



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

Well Completion Print

03/16/2023

Operator Name BTA OIL PRODUCERS LLC	Well Name HARROUN RANCH 20702 20-17 FEDE	Well Number 8H	US Well Number 3001547701
SHL SESW Lot N Sec 20 23S 29E	County EDDY	State NM	Lease Number(s) NMNM119271
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM137573
Allottee/Tribe Name	Well Pad Name HARROUN RANCH 20702 20-17 FEDERAL COM	Well Pad Number 8H and 9H	ID 10400055336

Section 1 - General

Well Completion Report Id: 81368**Submission Date:** 09-29-2021**BLM Office:** Carlsbad Field Office**User:** KATY REDDELL**Title:** Regulatory Analyst**Federal/Indian:** FEDERAL**Lease Number:** NMNM119271**Lease Acres:****Agreement in place?:** YES**Federal or Indian Agreement:****Agreement Number:** NMNM137573**Agreement Name:****Keep this Well Completion Report confidential?:** NO**APD Operator:** BTA OIL PRODUCERS LLC

Section 2 - Well

Field/Pool or Exploratory:**Pool Name:** WOLFCAMP**Field Name:** PURPLE SAGE**Well Type:** CONVENTIONAL GAS**Spud Date:** 06-02-2021**Date Total Measured Depth Reached:** 07-24-2021**Drill & Abandon or Ready To Produce:** READY TO**Well Class:** HORIZONTAL

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
QUATERNARY	ALLUVIUM		3018	0	0	NONE	
TOP SALT	LIMESTONE, SALT, SANDSTONE		2492	526	526	NONE	

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Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
RUSTLER	ANHYDRITE		782	2236	2236	NONE	
DELAWARE	LIMESTONE		671	2347	2347	NATURAL GAS, OIL	
BELL CANYON	SANDSTONE		638	2380	2380	NATURAL GAS, OIL	
BASE OF SALT	LIMESTONE, SALT, SANDSTONE		432	2586	2586	NONE	
CHERRY CANYON	SANDSTONE, SILTSTONE		-666	3684	3684	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE, SILTSTONE		-1870	4888	4888	NATURAL GAS, OIL	
BONE SPRING LIME	LIMESTONE, SANDSTONE		-3526	6544	6544	NATURAL GAS, OIL	
FIRST BONE SPRING SAND	LIMESTONE, SANDSTONE		-4530	7548	7548	NATURAL GAS, OIL	
BONE SPRING 2ND	LIMESTONE, SANDSTONE		-5312	8330	8330	NATURAL GAS, OIL	
BONE SPRING 3RD	LIMESTONE, SANDSTONE		-6243	9261	9261	NATURAL GAS, OIL	
WOLFCAMP	SHALE		-6805	9823	9823	NATURAL GAS, OIL	

Completion and Completed

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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	NMNM137573	NMNM119271	NEW		PGW	08-31-2021	08-30-2021	WOLFCA MP	10150	20096	Y	.42	2304	ISOLATED

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	532440		

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			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)

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Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbbls)	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	09/09/2021	24	1322	2973	5176	2248	41/64			2225

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NGVD29

Reference Datum: GL

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	EDDY	32.285648	-104.007578	2971	FEDERAL	NMNM119271			893	FSL	2458	FWL	23S	29E	20	SESW Lot N
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.284159	-104.01031	-6629	FEDERAL	NMNM119271			356	FSL	1668	FWL	23S	29E	20	SESW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.284159	-104.010131	-6977	FEDERAL	NMNM119271			356	FSL	1668	FWL	23S	29E	20	SESW
EXIT Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.311459	-104.009968	-6977	FEE	FEE			343	FNL	1640	FWL	23S	29E	17	NWNW
BHL Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.312189	-104.009984	-6977	FEE	FEE			100	FNL	1980	FEL	23S	29E	17	NWNE

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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	14.75	0	465	10.75	40.5	J-55		ST&C		
00	PRODUCT ION	6.75	0	9240	5.5	20	P-110		BUTT		
00	INTERME DIATE	9.875	0	9474	7.625	29.7	P-110		BUTT		
00	PRODUCT ION	6.75	8766	20334	5.0	18	P-110		BUTT		

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	155	1.7	0	Class C	200	1.34	0	94.7
00	PRODUCT ION		50/50 POZ H	525	1.55	3169					144.9
00	INTERME DIATE		Class H	580	1.83	0	Class H	150	1.19	0	1240.7
00	INTERME DIATE	2839	Class C	505	3.4	0	Class C	375	1.27	0	1240.7

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00	PRODUCT ION		Class H	1130	1.32	0					265.7

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	Wellbore Diagram
00	YES	NO	NO	YES	NO	NO

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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: BTA OIL PRODUCERS LLC

Signed By: KATY REDDELL

Title: Regulatory Analyst

Signed on: 09/29/2021

Street Address: 104 S Pecos

City: Midland

State: TX

Zip: 79701

Phone: (432)682-3753

Email address: Kreddell@btaoil.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 198032

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Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 198032
	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.
<input type="checkbox"/>	I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

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CONDITIONS

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	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	12/17/2024