUREAU OF LAND MANAGEMENT
Roswell Field Office
2909 W. Second Street
Roswell, New Mexico 88201
575-627-0272

General Requirements for Plug Backs

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from this approval.

If you are unable to plug back the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. Call 575-627-0205.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement.

Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either **Neat Class "C"**, for up to 7,500 feet of depth or **Neat Class "H"**, for deeper than 7,500 feet plugs.

6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date work was completed.**

7. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

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 31809

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 31809
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	6/18/2021