



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

# Well Completion Print

08/25/2022

<b>Operator Name</b> EOG RESOURCES INCORPORATED SHL NENW Sec 11 25S 32E	<b>Well Name</b> RUTHLESS 11 FED COM	<b>Well Number</b> 502H	<b>US Well Number</b> 3002547749
	<b>County</b> LEA	<b>State</b> NM	<b>Lease Number(s)</b> NMNM110835
<b>Well Type</b> OIL WELL	<b>Well Status</b> Producing Oil Well	<b>Agreement Name</b>	<b>Agreement Number(s)</b>
<b>Allottee/Tribe Name</b>	<b>Well Pad Name</b> RUTHLESS 11 FED COM	<b>Well Pad Number</b> 501H, 502H, 701H, 702H, 721H	<b>ID</b> 10400051903

## Section 1 - General

<b>Well Completion Report Id:</b> 83238	<b>Submission Date:</b> N/A until DB	
<b>BLM Office:</b> Carlsbad Field Office	<b>User:</b> KAY MADDOX	<b>Title:</b> Regulatory Specialist
<b>Federal/Indian:</b> FEDERAL	<b>Lease Number:</b> NMNM110835	<b>Lease Acres:</b>
<b>Agreement in place?:</b> NO	<b>Federal or Indian Agreement:</b>	
<b>Agreement Number:</b>	<b>Agreement Name:</b>	
<b>Keep this Well Completion Report confidential?:</b> NO		
<b>APD Operator:</b> EOG RESOURCES INCORPORATED		

## Section 2 - Well

<b>Field/Pool or Exploratory:</b>	<b>Pool Name:</b> WC-025 G-08	<b>Field Name:</b> BOBCAT DRAW; UPPER
<b>Well Type:</b> OIL WELL		
<b>Spud Date:</b> 05-07-2021		
<b>Date Total Measured Depth Reached:</b> 06-12-2021		
<b>Drill &amp; Abandon or Ready To Produce:</b> READY TO		
<b>Well Class:</b> HORIZONTAL		

## Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
PERMIAN	ALLUVIUM		3489	0	0	NONE	
RUSTLER	ANHYDRITE		2540	829	829	NONE	

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### Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
TOP SALT	SALT		1965	1404	1404	NONE	
BASE OF SALT	SALT		-1171	4541	4541	NONE	
LAMAR	LIMESTONE		-1395	4768	4768	NONE	
BELL CANYON	SANDSTONE		-1425	4799	4799	NATURAL GAS, OIL	
CHERRY CANYON	SANDSTONE		-2325	5693	5693	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-3644	7161	7161	NATURAL GAS, OIL	
BONE SPRING LIME	LIMESTONE		-5345	8695	8695	NONE	
BONE SPRING 1ST	SANDSTONE		-6380	9743	9743	NONE	
BONE SPRING 2ND	SANDSTONE		-6983	10382	10382	NONE	

### Completion and Completed

#### 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	S1	1	NMNM110835	NMNM110835	NEW		POW	01-17-2022	01-17-2022	BONE SPRING	10970	21058	Y	3.125	2265	OPEN

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### Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	ACID FRAC	404039	24923660	

### Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1	44		FLows FROM WELL		SOLD	

### 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	S1	1	01/28/20 22	24	4885	8081	6770	1654				829
00	S1	1	01/28/20 22	24	4885	8081	6770	1654				829

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### Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: KB

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1504684	-103.6524002	3489	FEDERAL	NMNM 110835				622	FNL	1425	FWL	25S	32E	11	NENW
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1521581	-103.6516298	-6808	FEDERAL	NMNM 110835				46	FNL	805	FWL	25S	32E	11	NWNW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1512761	-103.6517179	-7308	FEDERAL	NMNM 110835				367	FNL	778	FWL	25S	32E	11	NWNW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1236028	-103.6517346	-7261	FEDERAL	NMNM 15912				127	FSL	806	FWL	25S	32E	11	SWSW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1235561	-103.6517332	-7261	FEDERAL	NMNM 15912				110	FSL	806	FWL	25S	32E	11	SWSW

### Casing, Liner and Tubing

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### 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	17.5	0	1007	13.375	54.5	J-55		ST&C		
00	INTERMEDIATE	12.25	0	4780	9.625	40	J-55		LT&C		
00	PRODUCTION	8.5	0	21066	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
00	SURFACE		Class C	835	1.6	0	Class C	236	1.33	0	293.8
00	INTERMEDIATE		Class C	1065	2.11	0	Class C	300	1.42	0	476.1
00	PRODUCTION		Class C	735	2.4	0	Class H	2850	1.19	4368	918.2

### 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									

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**Logs**

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

**Operator**

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:** 02/23/2022**Street Address:** 5509 CHAMPIONS DR.**City:** MIDLAND**State:** TX**Zip:** 79706**Phone:** (432)638-8475**Email address:** KAY\_MADDOX@EOGRESOURCES.COM**Field****Representative Name:****Street Address:****City:****State:****Zip:****Phone:****Extension:****Email address:****Attachments**

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RUTHLESS\_11\_FED\_COM\_502H\_\_\_5in\_MD\_Gamma\_FINAL\_20220223091115.pdf

Ruthless\_11\_Fed\_Com\_502H\_Final\_Survey\_Report\_20220223091132.pdf

Ruthless\_11\_Fed\_Com\_502H\_Final\_PVA\_20220223091147.pdf

C\_102\_RUTHLESS\_11\_FED\_COM\_502H\_20220223091157.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  
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**District III**  
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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 137850

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 137850
	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.



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State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 137850

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 137850
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	7/24/2024