



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print Report

08/30/2021

Operator Name EOG RESOURCES INCORPORATED SHL NWSE Sec 24 25S 32E	Well Name VALIANT 24 FED COM	Well Number 509H	US Well Number 3002547971
Well Type OIL WELL	County LEA	State NM	Lease Number(s) NMNM015317, NMNM15317, NMNM15317
	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name VALIANT 24 FED COM	Well Pad Number 504H-509H-706H-707H-723H	ID 10400058904

Section 1 - General

Well Completion Report Id: 72851	Submission Date: N/A until DB Work	
BLM Office: Carlsbad Field Office	User: KAY MADDIX	Title: Regulatory Specialist
Federal/Indian: FEDERAL	Lease Number: NMNM015317	Lease Acres:
Agreement in place?: NO	Federal or Indian Agreement:	
Agreement Number:	Agreement Name:	
Keep this Well Completion Report confidential?: NO		
APD Operator: EOG RESOURCES INCORPORATED		

Section 2 - Well Information

Field/Pool or Exploratory: Field/Pool	Pool Name: WC025 G08 S253235G;	Field Name: BOBCAT DRAW;UPPER
Well Type: OIL WELL		
Spud Date: 12-08-2020		
Date Total Measured Depth Reached: 01-25-2021		
Drill & Abandon or Ready To Produce: READY TO PRODUCE		
Well Class: HORIZONTAL		

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
PERMIAN	ANHYDRITE		3459	0	0	NONE	
RUSTLER	ANHYDRITE		2670	789	789	NONE	

Operator Name EOG RESOURCES INCORPORATED SHL NWSE Sec 24 25S 32E	Well Name VALIANT 24 FED COM	Well Number 509H	US Well Number 3002547971
	County LEA	State NM	Lease Number(s) NMNM015317, NMNM15317, NMNM15317
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name VALIANT 24 FED COM	Well Pad Number 504H- 509H-706H-707H-723H	ID 10400058904

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
TOP SALT	SALT		2341	1118	1118	NONE	
BASE OF SALT	SALT		-1179	4638	4638	NONE	
LAMAR	LIMESTONE		-1414	4873	4873	NONE	
BELL CANYON	SANDSTONE		-1436	4895	4895	NATURAL GAS, OIL	
CHERRY CANYON	SANDSTONE		-2340	5799	5799	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-3928	7387	7387	NATURAL GAS, OIL	
BONE SPRING LIME	LIMESTONE		-5538	8997	8997	NONE	
AVALON SAND	SHALE		-5636	9095	9095	NATURAL GAS, OIL	
FIRST BONE SPRING SAND	SANDSTONE		-6536	9995	9995	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-7085	10544	10544	NATURAL GAS, OIL	

Completion and Completed Intervals

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
---------------	-----------------	-----------------	-------------	--------------	----------------------	-------------------------------	-------------------	----------------	---------------------	-----------	-------------------	----------------------	----------------------	------------------	-----------------	--------------------

Operator Name EOG RESOURCES INCORPORATED SHL NWSE Sec 24 25S 32E	Well Name VALIANT 24 FED COM	Well Number 509H	US Well Number 3002547971
Well Type OIL WELL	County LEA	State NM	Lease Number(s) NMNM015317, NMNM15317, NMNM15317
Allottee/Tribe Name	Well Status Drilling Well	Agreement Name	Agreement Number(s)
	Well Pad Name VALIANT 24 FED COM	Well Pad Number 504H- 509H-706H-707H-723H	ID 10400058904

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	X1	1	NMNM15317	NMNM15317	NEW		POW	05-01-2021	04-30-2021	BONE SPRING	10789	18169	Y	3.125	1560	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	X1	1	Y	ACID FRAC	288585	1773045	space not large enough - 17730453 lbs

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	X1	1	48		FLows FROM WELL		SOLD	

Operator Name EOG RESOURCES INCORPORATED SHL NWSE Sec 24 25S 32E	Well Name VALIANT 24 FED COM	Well Number 509H	US Well Number 3002547971
Well Type OIL WELL	County LEA	State NM	Lease Number(s) NMNM015317, NMNM15317, NMNM15317
	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name VALIANT 24 FED COM	Well Pad Number 504H- 509H-706H-707H-723H	ID 10400058904

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	X1	1	05/10/2021	24	2353	3851	6239	1636				776

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: KB

Aliquot/Lot/Tract	Section	Range	Township	EW-Indicator	EW-Foot	NS-Indicator	NS-Foot	Plug Type	Plug MD (ft)	Plug TVD (ft)	Lease Number	Lease Type	Elevation (MSL)	Longitude	Latitude	County	Meridian	State
NWSE	24	32E	25S	FEL	2269	FSL	2053				NMNM015317	FEDERAL	3459	-103.6272332	32.114437	LEA	NEW MEXICO PRINCIPAL	SHL
NWSE	24	32E	25S	FWL	2359	FSL	2546				NMNM015317	FEDERAL	-6602	-103.6294644	32.1157823	LEA	NEW MEXICO PRINCIPAL	KOP Wellbore 00
NWSE	24	32E	25S	FWL	2308	FSL	2228				NMNM015317	FEDERAL	-7122	-103.6296248	32.1149073	LEA	NEW MEXICO PRINCIPAL	PPP Wellbore 00
SWSE	25	32E	25S	FWL	2394	FSL	145				NMNM110836	FEDERAL	-7195	-103.6293478	32.0946691	LEA	NEW MEXICO PRINCIPAL	EXIT Wellbore 00
SWSE	25	32E	25S	FWL	2393	FSL	110				NMNM110836	FEDERAL	-7195	-103.6293519	32.0945729	LEA	NEW MEXICO PRINCIPAL	BHL Wellbore 00

Operator Name EOG RESOURCES INCORPORATED SHL NWSE Sec 24 25S 32E	Well Name VALIANT 24 FED COM	Well Number 509H	US Well Number 3002547971
	County LEA	State NM	Lease Number(s) NMNM015317, NMNM15317, NMNM15317
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name VALIANT 24 FED COM	Well Pad Number 504H- 509H-706H-707H-723H	ID 10400058904

Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	16	0	912	13.375	54.5	J-55		ST&C		
00	INTERMEDIATE	12.25	0	4865	9.625	40	HCK-55		LT&C		
00	PRODUCTION	8.5	0	18189	5.5	20	HCP-110		LT&C		

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume (bbls)
00	SURFACE		Class C	395	1.79	0	Class C	100	1.35	0	150
00	INTERMEDIATE		CL C	1115	2.18	0	CL C	290	1.39	0	504.7
00	PRODUCTION		CL H	515	3.74	0	CL H	1765	1.23	4500	729.7

Operator Name EOG RESOURCES INCORPORATED SHL NWSE Sec 24 25S 32E	Well Name VALIANT 24 FED COM	Well Number 509H	US Well Number 3002547971
	County LEA	State NM	Lease Number(s) NMNM015317, NMNM15317, NMNM15317
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name VALIANT 24 FED COM	Well Pad Number 504H- 509H-706H-707H-723H	ID 10400058904

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00									

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report Completed?	Wellbore Diagram
00	YES	NO	NO	YES	NO	NO

Operator Name EOG RESOURCES INCORPORATED SHL NWSE Sec 24 25S 32E	Well Name VALIANT 24 FED COM	Well Number 509H	US Well Number 3002547971
Well Type OIL WELL	County LEA	State NM	Lease Number(s) NMNM015317, NMNM15317, NMNM15317
Allottee/Tribe Name	Well Status Drilling Well	Agreement Name	Agreement Number(s)
	Well Pad Name VALIANT 24 FED COM	Well Pad Number 504H- 509H-706H-707H-723H	ID 10400058904

Operator Certification

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. 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 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 Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: EOG RESOURCES INCORPORATED

Signed By: KAY MADDOX

Title: Regulatory Specialist

Signed on: 05/18/2021

Street Address: 5509 CHAMPIONS DR.

City: MIDLAND

State: TX

Zip: 79706

Phone: (432)638-8475

Email address: KAY_MADDOX@EOGRESOURCES.COM

Field Representative

Representative Name: KAY MADDOX

Street Address:

City:

State:

Zip:

Phone: (432)638-8475

Extension:

Email address:

Attachments

Valiant_24_Fed_Com__509H_5_INCH_MD_20210518130922.tiff

Valiant_24_Fed_Com_509H_Final_OH_Survey_20210518130934.pdf

Valiant_24_Fed_Com_509H_Final_PVA_20210518130949.pdf

C_102_VALIANT_24_FEDERAL_COM_509H_20210518130958.pdf

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

ACKNOWLEDGMENTS

Action 45303

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 45303
	Action Type: [C-105] Well (Re)Completion (C-105)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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 45303

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 45303
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	9/2/2021