



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

# Well Completion Print

09/15/2023

<b>Operator Name</b> KAISER FRANCIS OIL COMPANY	<b>Well Name</b> BELL LAKE UNIT NORTH	<b>Well Number</b> 211H	<b>US Well Number</b> 3002545510
<b>SHL NWSW Sec</b> 1 23S 33E	<b>County</b> LEA	<b>State</b> NM	<b>Lease Number(s)</b> NMLC066438
<b>Well Type</b> OIL WELL	<b>Well Status</b> Drilling Well	<b>Agreement Name</b> BELL LAKE	<b>Agreement Number(s)</b> NMNM068292X, NMNM68292X, NMNM68292X, NMNM68292X
<b>Allottee/Tribe Name</b>	<b>Well Pad Name</b> BELL LAKE NORTH	<b>Well Pad Number</b> 219H	<b>ID</b> 10400023388

## Section 1 - General

**Well Completion Report Id:** 81456

**Submission Date:** 10-06-2021

**BLM Office:** Carlsbad Field Office

**User:** CHRISTINA OPFER

**Title:** Regulatory Manager

**Federal/Indian:** FEDERAL

**Lease Number:** NMLC066438

**Lease Acres:**

**Agreement in place?:** YES

**Federal or Indian Agreement:**

**Agreement Number:**

**Agreement Name:** BELL LAKE

**Additional Information**

**Keep this Well Completion Report confidential?:**

**APD Operator:** KAISER FRANCIS OIL COMPANY

## Section 2 - Well

**Field/Pool or Exploratory:**

**Pool Name:** Bone Spring, Southwest

**Field Name:** Antelope Ridge

**Well Type:** OIL WELL

**Spud Date:** 09-29-2020

**Date Total Measured Depth Reached:** 10-09-2020

**Drill & Abandon or Ready To Produce:** READY TO

**Well Class:** HORIZONTAL

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**Section 3 - Geologic**

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
---	SANDSTONE		3526	0	0	NONE	
RUSTLER	SANDSTONE		2533	993	993	NONE	
SALADO	SALT		2013	1513	1513	NONE	
TOP SALT	SALT		1936	1590	1590	NONE	
BASE OF SALT	SALT		-710	4236	4255	NONE	
DELAWARE	SALT, SANDSTONE		-1599	5125	5148	NONE	
CHERRY CANYON	SANDSTONE		-3172	6700	6700	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-3907	7433	7457	NATURAL GAS, OIL	
AVALON SAND	SANDSTONE		-5363	8889	8912	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-6433	9959	9983	NATURAL GAS, OIL	
BONE SPRING 2ND	LIMESTONE, SANDSTONE		-6933	10453	10538	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	NMNM68292X		NEW		POW	07-28-2021	07-27-2021	BONE SPRING	10718	18384	Y	.42	2064	OPEN

**Treatment Data**

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Total Fluid (bbbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	416902		3/21: Pressure test csg to 10,100#. Test annulus to 1,000#. TCP Stage 1: 18,262'-18,384' O/A w/ 5, 3 1/8" guns. BD perfs @ 7,000# w/ 2% KCl water w/additives. Establish injection into perfs: 5 BPM @ 8,200# for 39 bbbls. SD and isolate well. ISIP 7,684#, 5 min 4,306#, 10 min 3,766#, 15 min 3,502#.

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**Treatment Data**

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
							3/21-4/21: Stage-Frac lateral 10,718'-18,384' O/A in 43 stages w/ 91,400 gal 15% HCl, 408,670 bbls SW and 6,056 bbls HVFR carrying 330,643# 100M and 17,890,679 # 30/50 white. 5/21: Drilled out all plugs w/4.625" roller cone bit. SICP: 2,000# TLTR: 420,798 bbls.

**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	43	0.75	FLows FROM WELL		SOLD	

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**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	08/30/2021	24	479	810	2489	1691	24/64			1790

**Well Location**

**Survey Type:** RECTANGULAR

**Survey Number:**

**Datum:** NAD83

**Vertical Datum:** NAVD88

**Reference Datum:**

State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MID (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MID (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3333219	-103.5334377	3526	N/A	N/A	FEDERAL	NMLC066438			2508	FSL	370	FWL	23S	33E	1	NWSW
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3330484	-103.5324987	-6601	10140	10127	FEDERAL	NMLC066438			2509	FSL	660	FWL	23S	33E	1	NWSW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.33933	-103.5326183	-7174	11040	10700	FEDERAL	NMLC066438			2547	FNL	623	FWL	23S	33E	1	SWNW

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	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	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
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3548738	-103.533253	-7174	18528	10700	STATE	STATE				209	FNL	429	FWL	22S	33E	36	NWNW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3552199	-103.5332466	-7174	18528	10700	STATE	STATE				84	FNL	432	FWL	22S	33E	36	NWNW

**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	17.5	0	1298	13.375	54.5	J-55		BUTT		

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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	INTERMEDIATE	12.25	0	5073	9.625	40	HCP-110		BUTT		
00	PRODUCTION	8.75	0	18490	5.5	20	P-110		OTHER	GBCD	

### 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		Halcem	735	1.74	0	halcem	335	1.35	0	308.3
00	INTERMEDIATE		Econocem	920	2.54	0	Halcem	380	1.33	0	506.2
00	PRODUCTION		NeoCem	900	3.52	0	NeoCem	2400	1.22	4700	1085.7

### 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									

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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	YES

**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:** KAISER FRANCIS OIL COMPANY  
**Signed By:** CHRISTINA OPFER                      **Title:** Regulatory Manager                      **Signed on:** 07/06/2023  
**Street Address:** 6733 S YALE AVENUE  
**City:** TULSA    **State:** OK    **Zip:** 74121  
**Phone:** (918)491-4468  
**Email address:** CHRISTINAO@KFOC.NET

**Field**

**Representative Name:** Jeremy Parent  
**Street Address:** 88 Shell Road  
**City:** Jal    **State:** NM    **Zip:** 88252  
**Phone:** (580)504-2593                              **Extension:**  
**Email address:** JeremyP@kfoc.net



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**Attachments**

Bell\_Lake\_Unit\_N\_219H\_2in\_TVD\_20211006135501.pdf

Bell\_Lake\_Unit\_N\_219H\_5in\_TVD\_20211006135501.pdf

Bell\_Lake\_Unit\_N\_219H\_5in\_MD\_20211006135502.pdf

Bell\_Lake\_Unit\_N\_219H\_2in\_MD\_20211006135503.pdf

Amended\_C\_102\_As\_Drilled\_83\_BLUN\_219H\_20230706101539.pdf

BELL\_LAKE\_UNIT\_N\_219H\_NAD\_83\_FINAL\_SURVEYS\_20230706101556.pdf

BLUN\_219H\_WBD\_20230706122430.pdf

Well Name <input type="text"/>	Well Number <input type="text"/>	US Well Number <input type="text"/>	Status <input type="text"/>	Created Date From: <input type="text"/> To: <input type="text"/>	Date Accepted From: <input type="text"/> To: <input type="text"/>
BELL LAKE UNIT NORTH	419H	3002547817	ACCEPTED	2021-09-07 22:01	2023-09-14 23:06
BELL LAKE UNIT NORTH	211H	3002545510	ACCEPTED	2021-10-04 21:21	2023-09-14 22:57
BELL LAKE UNIT NORTH	220H	3002547766	ACCEPTED	2021-09-07 21:17	2023-09-14 22:54

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 265516

**ACKNOWLEDGMENTS**

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 265516
	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.
<input type="checkbox"/>	I hereby certify that no additives containing PFAS chemicals were added to the fluid used in the completion or recompletion of this well.

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**

CONDITIONS

Action 265516

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	Action Number: 265516
	Action Type: [C-105] Well (Re)Completion (C-105)

**CONDITIONS**

Created By	Condition	Condition Date
plmartinez	None	9/24/2025