

Well Name: HICKORY ALV FED	Well Location: T22S / R24E / SEC 18 / SENE /	County or Parish/State: EDDY / NM
Well Number: 5	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM78215	Unit or CA Name:	Unit or CA Number:
US Well Number: 300152806000X1	Well Status: Abandoned	Operator: EOG RESOURCES INCORPORATED

Accepted for record – NMOCD gc 8/27/2021

Subsequent Report

Type of Submission: Subsequent Report **Type of Action:** Plug and Abandonment

Date Sundry Submitted: 08/11/2021 **Time Sundry Submitted:** 03:49

Date Operation Actually Began: 07/28/2021

Actual Procedure: Please see attached. Thank you.

SR Attachments

Actual Procedure

Hickory_ALV_Federal_5_8_11_21_20210811154859.pdf

Well Name: HICKORY ALV FED

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Type of Well: CONVENTIONAL GAS WELL

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Lease Number: NMNM78215

Unit or CA Name:

Unit or CA Number:

US Well Number: 300152806000X1

Well Status: Abandoned

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: AUG 11, 2021 03:49 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: JAMES A AMOS

BLM POC Title: Acting Assistant Field Manager

BLM POC Phone: 5752345927

BLM POC Email Address: jamos@blm.gov

Disposition: Accepted

Disposition Date: 08/12/2021

Signature: James A. Amos

Hickory ALV Federal 5 – Sub P&A

7/28/21 – MIRU and NU BOP. Set a CIBP at 9902 ft.

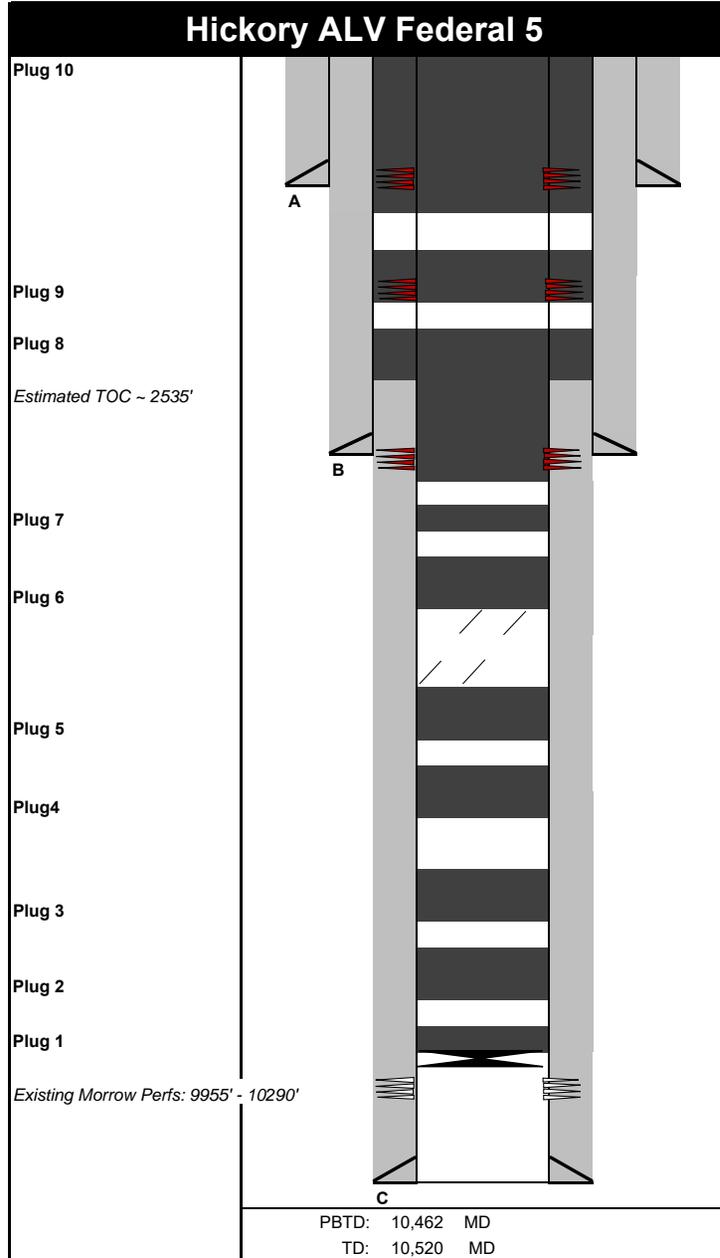
7/30/21 – Attempted to load and test CIBP and casing after pumping 35 bbls. Well did not load. Tagged top of CIBP at 9922 ft. Plug fell 20 ft. Loaded casing with an additional 20 bbls and attempted to test casing pressuring up to 500 psi. Well bled off to 0 psi after 20 min. Gabriel Beneway with BLM-Carlsbad approved variance allowing CIBP depth of 9922 ft. and added 15 sx to cap plug (40 sx total). Pressure will be performed again after successful tag. Pumped 40 sx Class H cement on top of CIBP to 9560 ft.

8/2/21 – Tagged TOC 9718 ft, good tag. Tested casing to 500 psi successfully. Pumped a 25 sx Class H cement plug from 9498 ft – 9273 ft. Pumped a 25 sx Class H cement plug from 9079 ft – 8856 ft.

8/3/21 – Got stuck and ran in to free point, Jim Amos with Carlsbad-BLM allowed to cut above the free point at 7500 ft and pump a 25 sx cement plug and resume operations as per COA's. Circulated 150 bbls to recondition wellbore. Pumped a 25 sx Class H cement plug from 8322 ft – 8096 ft. Pumped a 25 sx Class H cement plug from 7599 ft – 7312 ft, tagged. Good tag and approved by Gabriel Beneway with BLM-Carlsbad.

8/4/21 – Pumped a 25 sx Class C cement plug from 4349 ft - 4125 ft calc TOC. Pumped a 25 sx Class C cement plug from 3341 ft – 3117 ft calc TOC. Perforated at 2760 ft. Loaded and established injection rate to 600 psi with no returns. Pumped a 90 sx Class C cement plug from 2760 ft - 2458 ft, tagged. Perforated at 1213 ft. Established injection rate after perf broke back from 1200 psi back to 0 psi. Squeezed with 28 sx Class C cement from 1213 ft - 1098 ft, tagged. Perforated at 407 ft. Squeezed with 140 sx Class C cement from 407 ft and circulated up to surface.

8/6/21 - Cut off wellhead. Installed dry hole marker as per BLM. Cover cellar and cut off anchors. **WELL IS PLUGGED AND ABANDONED.**



Sec-TWN-RNG: Sec. 18-22S-24E API: 30-015-28060
 FOOTAGES: 1650' FNL & 660' FEL GL: 4330
 KB:

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	355	550	Surface	Ready-Mix
B	12 1/4	8 5/8	24	K-55	0	2,710	1380	Surface	Ready-Mix/1"
C	7 7/8	5 1/2	17	N80	0	10,520	850	2535	0% Excess Calculation

FORMATION TOPS									
	Formation	Top		Formation	Top		Formation	Top	
	San Andres	1157		Strawn	8970				
	Glorieta	2608		Atoka	9385				
	Bone Springs	3209		Morrow	9910				
	Wolfcamp	7473							
	Canyon	8209							

TUBING DETAIL									
#	Joints	Description	Length	OD	ID	Grade	Wt (lb/ft):	Top (ftKB):	Btm (ftKB):
		2-7/8" Tubing and packer						9,911	

PLUGS						
#	SX	Class	Top	Bottom	Tag	Note
1	40	H	9718	9922	Y	
2	25	H	9273	9498	N	
3	25	H	8856	9079	N	
4	25	H	8096	8322	N	
5	25	H	7312	7599	Y	
6	25	C	4125	4349	N	
7	25	C	3117	3341	N	
8	90	C	2458	2760	Y	Perforated
9	28	C	1098	1213	Y	Perforated
10	140	C	0	407	N	Perforated

PERFORATION DETAIL									
	Formation	Top	Bottom						
	Morrow	9,955	10,290						

ADDITIONAL DETAIL

Prepared by: KJP

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 43671

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 43671
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	8/27/2021