

Well Name: LONG ARROYO MQ FEDERAL COM	Well Location: T14S / R27E / SEC 25 / SENW /	County or Parish/State: CHAVES / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM19181	Unit or CA Name: LONG ARROYO MQ FEDERAL CO	Unit or CA Number: NMNM72094
US Well Number: 300056066600S1	Well Status: Abandoned	Operator: EOG RESOURCES INCORPORATED

Accepted for record – NMOCD gc 11/16/2021

Subsequent Report

Sundry ID: 2643289

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 11/07/2021	Time Sundry Submitted: 04:32
Date Operation Actually Began: 09/29/2021	

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

SR Attachments

Actual Procedure

Long_Arroyo_MQ_Federal_Com_1_11_7_21_20211107163237.pdf

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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 07, 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: Accepted	Disposition Date: 11/08/2021
Signature: Jennifer Sanchez	

Long Arroyo MQ Federal Com 1 – Sub P&A
30-005-60666
F-25-14S-27E

9/29/21 - MIRU and NU BOP. RIH with GR/JB to 8130'. Set a CIBP at 8120' with 8 sx Class H cement on top to 8020', tagged. Set a CIBP at 7951' with 25 sx Class H cement on top to 7757', tagged.

9/30/21 - Spotted a 30 sx Class H cement plug from 7643'-7314' calc TOC.

10/1/21 – Spotted a 30 sx Class C cement plug from 7012'-6656' calc TOC. Determined a hole above 4962'.

Perforated squeeze holes at 6180'. Attempted to establish injection rate through perms, unsuccessful. Pressured up to 600 psi, held. Contacted Kevin Bussell with BLM-Roswell and dropped down 50' and spot across. Spotted a 25 sx Class C cement plug from 6237'-5815', tagged.

10/4/21 – Perforated squeeze holes at 5046'. Established injection rate. Squeezed with 40 sx Class C cement from 5046'-4787', tagged.


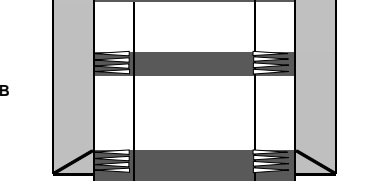
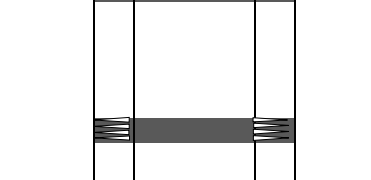
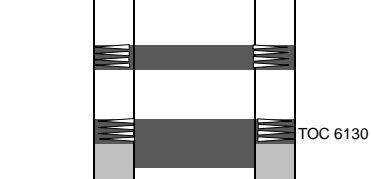
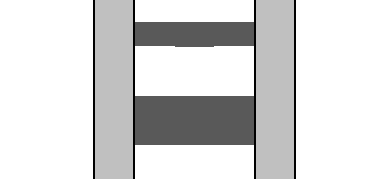
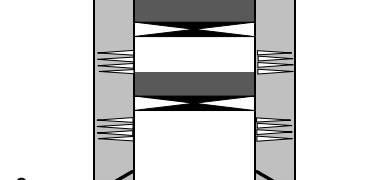
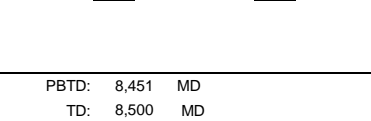
10/5/21 – Perforated squeezed holes at 2000'. Circulated 20 bbls brine. Spotted a 35 sx Class C cement plug from 2000'-1800', tagged. Pumped 15 bbls brine. Perforated squeezed holes at 1654'. Squeezed with 30 sx Class C cement from 1654'-1542', tagged.

10/6/21 – Perforated squeeze holes at 1180'. Squeezed with 30 sx Class C cement from 1180'-1050', tagged.

Perforated squeezed holes at 351'.

10/7/21 – Squeezed with 176 sx Class C cement from 321' and circulated up to surface. Topped off with cement.

10/22/21 - Cut off wellhead. Installed dry hole marker as per BLM. Cover cellar and cut off anchors. **WELL IS PLUGGED AND ABANDONED.**

Long Arroyo MQ Federal Com 1				Sec-TWN-RNG: 25-14S-27E		API: 30-005-60666							
				FOOTAGES: 1650'FNL & 1650'FWL		GL: 3460							
						KB:							
Plug 10	A			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	271	425	Circ	
				B	12 1/4	8 5/8	24	K-55	0	1,604	840	Circ	
				C	7 7/8	4 1/2	10.5, 11.6	K-55	0	8,500	650	6130	Temp Survey
Plug 9	B			FORMATION TOPS									
					Formation	Top			Formation	Top			
					San Andres	1130							
					Abo	4996							
					Wolfcamp	6110							
					Cisco	6942							
					L Canyon	7402							
					Strawn	7593							
					Atoka	7990							
					Morrow	8096							
	Mississippian	8297											
Plug 8				PERFORATION DETAIL									
					Formation	Top	Bottom		Treatment				
				A	Morrow	8,140	8,161		Acidize w/1000g 7-1/2% MSA with ball sealers				
									Frac w/10,000g MS fluid, 5000g CO2, 25,000# mesh and 20/40 sand				
				B	Atoka	8,001	8,008		No treatment				
Plug 7				PLUGS									
				#	SX	Class	Top	Bottom	Tag	Notes			
				1	8	H	8020	8120	Y	CIBP			
				2	25	H	7757	7951	Y	CIBP			
				3	30	H	7314	7643	N				
				4	30	C	6656	7012	N				
				5	25	C	5815	6237	Y	Perforate			
				6	40	C	4787	5046	Y	Perforate			
				7	35	C	1800	2000	Y	Perforate			
				8	30	C	1542	1654	Y	Perforate			
Plug 6													
				9	30	C	1050	1180	Y	Perforate			
				10	176	C	0	321	N	Perforate			
Plug 5													
				Notes									
				CIBP									
				CIBP									
				N									
				N									
				Y Perforate									
				Y Perforate									
				Y Perforate									
				Y Perforate									
Plug 4													
Plug 3													
Plug 2													
Perf B													
Plug 1													
Perf A													
				Prepared by: 11/8/21									

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 60765

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 60765
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	11/16/2021