



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

# Well Completion Print Report

08/09/2021

<b>Operator Name</b> KAISER FRANCIS OIL COMPANY	<b>Well Name</b> BELL LAKE UNIT NORTH	<b>Well Number</b> 231H	<b>US Well Number</b> 3002546912
<b>SHL</b> NSW Lot L Sec 5 23S 34E	<b>County</b> LEA	<b>State</b> NM	<b>Lease Number(s)</b> NMNM0001244A, NMNM01244A, NMNM01244A
<b>Well Type</b> OIL WELL	<b>Well Status</b> Drilling Well	<b>Agreement Name</b> BELL LAKE	<b>Agreement Number(s)</b> NMNM68292X, NMNM68292X
<b>Allottee/Tribe Name</b>	<b>Well Pad Name</b> NORTH BELL LAKE UNIT	<b>Well Pad Number</b> 13	<b>ID</b> 10400042381

## Section 1 - General

<b>Well Completion Report Id:</b> 72970	<b>Submission Date:</b> N/A until DB Work	
<b>BLM Office:</b> Carlsbad Field Office	<b>User:</b> Eric Hansen	<b>Title:</b> Drilling Engineer
<b>Federal/Indian:</b> FEDERAL	<b>Lease Number:</b> NMNM0001244A	<b>Lease Acres:</b> 634.35
<b>Agreement in place?:</b> YES	<b>Federal or Indian Agreement:</b> FEDERAL	
<b>Agreement Number:</b> NMNM68292X	<b>Agreement Name:</b> BELL LAKE	
<b>Keep this Well Completion Report confidential?:</b> YES		
<b>APD Operator:</b> KAISER FRANCIS OIL COMPANY		

## Section 2 - Well Information

<b>Field/Pool or Exploratory:</b> Field/Pool	<b>Pool Name:</b> Bone Springs 98259	<b>Field Name:</b> OJO CHISO
<b>Well Type:</b> OIL WELL		
<b>Spud Date:</b> 09-29-2020		
<b>Date Total Measured Depth Reached:</b> 10-14-2020		
<b>Drill &amp; Abandon or Ready To Produce:</b> READY TO PRODUCE		
<b>Well Class:</b> HORIZONTAL		

## Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
---	OTHER	surface	3444	0	0	NONE	
RUSTLER	SANDSTONE		2262	1182	1182	NONE	

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### Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
SALADO	SANDSTONE		1872	1572	1572	NONE	
TOP SALT	SALT		1672	1772	1772	NONE	
BASE OF SALT	SALT		-1278	4722	4722	NONE	
LAMAR	LIMESTONE, SANDSTONE		-1478	4922	4922	NATURAL GAS, OIL	
BELL CANYON	SANDSTONE		-1728	5172	5172	NATURAL GAS, OIL	
CHERRY CANYON	SANDSTONE		-2628	6072	6072	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-4028	7472	7472	NATURAL GAS, OIL	
BONE SPRING	LIMESTONE, SANDSTONE		-5128	8572	8572	NATURAL GAS, OIL	
AVALON SAND	SANDSTONE		-5173	8617	8617	NATURAL GAS, OIL	
BONE SPRING 1ST	LIMESTONE, SANDSTONE		-6078	9522	9522	NATURAL GAS, OIL	
BONE SPRING 2ND	LIMESTONE, SANDSTONE		-6588	10032	10032	NATURAL GAS, OIL	

### Completion and Completed Intervals

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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	X1	1	NMNM68292X	NMNM01244A	NEW		POW	02-22-2021	05-02-2021	BONE SPRING	10671	17997	Y	.42	1925	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	FRAC	409369	9999999	1/21: Pressure test csg to 9,800#. Test annulus to 500#. TCP State 1: 17,875'-17,997' O/A w/5, 3 1/8" guns. BD perfs @ 6,300#. Establish injection into perfs: 15.5 BPM @ 8,300# for 50 bbls. SD and isolate well. ISIP 6,000#, 5 min 3,500#. 2/21: Stage-Frac lateral 10,671'-17,997' O/A in 43 stages w/88,733 gal 15% HCl,

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### Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Total Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
							398,343 bbls SW, and 8,914 bbls HVFR carrying 322,941# 100M and 18,323,990 # 30/50 white.

### 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	43	.75	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 Shut-In (psi)	Casing Pressure (psi)
00	X1	1	05/10/20 21	24	789	1346	1632	1705	20/64		2300

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### Well Location

Survey Type: RECTANGULAR

Survey Number: 6989

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum:

	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	Aliquo/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.331882	-103.499242	3444	FEDERAL	NMNM0587				2001	FSL	454	FWL	23S	34E	5	NWSW Lot L
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.332201	-103.498206	-6190	FEDERAL	NMNM0587				2117	FSL	726	FWL	23S	34E	5	NWSW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3347188	-103.498206	-6788	FEDERAL	NMNM01244A				2251	FNL	769	FWL	23S	34E	5	SWNW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3408523	-103.4993038	-6788	STATE	STATE				0	FSL	410	FWL	22S	34E	32	SWSW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3548055	-103.4982012	-6788	STATE	STATE				224	FNL	767	FWL	22S	34E	32	NWNW Lot D
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3551784	-103.4982065	-6788	STATE	STATE				88	FNL	765	FWL	22S	34E	32	NWNW Lot D

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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	17.5	0	1295	13.375	54.5	J-55		OTHER	BTC	
00	INTERMEDIATE	12.25	0	4985	9.625	40	HCP-110		LT&C		
00	PRODUCTION	8.75	0	18103	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 (bbls)
00	SURFACE		Extendacem C	770	1.75	0	Halcem	335	1.35	0	320.5
00	INTERMEDIATE		Econocem	905	2.54	0	Halcem	365	1.33		495.9
00	PRODUCTION		NeoCem	850	3.5	0	Versacem	2460	1.22		1064.4

#### Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report Completed?	Wellbore Diagram
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### Logs

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

### 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:** KAISER FRANCIS OIL COMPANY

**Signed By:** Eric Hansen

**Title:** Drilling Engineer

**Signed on:** 05/20/2021

**Street Address:** 6733 S. Yale Ave.

**City:** Tulsa

**State:** OK

**Zip:** 74121

**Phone:** (918)491-4339

**Email address:** EricH@kfoc.net

### Field Representative

**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

### Attachments

<b>Operator Name</b> KAISER FRANCIS OIL COMPANY	<b>Well Name</b> BELL LAKE UNIT NORTH	<b>Well Number</b> 231H	<b>US Well Number</b> 3002546912
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Bell\_Lake\_Unit\_North\_231H\_ST01\_2inMD\_20210520142812.pdf

Bell\_Lake\_Unit\_North\_231H\_ST01\_5inTVD\_20210520142813.pdf

Bell\_Lake\_Unit\_North\_231H\_ST01\_2inTVD\_20210520142813.pdf

KAISER\_FRANCES\_\_\_BELL\_LAKE\_UNIT\_NORTH\_231H\_\_\_FINAL\_\_\_NAD\_83\_\_\_20210520142822.pdf

BELL\_LAKE\_UNIT\_NORTH\_231H\_AS\_DRILLED\_20210520142834.pdf

BLUN\_231H\_WBD\_20210520142841.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**

1000 Rio Brazos Rd., Aztec, NM 87410  
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**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 44793

**ACKNOWLEDGMENTS**

Operator: KAISER-FRANCIS OIL CO P.O. Box 21468 Tulsa, OK 74121	OGRID: 12361
	Action Number: 44793
	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**  
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CONDITIONS  
  
Action 44793

CONDITIONS

Operator: KAISER-FRANCIS OIL CO P.O. Box 21468 Tulsa, OK 74121	OGRID: 12361
	Action Number: 44793
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	9/27/2021