

Well Name: LUKE BAV FEDERAL COM	Well Location: T21S / R22E / SEC 3 / NWSE /	County or Parish/State: EDDY / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM102890	Unit or CA Name:	Unit or CA Number:
US Well Number: 300153194700X2	Well Status: Abandoned	Operator: EOG RESOURCES INCORPORATED

Accepted for record – NMOCD gc 12/8/2021

Subsequent Report

Sundry ID: 2646223

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 11/30/2021	Time Sundry Submitted: 11:34
Date Operation Actually Began: 08/23/2021	

Actual Procedure: Please see attached subsequent P&A. Thank you.

SR Attachments

Actual Procedure

Luke_BAV_Federal_Com_1_11_30_21_20211130113427.pdf

Received by OCD: 12/6/2021 10:34:33 AM

Page 2 of 5

Well Name: LUKE BAY FEDERAL COM	Well Location: T21S / R22E / SEC 3 / NWSE /	County or Parish/State: EDDY / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM102890	Unit or CA Name:	Unit or CA Number:
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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: NOV 30, 2021 11:34 AM
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: 12/02/2021
Signature: James A. Amos	

Luke BAV Federal Com 1 – Sub P&A
30-015-31947
J-3-21S-22E

8/23/21 - MIRU and NU BOP. TIH and tagged at 8880'. On 8-23-21 at 10:00 AM Jim Amos with BLM-Carlsbad gave permission to omit plug 1 for the Chester top and cap the existing bridge plug which was tagged at 8880' with 25 sx cement, tagged. This will cover the existing Morrow perms and Atoka top. Plugging can then commence per COA's. Rig down.

11/5/21 – MIRU and NU BOP to start plugging well. Spotted 30 sx Class H cement from 8880'-8684', tagged.

11/8/21 – Spotted an additional 45 sx Class H cement from 8684'-8225', tagged. Low tag 125'. Talked to Rami Abdelhadi with BLM-Carlsbad and he wants to pump another 25 sx cement. Spotted an additional 25 sx Class H cement from 8225'-7864', tagged.

11/9/21 – Set a CIBP at 7799'. Tested to 500 psi for 15 min, good. Spotted 25 sx Class H cement on top of CIBP to 7462' calc TOC. No tag required.

11/10/21 – Spotted a 25 sx Class C cement plug from 6455'-6077' estimated TOC. No tag required. Spotted a 25 sx Class C cement plug from 5125'-4748' calc TOC. No tag required. Perforated at 4382'. Pressure tested to 500 psi for 15 min, good. Spotted a 35 sx Class C cement plug from 4432'-3932', tagged. Rami Abdelhadi with BLM-Carlsbad was ok with tag.

11/11/21 – Spotted a 25 sx Class C cement plug from 3861'-3484' estimated TOC. No tag required. Spotted a 25 sx Class C cement plug from 3331'-2953' estimated TOC. No tag required. Perforated at 1571'. Pressure tested to 500 psi for 15 min. Let Rami Abdelhadi with BLM-Carlsbad know. Will drop down 50' below perms and spot 35 sx cement. Spotted a 35 sx Class C cement plug from 1621'-1120', tagged. Rami Abdelhadi with BLM-Carlsbad was good with tag.

11/12/21 – Perforated at 900'. Rami Abdelhadi with BLM-Carlsbad asked to drop down 50'. Spotted 75 sx Class C cement from 950' and circulated up to surface. Rami Abdelhadi with BLM-Carlsbad verified cement to surface by picture.

11/16/21 - Cut off wellhead. Installed above ground dry hole marker as per BLM. Cover cellar and cut off anchors.
WELL IS PLUGGED AND ABANDONED.

Luke BAV Federal Com 1

Plug 11
TOC at 900' by CBL

Plug 10

Plug 9

Plug 8
BOC at sqz. Perfs at 3940'
Sqz. With 800 sx. Class C neat cmt

TOC ~4300' per NMOCD Estimate

Plug 7

Plug 6

Plug 5

Plug 4

Plug 3

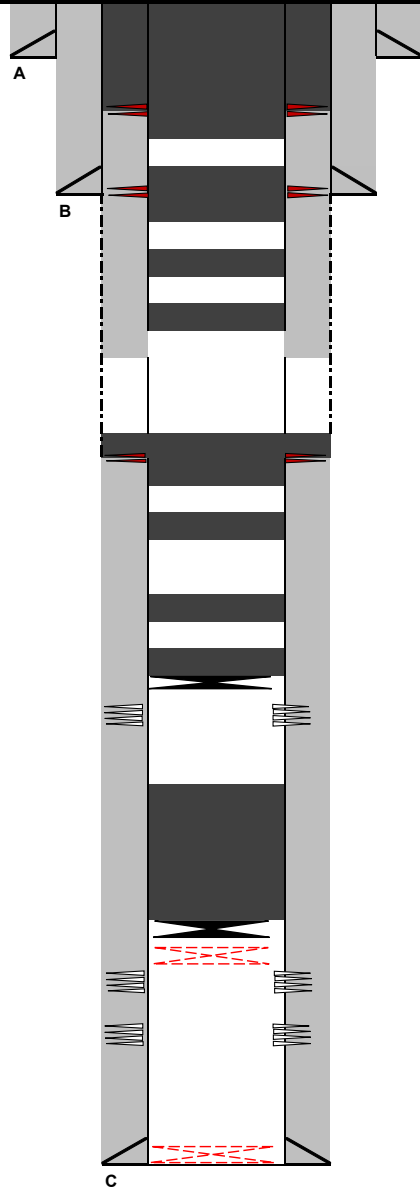
Plug 2

Plug 1
Existing CIBP at 8900' w/ no cmt
Existing Morrow Perfs: 8966' - 8974'

Existing Morrow Perfs: 9073' - 9083'

CIBP Remnant at 9358'

PBTD: 9,358 MD
TD: 9,400 MD



Sec-TWN-RNG: Sec. 03-21S-22E
FOOTAGES: 1980' FNL & 1905' FEL

API: 30-015-31947
GL: 4206
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	357	400	Circ	
B	12 1/4	8 5/8	24	J-55		1,402	1285	Circ	
C	7 7/8	4 1/2	11.6	P-110		9,400	990	4300	NMOCD Est.
							800	900' - 3940'	CBL

FORMATION TOPS

	Formation	Top		Formation	Top		Formation	Top	
	Tubbs	3142		Strawn	8271				
	Abo	3811		Atoka	8673				
	Wolfcamp	4936		Morrow	8948				
	Cisco	6266		Chester	9203				
	Canyon	7324							

TUBING DETAIL

#	Joints	Description	Length	OD	ID	Grade	Wt (lb/ft):	Top (ftKB):	Btm (ftKB):
		2-3/8" Tubing and packer						7,847	

PLUGS

#	SX	Class	Top	Bottom	Tag	Notes	
1	30	H	8684	8880	Y	Cement on top of existing CIBP	
2	45	H	8225	8684	Y		
3	25	H	7864	8225	Y		
4	25	H	7462	7799	N	CIBP	
5	25	C	6077	6455	N		
6	25	C	4748	5125	N		
7	35	C	3932	4432	Y	Perforated	
8	25	C	3484	3861	N		
9	25	C	2953	3331	N		
10	35	C	1120	1621	Y	Perforated	
11	75	C	0	950	N	Perforated	

PERFORATION DETAIL

	Formation	Top	Bottom		Formation	Top	Bottom		
	Morrow	9,073	9,083		Canyon	7,849	7,863		
	Morrow	8,966	8,974						

ADDITIONAL DETAIL

Existing CIBP with no cement cap at 8900' needs to be removed for P&A

Partial CIBP [mill remnant] pushed to TD at 9358' does not need to be removed for P&A

12/6/21

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 65087

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 65087
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	12/8/2021