E 11(0.2				FORM APPROVED
Form 3160-3 (March 2012)	UNITED STATES DEPARTMENT OF THE IN BUREAU OF LAND MANA TION FOR PERMIT TO D	600	Hobbs	• OMB No. 1004-0137 Expires October 31, 2014
	DEPARTMENT OF THE IN	TERIOR BB3	5. Lease S NMLC0063	
	BUREAU OF LAND MANA	GEMBA	6. If India	n, Allotee or Tribe Name
APPLICA	DEPARTMENT OF THE IN BUREAU OF LAND MANAG TION FOR PERMIT TO D	RILL OR REEVIER	NEU C	
la. Type of work: I DRIL	L REENTER	GEMENTER 6 21 RILL OR REFERENCE	BELL LAK	CA Agreement, Name and No. E/NMNM068292X
lb. Type of Well: 🗸 Oil We	ell Gas Well Other	Single Zone Mult	S. Lease N	ame and Well No. 3/2 E UNIT SOUTH 204H
2. Name of Operator KAISER		2361)	9. APT we 30-2	
3a. Address 6733 S. Yale Av		o. Phone No. (include area code) 918)491-0000		Pool, or Exploratory
	tion clearly and in accordance with any S FNL / 2144 FWL / LAT 32.24724	-		. M. or Blk. and Survey or Area 24S / R33E / NMP
At proposed prod. zone SW	SE / 330 FSL / 2290 FEL / LAT 3	2.225743 / LONG -103.5249		
 Distance in miles and direction 22 miles 	from nearest town or post office*		12. County of LEA	or Parish 13. State NM
15. Distance from proposed* location to nearest 330 property or lease line, ft. (Also to nearest drig, unit line,) feet	16. No of acres in lease	17. Spacing Unit dedicate 240	ed to this well
 18. Distance from proposed locatio to nearest well, drilling, complea applied for, on this lease, ft. 	n* eted, 1137 feet	19 Proposed Depth 10790 feet / 18733 feet	20. BLM/BIA Bond No. FED: WYB000055	on file
21. Elevations (Show whether DI 3630 feet		22 Approximate date work will st 06/01/2018	urt* 23. Estimate 40 days	ed duration
		24. Attachments		
The following, completed in accord	ance with the requirements of Onshore		attached to this form:	
 Well plat certified by a registere A Drilling Plan. A Surface Use Plan (if the loc 	ance with the requirements of Onshore	Oil and Gas Order No.1, must be 4. Bond to cover Item 20 above) ands, the 5. Operator certif	the operations unless cove	red by an existing bond on file or plans as may be required by t
 Well plat certified by a registere A Drilling Plan. A Surface Use Plan (if the loc 	ance with the requirements of Onshore ed surveyor. cation is on National Forest System La opropriate Forest Service Office).	Oil and Gas Order No.1, must be 4. Bond to cover Item 20 above) ands, the 5. Operator certif 6. Such other site	the operations unless cove cation specific information and/o	
 Well plat certified by a registere A Drilling Plan. A Surface Use Plan (if the loc SUPO must be filed with the ap 25. Signature (Electronic Sub Title 	ance with the requirements of Onshore ed surveyor. cation is on National Forest System La opropriate Forest Service Office).	Oil and Gas Order No.1, must be 4. Bond to cover Item 20 above) 5. Operator certif 6. Such other site BLM. Name (Printed/Typed)	the operations unless cove cation specific information and/o	or plans as may be required by the Date
 Well plat certified by a registere A Drilling Plan. A Surface Use Plan (if the loc SUPO must be filed with the ag 25. Signature (Electronic Sub) 	lance with the requirements of Onshore ed surveyor. sation is on National Forest System La opropriate Forest Service Office).	Oil and Gas Order No.1, must be 4. Bond to cover Item 20 above) 5. Operator certif 6. Such other site BLM. Name (Printed/Typed)	the operations unless cove cation specific information and/o 75)914-1461	or plans as may be required by the Date
 Well plat certified by a registere A Drilling Plan. A Surface Use Plan (if the loc SUPO must be filed with the ar 25. Signature (Electronic Sub Title Regulatory Analyst Approved by (Signature) (Electronic Subr Title 	ance with the requirements of Onshore ed surveyor. cation is on National Forest System La oppropriate Forest Service Office).	Oil and Gas Order No.1, must be 4. Bond to cover Item 20 above) 5. Operator certif 6. Such other site BLM. Name (Printed/Typed) Melanie Wilson / Ph: (5 Cody Layton / Ph: (575) Office	the operations unless cove cation specific information and/o 75)914-1461	Date 03/02/2018 Date
 Well plat certified by a registere A Drilling Plan. A Surface Use Plan (if the loc SUPO must be filed with the ar 25. Signature (Electronic Sub Title Regulatory Analyst Approved by (Signature) (Electronic Subr Title Supervisor Multiple Resource Application approval does not war conduct operations thereon.) 	ance with the requirements of Onshore ed surveyor. sation is on National Forest System La opropriate Forest Service Office). mission) hission)	Oil and Gas Order No.1, must be 4. Bond to cover Item 20 above) 5. Operator certif 6. Such other site BLM. Name (Printed/Typed) Melanie Wilson / Ph: (5 Ody Layton / Ph: (575) Office CARLSBAD	the operations unless cove cation specific information and/o 75)914-1461 234-5959	Date Date 03/02/2018 Date 06/12/2018
 Well plat certified by a registere A Drilling Plan. A Surface Use Plan (if the loc SUPO must be filed with the ar 25. Signature (Electronic Sub Title Regulatory Analyst Approved by (Signature) (Electronic Subr Title Supervisor Multiple Resource Application approval does not war conduct operations thereon. Conditions of approval day, are 	ance with the requirements of Onshore ed surveyor. sation is on National Forest System La opropriate Forest Service Office). mission) hission)	Oil and Gas Order No. 1, must be 4. Bond to cover https://docs.org/licence.com/licence.	the operations unless cove cation specific information and/o 75)914-1461 234-5959 hts in the subject lease whic	Date 03/02/2018 Date 06/12/2018
 Well plat certified by a registere A Drilling Plan. A Surface Use Plan (if the loc SUPO must be filed with the ar 25. Signature (Electronic Sub Title Regulatory Analyst Approved by (Signature) (Electronic Subr Title Supervisor Multiple Resource Application approval does not war conduct operations thereon. Conditions of approval day, are 	ance with the requirements of Onshore led surveyor. sation is on National Forest System La opropriate Forest Service Office). mission) mission) ses rant or certify that the applicant holds I attached. e 43 U.S.C. Section 1212, make it a crimilent statements or representations as to	Oil and Gas Order No.1, must be 4. Bond to cover Item 20 above) ands, the 5. Operator certif 6. Such other site BLM. Name (Printed'Typed) Melanie Wilson / Ph: (575) Office CARLSBAD legal or equitable title to those rig ne for any person knowingly and any matter within its jurisdiction.	the operations unless cove cation specific information and/o 75)914-1461 234-5959 hts in the subject lease whice willfully to make to any dep	Date 03/02/2018 Date 06/12/2018 Date 06/12/2018 Date 06/12/2018
 Well plat certified by a registere A Drilling Plan. A Surface Use Plan (if the loc SUPO must be filed with the ar 25. Signature (Electronic Sub Title Regulatory Analyst Approved by (Signature) (Electronic Subr Title Supervisor Multiple Resourc Application approval does not war conduct operations thereon.) Conditions of approval, if any, are Title 18 U.S.C. Section 1001 and Titl States any false, fictitious or fraudu (Continued on page 2) 	ance with the requirements of Onshore led surveyor. sation is on National Forest System La opropriate Forest Service Office). mission) mission) ses rant or certify that the applicant holds I attached. e 43 U.S.C. Section 1212, make it a crimilent statements or representations as to	Oil and Gas Order No.1, must be 4. Bond to cover Item 20 above) ands, the 5. Operator certif 6. Such other site BLM. Name (Printed'Typed) Melanie Wilson / Ph: (575) Office CARLSBAD legal or equitable title to those rig ne for any person knowingly and any matter within its jurisdiction.	the operations unless cove cation specific information and/o 75)914-1461 234-5959 hts in the subject lease whice willfully to make to any dep	Date 03/02/2018 Date 06/12/2018 Date 06/12/2018 Date 06/12/2018
 Well plat certified by a registere A Drilling Plan. A Surface Use Plan (if the loc SUPO must be filed with the ar 25. Signature (Electronic Sub Title Regulatory Analyst Approved by (Signature) (Electronic Subr Title Supervisor Multiple Resourc Application approval does not war conduct operations thereon.) Conditions of approval, if any, are Title 18 U.S.C. Section 1001 and Titl States any false, fictitious or fraudu (Continued on page 2) 	ance with the requirements of Onshore ed surveyor. sation is on National Forest System La opropriate Forest Service Office). mission) nission) ness rant or certify that the applicant holds I attached. e 43 U.S.C. Section 1212, make it a crim lent statements or representations as to IOSS INS	Oil and Gas Order No. 1, must be 4. Bond to cover https://docs.org/licence.com/licence.	the operations unless cove cation specific information and/o 75)914-1461 234-5959 hts in the subject lease whice willfully to make to any dep	Date 03/02/2018 Date 06/12/2018 Date 06/12/2018 Date 06/12/2018

no jo jac

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated on Federal and Indian lands and leases for action by appropriate Federal agencies, pursuant to applicable Federal laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from local Federal offices.

ITEM 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable Federal regulations concerning subsequent work proposals or reports on the well.

ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal offices for specific instructions.

ITEM 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on the reverse side, showing the roads to, and the surveyed location of the well, and any other required information, should be furnished when required by Federal agency offices.

ITEMS 15 AND 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective productive zone.

ITEM 22: Consult applicable Federal regulations, or appropriate officials, concerning approval of the proposal before operations are started.

The Privacy Act of 1974 and regulation in 43 CFR 2:48(d) provide that you be furnished the following information in connection with information required by this application.

NOTICES

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR 3160

PRINCIPAL PURPOSES: The information will be used to: (1) process and evaluate your application for a permit to drill a new oil, gas, or service well or to reenter a plugged and abandoned well; and (2) document, for administrative use, information for the management, disposal and use of National Resource Lands and resources including (a) analyzing your proposal to discover and extract the Federal or Indian resources encountered; (b) reviewing procedures and equipment and the projected impact on the land involved; and (c) evaluating the effects of the proposed operation on the surface and subsurface water and other environmental impacts. ROUTINE USE: Information from the record and/or the record will be transferred to appropriate Federal, State, and local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecution, in connection with congressional inquiries and for regulatory responsibilities.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if you elect to initiate a drilling or reentry operation on an oil and gas lease.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to allow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases. This information will be used to analyze and approve applications. Response to this request is mandatory only if the operator elects to initiate drilling or reentry operations on an oil and gas lease. The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.

(Continued on page 3)

(Form 3160-3, page 2)

Additional Operator Remarks

Location of Well

1. SHL: SENW / 2406 FNL / 2144 FWL / TWSP: 24S / RANGE: 33E / SECTION: 1 / LAT: 32.24724 / LONG: -103.52768 (TVD: 0 feet, MD: 0 feet,) PPP: NWNW / 0 FNL / 2290 FEL / TWSP: 24S / RANGE: 33E / SECTION: 12 / LAT: 32.239357 / LONG: -103.524942 (TVD: 10790 feet, MD: 13780 feet) PPP: NWSE / 2600 FSL / 2260 FEL / TWSP: 24S / RANGE: 33E / SECTION: 1 / LAT: 32.246506 / LONG: -103.52493 (TVD: 10790 feet, MD: 11180 feet) BHL: SWSE / 330 FSL / 2290 FEL / TWSP: 24S / RANGE: 33E / SECTION: 12 / LAT: 32.225743 / LONG: -103.524919 (TVD: 10790 feet, MD: 18733 feet)

BLM Point of Contact

Name: Katrina Ponder Title: Geologist Phone: 5752345969 Email: kponder@blm.gov

Review and Appeal Rights

A person contesting a decision shall request a State Director review. This request must be filed within 20 working days of receipt of the Notice with the appropriate State Director (see 43 CFR 3165.3). The State Director review decision may be appealed to the Interior Board of Land Appeals, 801 North Quincy Street, Suite 300, Arlington, VA 22203 (see 43 CFR 3165.4). Contact the above listed Bureau of Land Management office for further information.



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

Operator Certification

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

NAME: Melanie Wilson

State: NM

State: OK

Title: Regulatory Analyst

Street Address: 106 W. Riverside Drive

City: Calsbad

Phone: (575)914-1461

Email address: mjp1692@gmail.com

Field Representative

Representative Name: Robert Sanford

Street Address: 6733 S Yale Ave

City: Tulsa

nty. Tuisa

Zip: 74136

Zip: 88220

perator Certification Data Report

Signed on: 02/28/2018

06/20/2018

Phone: (918)770-2682

Email address: roberts@kfoc.net

AFMSS U.S. Department of the Interior BUREAU OF LAND MANAGEMENT		Ap,	plication l	Data Report 06/20/2018
APD ID: 10400026738	5	Submission Date: 03	/02/2018	Newlighted (#19)
Operator Name: KAISER FRANCIS OIL CO	MPANY			cilees (hounes). zataalidaanuraa
Well Name: BELL LAKE UNIT SOUTH	N	Vell Number: 204H		Show Final Text
Well Type: OIL WELL	\	Vell Work Type: Drill)
Section 1 - General				
APD ID: 10400026738	Tie to previou	s NOS?	Submiss	ion Date: 03/02/2018
BLM Office: CARLSBAD	User: Melanie	Wilson	Title: Regulato	ry Analyst
Federal/Indian APD: FED	Is the first leas	se penetrated for pro	duction Federal	or Indian? FED
Surface access agreement in place?	Least Actors	Reserva	ation:	
Agnesing Millighter MES Agreement name:	Redstationae	hriegicthum Plu		
Keep application confidential? YES				
Permitting Agent? NO	APD Operator	: KAISER FRANCIS	DIL COMPANY	
Operator letter of designation:				
	_			
Operator Info				
Operator Organization Name: KAISER FRA	NCIS OIL COMP.	ANY		
Operator Address: 6733 S. Yale Ave.		Zip: 7	74121	
Operator PO Box: PO Box 21468		•		
Operator City: Tulsa State:	OK			
Operator Phone: (918)491-0000				
Operator Internet Address:				
Section 2 - Well Informa	tion			
Well in Master Development Plan? NO	Mate	r Development Plan	name:	
Well in Master SUPO? NO	Mast	er SUPO name:		
Well in Master Drilling Plan? NO	Mast	er Drilling Plan nam	e:	
Well Name: BELL LAKE UNIT SOUTH	Well	Number: 204H	Well API	Number:
Field/Pool or Exploratory? Field and Pool		Name: ANTELOPE	RIDGE Pool Nam	e: BONE SPRING
Is the proposed well in an area containing	WES other mineral res			

Well Name: BELL LAKE UNIT SOUTH

Well Number: 204H

Describe other minerals:		
Is the proposed well in a Helium production area? ${\sf N}$	Use Existing Well Pad? NO	New surface disturbance?
Type of Well Pad: MULTIPLE WELL	Multiple Well Pad Name:	Number: 1
Well Class: HORIZONTAL	SOUTH BELL LAKE UNIT Number of Legs: 1	
Well Work Type: Drill		
Well Type: OIL WELL		
Describe Well Type:		
Well sub-Type: EXPLORATORY (WILDCAT)		
Describe sub-type:		
Distance to town: 22 Miles Distance to ne	arest well: 1137 FT Dis	stance to lease line: 330 FT
Reservoir well spacing assigned acres Measurement:	240 Acres	
Well plat: Bell_Lake_Unit_South_204HC102_2018	0215093845.pdf	
Bell_Lake_Unit_South_204H_Pymt_Rec_2	0180302071045.pdf	
Well work start Date: 06/01/2018	Duration: 40 DAYS	

Section 3 - Well Location Table

Survey Type: RECTANGULAR

Describe Survey Type:

Datum: NAD83

Survey number:

Vertical Datum: NAVD88

	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	QW	DVT
SHL Leg #1	240 6	FNL	214 4	FWL	24S	33E	1	Aliquot SENW	32.24724	- 103.5276 8	LEA	NEW MEXI CO		s	STATE	363 0	0	0
KOP Leg #1	209 3	FNL	225 6	FEL	24S	33E	1	Aliquot SENW	32.24795 6	- 103.5243 44	LEA		NEW MEXI CO	S	STATE	- ′ 658 7	102 80	102 17
PPP Leg #1	260 0	FSL	226 0	FEL	24S	33E	1		32.24650 6	- 103.5248 3	LEA		NEW MEXI CO	S	STATE	- 716 0	111 80	107 90

Page 2 of 3

Operator Name: KAISER FRANCIS OIL COMPANY Well Name: BELL LAKE UNIT SOUTH

Well Number: 204H

	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	QW	TVD
PPP Leg #1	0	FNL	229 0	FEL	245	33E	12	Aliquot NWN W	32.23935 7	- 103.5249 42	LEA	NEW MEXI CO	NEW MEXI CO		NMLC0 063798	- 716 0	137 80	107 90
EXIT Leg #1	330	FSL	229 0	FEL	24S	33E	12	Aliquot SWSE	32.22574 3	- 103.5249 19	LEA	NEW MEXI CO	NEW MEXI CO	F	NMLC0 063798	- 716 0	187 33	107 90
BHL Leg #1	330		229 0	FEL	24S	33E	12	Aliquot SWSE	32.22574 3	- 103.5249 19	LEA	NEW MEXI CO		F	NMLC0 063798	- 716 0	187 33	107 90

FMSS

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

Well Name: BELL LAKE UNIT SOUTH

Drilling Plan Data Report

no free and the

1. A

06/20/2018

APD ID: 10400026738

Operator Name: KAISER FRANCIS OIL COMPANY

Well Number: 204H

Submission Date: 03/02/2018



Show Final Text

Well Type: OIL WELL

Well Work Type: Drill

Section 1 - Geologic Formations

Formation		· .	True Vertical	Measured			Producing
ID	Formation Name	Elevation	Depth	Depth	Lithologies	Mineral Resources	Formation
1		3630	0	Ó		NONE	No
2	RUSTLER	2230	1400	1400		NONE	No
3	SALADO	1830	1800	1800		NONE	No
4	TOP SALT	1480	2150	2150	<u> </u>	NONE	No
5	BASE OF SALT	-1420	5050	5050		NONE	No
6	LAMAR	-1670	5300	5300		NATURAL GAS,OIL	No
7	BELL CANYON	-1820	5450	5450		NATURAL GAS,OIL	No
8	CHERRY CANYON	-2670	6300	6300		NATURAL GAS,OIL	No
9	BRUSHY CANYON	-4100	7730	7730		NATURAL GAS,OIL	No
10	BONE SPRING	-5240	8870	8870		NATURAL GAS,OIL	No
11	AVALON SAND	-5400	9030	9030		NATURAL GAS,OIL	No
12	BONE SPRING 1ST	-6370	10000	10000		NATURAL GAS,OIL	No
13	BONE SPRING 2ND	-6960	10590	10590		NATURAL GAS,OIL	Yes
14	BONE SPRING LIME	-7420	11050	11050	<u> </u>	NATURAL GAS,OIL	No
15	BONE SPRING 3RD	-7930	11560	11560		NATURAL GAS,OIL	No
16	WOLFCAMP	-8255	11885	11885		NATURAL GAS,OIL	No

Section 2 - Blowout Prevention

Well Name: BELL LAKE UNIT SOUTH

Well Number: 204H

Pressure Rating (PSI): 5M

Rating Depth: 12000

Equipment: Annular. The BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold.

Requesting Variance? YES

Variance request: Flex Hose Variance

Testing Procedure: BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all of the components installed will be functional and tested.

Choke Diagram Attachment:

Bell_Lake_Unit_South_204H_Chk_Diagram_Rev1_20180302070338.pdf

BOP Diagram Attachment:

Bell_Lake_Unit_South_204H_BOP_Diagram_Rev1_20180302070352.pdf

Section 3 - Casing

Casing ID	String Type	Hole Size	Csg Size	Condition	Standard	Tapered String	Top Set MD	Bottom Set MD	Top Set TVD	Bottom Set TVD	Top Set MSL	Bottom Set MSL	Calculated casing length MD	Grade	Weight	Joint Type	Collapse SF	Burst SF	Joint SF Type	Joint SF	Body SF Type	Body SF
1	SURFACE	17.5	13.375	NEW	API	N	0	1350	0	1350			1350	J-55	54.5	STC	1.8	4.3	DRY	7	DRY	11.6
2	14 70	12.2 5	9.625	NEW	API	N	0	5200	0	5200				HCP -110	40	LTC	1.5	2.9	DRY	6.1	DRY	6.1
3	PRODUCTI ON	8.75	5.5	NEW	API	N	0	18733	0	10790			18733	P- 110		OTHER - BTC	2.2	2.5	DRY	2.5	DRY	3

Casing Attachments

Well Number: 204H

Casing Attachments

Casing ID: 1 String Type: SURFACE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Bell_Lake_Unit_South_204H_Casing_Assumptions_20180215104615.xlsx

Casing ID: 2 String Type: INTERMEDIATE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Bell_Lake_Unit_South_204H__Casing_Assumptions_20180215104713.xlsx

Casing ID: 3 String Type: PRODUCTION

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Bell_Lake_Unit_South_204H_Casing_Assumptions_20180215104852.xlsx

Section 4 - Cement

Well Name: BELL LAKE UNIT SOUTH

Well Number: 204H

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
SURFACE	Lead		0	1350	780	1.73	12.8	1414. 42	100	SLB Lead	30% Extender
SURFACE	Tail		0	1350	272	1.66	13.6	451.4 5	100	SLB Tail	2% Extender
INTERMEDIATE	Lead		0	5200	1000	2.02	12.6	2020	50	SLB Lead	30% Extender
INTERMEDIATE	Tail		0	5200	246	1.29	14.2	317.3 4	50	SLB Tail	44% Extender
PRODUCTION	Lead		4700	1873 3	590	2.81	11	1646	25	NeoCem	-
PRODUCTION	Tail		4700	1873 3	1735	1.47	13.2	2541. 8	15	NeoCem	0.6% HR-601

Section 5 - Circulating Medium

Mud System Type: Closed

Will an air or gas system be Used? NO

Description of the equipment for the circulating system in accordance with Onshore Order #2:

Diagram of the equipment for the circulating system in accordance with Onshore Order #2:

Describe what will be on location to control well or mitigate other conditions: Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times

Describe the mud monitoring system utilized: PVT/Pason/Visual Monitoring

Circulating Medium Table

Top Depth	Bottom Depth	Mud Type	Min Weight (Ibs/gal)	Max Weight (Ibs/gal)	Density (lbs/cu ft)	Gel Strength (lbs/100 sqft)	Н	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
5200	1873 3	OTHER : Cut Brine	8.7	8.9							
1350	5200	OTHER : Brine	10	10.2							
0	1350	OTHER : Fresh Water	8.4	9					-		

Page 4 of 6

Operator Name: KAISER FRANCIS OIL COMPANY Well Name: BELL LAKE UNIT SOUTH

Well Number: 204H

Section 6 - Test, Logging, Coring

List of production tests including testing procedures, equipment and safety measures: None planned

List of open and cased hole logs run in the well: DS,GR,MUDLOG

Coring operation description for the well:

None planned

Section 7 - Pressure

Anticipated Bottom Hole Pressure: 4994

Anticipated Surface Pressure: 2620.19

Anticipated Bottom Hole Temperature(F): 165

Anticipated abnormal pressures, temperatures, or potential geologic hazards? NO

Describe:

Contingency Plans geoharzards description:

Contingency Plans geohazards attachment:

Hydrogen Sulfide drilling operations plan required? YES

Hydrogen sulfide drilling operations plan:

Bell_Lake_Unit_South_204H_H2S_Contingency_Plan_20180215110546.DOC

Section 8 - Other Information

Proposed horizontal/directional/multi-lateral plan submission:

Bell_Lake_Unit_South_204H_Directional_Plan_20180215110706.pdf

Other proposed operations facets description:

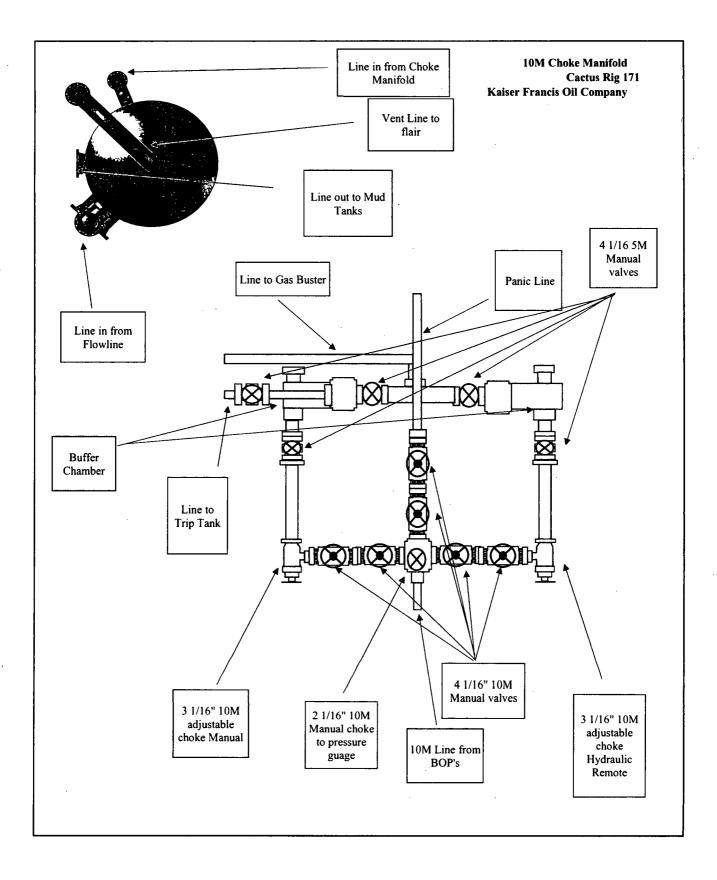
Gas capture plan attached.

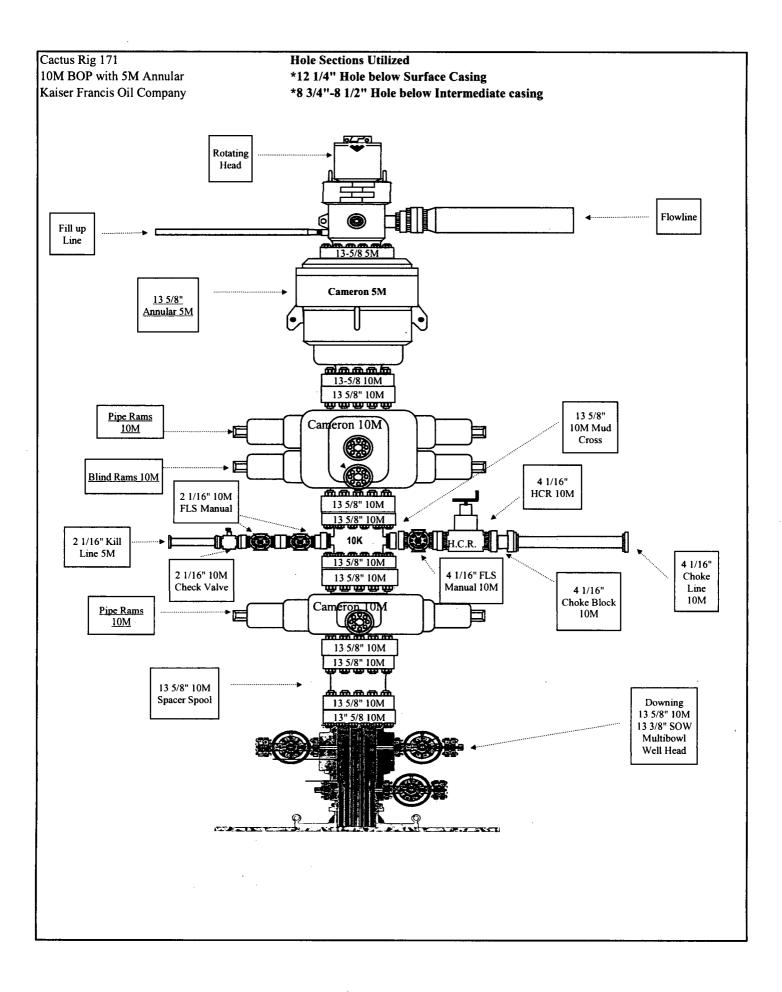
Other proposed operations facets attachment:

Bell_Lake_Unit_South_204H_Gas_Capture_Plan_20180530140511.pdf

Other Variance attachment:

Bell_Lake_Unit_North_204H__Flex_Hose_Data_20180215110717.pdf





· · ·	
	· · ·
Formation	Formation Top
Name	TVD
Rustler	1400
Salado	1825
Top of Salt	2000
Base of Salt	5000
Lamar	5200
Bell Canyon	5400
Cherry Canyon	6250
Brushy Canyon	7725
Bone Spring	8865
Avalon	9057
1 BSS	10100
2 BSS	10635
3 BSL	11150
3 BSS	11630
Wolfcamp	11935

Interval	Length	Casing Size	Weight (#/ft)
Conductor	120'	20"	
Surface	1350'	13-5/8"	54.5
Intermediate	5200'	9-5/8"	40
Production	18733'	5-1/2"	20

.

Grade	Thread	Condition	Hole Size	TVD (ft)
	_	New		120
J-55	STC	New	17-1/2"	1350
HCP-110	LTC	New	12-1/4"	5200
P110	BTC	New	8-3/4"	10790

	Mud Type	Mud Weight Hole Control	Viscosity
[FW	8.4 - 9.0	32 - 34
[Brine	10 - 10.2	28
	Cut Brine	8.7 - 8.9	28-29

`

Fluid Loss	Anticipated Mud Weight (ppg)	Max Pore Pressure (psi)	Collapse (psi)	Burst (psi)	Body Tensile Strength
NC	9	632	1130	2730	853000
NC	10.2	2758	4230	7900	1260000
NC	8.9	4994	11100	12640	641000

Joint Tensile Strength	Collapse Safety Factor (Min 1.1)	Burst Safety Factor (Min 1.0)	Body Tensile Safety Factor (Min 1.8)	Joint Tensile Safety Factor (Min 1.8)
514000	1.8	4.3	11.6	7.0
1266000	1.5	2.9	6.1	6.1
548000	2.2	2.5	3.0	2.5

Formation Name	Formation Top TVD	Inter
Rustler	1400	Condu
Salado	1825	Surfa
Top of Salt	2000	Interme
Base of Salt	5000	Produ
Lamar	5200	
Bell Canyon	5400	
Cherry Canyon	6250	
Brushy Canyon	7725	
Bone Spring	8865	
Avalon	9057	
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2 BSS	10635	
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3 BSS	11630	
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Formation	Formation Top				Weight
Name	TVD	Interval	Length	Casing Size	
Rustler	1400	Conductor	120'	20"	
Salado	1825	Surface	1350'	13-5/8"	54.5
Top of Salt	2000	Intermediate	5200'	9-5/8"	40
Base of Salt	5000	Production	18733'	5-1/2"	20

		• • • • •			• •	· ·	
Grade	Thread	Condition	Hole Size	* • • •	Mud Type	Mud Weight Hole Control	Viscosity
		New		120	•		
J-55	STC	New	17-1/2"	1350	FW	8.4 - 9.0	32 - 34
HCP-110	LTC	New	12-1/4"	5200	Brine	10 - 10.2	28
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1266000	1.5	2.9	6.1	6.1
548000	2.2	2.5	3.0	2.5



Gates E&S North America, Inc. 7603 Prairie Oak Dr. Houston, TX. 77086 PHONE : FAX: <u>Troy.Schmidt@gates.com</u>

CERTIFICATE OF CONFORMANCE

This is to verify that all Parts and/or Materials included in this shipment have been manufactured and/or processed in Conformance with applicable drawings and specifications, and that Records of Required Tests are on file and subject to examination. The following items were assembled at **Gates E & S, North America Inc.**, facilities in Houston, TX, USA. This hose assembly was designed and manufactured to meet requirements of API Spec 7K.

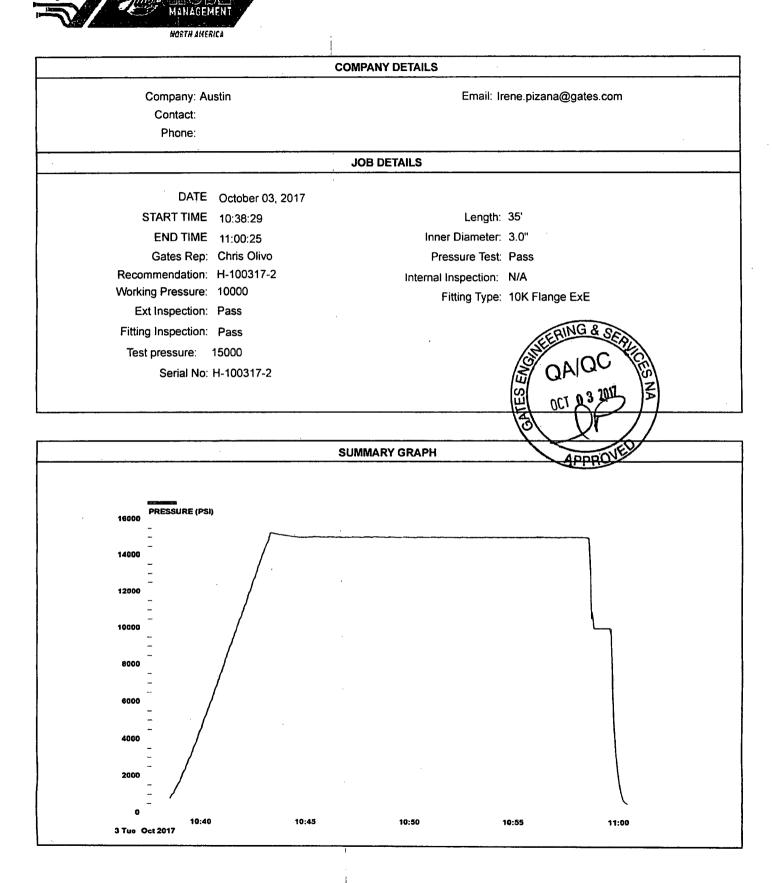
CUSTOMER: A-7 AUSTIN INC DBA AUSTIN HOSE CUSTOMERS P.O.#: 4086301 PART DESCRIPTION: 10K3.035.0CM4.1/16FLGE/E SALES ORDER #: 508588 QUANTITY: 1 SERIAL #: H-100317-2

SIGNATURE **QUALITY ASSURANCE** TITLE:

DATE:

10/3/2017

JOB REPORT



Report Created: 3-Oct-17

'A EMSS

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

APD ID: 10400026738

Operator Name: KAISER FRANCIS OIL COMPANY

Well Name: BELL LAKE UNIT SOUTH

Submission Date: 03/02/2018

Well Number: 204H Well Work Type: Drill

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Well Type: OIL WELL

Section 1 - Existing Roads

Will existing roads be used? YES

Existing Road Map:

BellLake_Unit_South_204H_Existing_Rd_Rev1_20180302070421.pdf

Existing Road Purpose: ACCESS, FLUID TRANSPORT

ROW ID(s)

ID:

Do the existing roads need to be improved? NO

Existing Road Improvement Description:

Existing Road Improvement Attachment:

Section 2 - New or Reconstructed Access Roads

Will new roads be needed? YES

New Road Map:

Bell_Lake_Unit_South_204H_Access_Rd_Detail_20180302070435.pdf

New road type: RESOURCE

Length: 200 Feet Width (ft.): 25

Max slope (%): 2

Army Corp of Engineers (ACOE) permit required? NO

ACOE Permit Number(s):

New road travel width: 15

New road access erosion control: Road construction requirements and regular maintenance would alleviate potential impacts to the access road from water erosion damage. New road access plan or profile prepared? NO

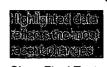
Max grade (%): 2

New road access plan attachment:

Access road engineering design? NO

Access road engineering design attachment:

Row(s) Exist? NO



SUPO Data Report

Well Name: BELL LAKE UNIT SOUTH

Well Number: 204H

Access surfacing type: OTHER

Access topsoil source: BOTH

Access surfacing type description: Native caliche

Access onsite topsoil source depth: 6

Offsite topsoil source description: Material will be obtained from BLM caliche pit in SWSW Section 22-T24S-R34E or NENE Section 20- T23S-R33E

Onsite topsoil removal process: The top 6 inches of topsoil is pushed off and stockpiled along the side of the location. An approximate 160' X 160' area is used within the proposed well site to remove caliche. Subsoil is removed and stockpiled within the pad site to build the location and road. Then subsoil is pushed back in the hole and caliche is spread accordingly across proposed access road.

Access other construction information:

Access miscellaneous information:

Number of access turnouts:

Access turnout map:

Drainage Control

New road drainage crossing: OTHER

Drainage Control comments: Proposed access road will be crowned and ditched and constructed of 6 inch rolled and compacted caliche. Water will be diverted where necessary to avoid ponding, maintain good drainage, and to be consistent with local drainage patterns.

Road Drainage Control Structures (DCS) description: The ditches will be 3' wide with 3:1 slopes

Road Drainage Control Structures (DCS) attachment:

Access Additional Attachments

Additional Attachment(s):

Section 3 - Location of Existing Wells

Existing Wells Map? YES

Attach Well map:

Bell_Lake_Unit_South_204H_One_Mile_Map_20180215112448.pdf

Existing Wells description:

Section 4 - Location of Existing and/or Proposed Production Facilities

Submit or defer a Proposed Production Facilities plan? DEFER

Estimated Production Facilities description: Production facilities are planned for the south side of pad. Plan for initial wells: 2-1000 bbl water tanks and 5-1000 bbl oil tanks, a temporary 6X20 horizontal 3-phase sep, a 48" X 10' 3-phase sep, a 8 X 20' heater treater and a 48"X 10' 2-phase sep

Well Name: BELL LAKE UNIT SOUTH

Well Number: 204H

Section 5 - Location and Types of Water Supply Water Source Table Water source use type: INTERMEDIATE/PRODUCTION CASING Water source type: OTHER **Describe type: BRINE WATER** Source longitude: Source latitude: Source datum: Water source permit type: PRIVATE CONTRACT Source land ownership: PRIVATE Water source transport method: TRUCKING Describe transportation land ownership: Source transportation land ownership: OTHER Source volume (acre-feet): 2.577862 Water source volume (barrels): 20000 Source volume (gal): 840000 Water source use type: OTHER, STIMULATION, SURFACE CASING Water source type: OTHER **Describe type:** FRESH WATER Source latitude: Source longitude: Source datum: Water source permit type: PRIVATE CONTRACT Source land ownership: PRIVATE Water source transport method: TRUCKING Source transportation land ownership: OTHER Describe transportation land ownership: Water source volume (barrels): 250000 Source volume (acre-feet): 32.223274 Source volume (gal): 10500000 Water source and transportation map: Bell_Lake_Unit_South_204H__Water_Source_Map_20180215112919.pdf Water source comments: Source transportation land ownership is a mixture of Federal, State and County.

New water well? NO

New Water Well Info

Well latitude:

Well Longitude:

Well datum:

Well target aquifer:

Est. depth to top of aquifer(ft):

Est thickness of aquifer:

Operator Name: KAISER FRANCIS OIL COMPANY Well Name: BELL LAKE UNIT SOUTH

Well Number: 204H

Aquifer comments:

Aquifer documentation:

Well casing type: Well depth (ft): Well casing outside diameter (in.): Well casing inside diameter (in.): New water well casing? Used casing source: **Drilling method: Drill material:** Grout material: Grout depth: Casing length (ft.): Casing top depth (ft.): Well Production type: **Completion Method:** Water well additional information: State appropriation permit: Additional information attachment:

Section 6 - Construction Materials

Construction Materials description: On site caliche will be used for construction if sufficient. In the event insufficient quantities of caliche are available onsite, caliche will be trucked in from BLM's caliche pit in SWSW Section 22-T24-R34E or NENE Section 20- T23S-R33E.

Construction Materials source location attachment:

Section 7 - Methods for Handling Waste

Waste type: DRILLING

Waste content description: Drilling fluids and cuttings

Amount of waste: 3900 barrels

Waste disposal frequency : One Time Only

Safe containment description: All drilling fluids will be stored safely and disposed of properly

Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL Disposal location ownership: COMMERCIAL

FACILITY **Disposal type description:**

Disposal location description: Cuttings will be hauled to R360's facility on US 62/180 at Halfway, NM

Waste type: SEWAGE

Waste content description: Human waste and grey water

Amount of waste: 1000 gallons

Waste disposal frequency : One Time Only

Safe containment description: Waste material will be stored safely and disposed of properly

Safe containmant attachment:

Well Name: BELL LAKE UNIT SOUTH

Well Number: 204H

Waste disposal type: HAUL TO COMMERCIAL Disposal location ownership: COMMERCIAL FACILITY

Disposal type description:

Disposal location description: Trucked to an approved disposal facility

Waste type: GARBAGE

Waste content description: Miscellaneous trash

Amount of waste: 500 pounds

Waste disposal frequency : One Time Only

Safe containment description: Trash produced during drilling and completion operations will be collected in a trash container and disposed of properly **Safe containmant attachment**:

Waste disposal type: HAUL TO COMMERCIAL Disposal location ownership: COMMERCIAL FACILITY

Disposal type description:

Disposal location description: Trucked to an approved disposal facility

Reserve Pit

Reserve Pit being used? NO

Temporary disposal of produced water into reserve pit?

Reserve pit length (ft.) Reserve pit width (ft.)

Reserve pit depth (ft.)

Reserve pit volume (cu. yd.)

Is at least 50% of the reserve pit in cut?

Reserve pit liner

Reserve pit liner specifications and installation description

Cuttings Area

Cuttings Area being used? NO

Are you storing cuttings on location? YES

Description of cuttings location Cuttings will be stored in roll off bins and hauled to R360 on US 62/180 near Halfway.

Cuttings area length (ft.)

Cuttings area width (ft.)

Cuttings area depth (ft.)

Cuttings area volume (cu. yd.)

Is at least 50% of the cuttings area in cut?

WCuttings area liner

Cuttings area liner specifications and installation description

Well Number: 204H

Section 8 - Ancillary Facilities

Are you requesting any Ancillary Facilities?: NO

Ancillary Facilities attachment:

Comments:

Section 9 - Well Site Layout

Well Site Layout Diagram:

Bell_Lake_Unit_South_204H__Drilling_Layout_20180524171453.pdf Bell_Lake_Unit_South_204H_Wellsite_Layout__20180524171723.pdf Comments:

Section 10 - Plans for Surface Reclamation

Type of disturbance: New Surface Disturbance Multiple Well Pad N

Multiple Well Pad Name: SOUTH BELL LAKE UNIT

Multiple Well Pad Number: 1

Recontouring attachment:

Drainage/Erosion control construction: During construction proper erosion control methods will be used to control erosion, runoff and siltation of the surrounding area. As per request of rancher, a berm will be constructed along the east side of well pad.

Drainage/Erosion control reclamation: Proper erosion control methods will be used on the area to control erosion, runoff and siltation of the surrounding area.

Well pad proposed disturbance	Well pad interim reclamation (acres):	Well pad long term disturbance
(acres): 5.97	2.53	(acres): 3.44
Road proposed disturbance (acres):	Road interim reclamation (acres):	Road long term disturbance (acres):
0.114	0.046	0.068
Powerline proposed disturbance	Powerline interim reclamation (acres):	Powerline long term disturbance
(acres): 0	0	(acres): 0
Pipeline proposed disturbance	Pipeline interim reclamation (acres): 0	Pipeline long term disturbance
(acres): 0 Other proposed disturbance (acres): 0	Other interim reclamation (acres): 0	(acres): 0 Other long term disturbance (acres): 0
Total proposed disturbance: 6.084	Total interim reclamation: 2.576	Total long term disturbance: 3.508

Disturbance Comments: Plan to reclaim 150' on the northwest side and 100' on the southwest side of well pad.

Reconstruction method: The areas planned for interim reclamation will then be recontoured to the original contour if feasible, or if not feasible, to an interim contour that blends with the surrounding topography as much as possible. Where applicable, the fill material of the well pad will be backfilled into the cut to bring the area back to the original contour. The interim cut and fill slopes prior to re-seeding will not be steeper than a 3:1 ratio, unless the adjacent native topography is steeper. Note: Constructed slopes may be much steeper during drilling, but will be recontoured to the above ratios during interim reclamation.

Well Name: BELL LAKE UNIT SOUTH

Well Number: 204H

Topsoil redistribution: Topsoil will be evenly respread and aggressively revegetated over the entire disturbed area not needed for all-weather operations

Soil treatment: To seed the area, the proper BLM seed mixture, free of noxious weeds, will be used. Final seedbed preparation will consist of contour cultivating to a depth of 4 to 6 inches within 24 hours prior to seeding, dozer tracking, or other imprinting in order to break the soil crust and create seed germination micro-sites.

Existing Vegetation at the well pad: The historic climax plant community is a grassland dominated by black grama, dropseeds, and blue stems with sand sage and shinnery oak distributed evenly throughout. Current landscape displays mesquite, shinnery oak, yucca, desert sage, fourwing saltbush, snakeweed, and bunch grasses **Existing Vegetation at the well pad attachment:**

Existing Vegetation Community at the road: Refer to "Existing Vegetation at the well pad'

Existing Vegetation Community at the road attachment:

Existing Vegetation Community at the pipeline:

Existing Vegetation Community at the pipeline attachment:

Existing Vegetation Community at other disturbances:

Existing Vegetation Community at other disturbances attachment:

Non native seed used? NO

Non native seed description:

Seedling transplant description:

Will seedlings be transplanted for this project? NO

Seedling transplant description attachment:

Will seed be harvested for use in site reclamation? NO

Seed harvest description:

Seed harvest description attachment:

Seed Management

Seed Table

Seed type:

Seed name:

Source name:

Source phone:

Seed cultivar:

Seed use location:

Seed source:

Source address:

Operator Name: KAISER FRANCIS OIL COMPANY Well Name: BELL LAKE UNIT SOUTH

Well Number: 204H

PLS pounds per acre:

Proposed seeding season:

Seed St	Total pounds/Acre:	
Seed Type	Pounds/Acre	

Seed reclamation attachment:

Operator	Contact/Res	ponsible	Official	Contact Info
operator	OOHIGOURGS		Univia	

First Name:

Phone:

Last Name: Email:

Seedbed prep:

Seed BMP:

Seed method:

Existing invasive species? NO

Existing invasive species treatment description:

Existing invasive species treatment attachment:

Weed treatment plan description: No invasive species present. Standard regular maintenance to maintain a clear location and road.

Weed treatment plan attachment:

Monitoring plan description: Identify areas supporting weeds prior to construction; prevent the introduction and spread of weeds from construction equipment during construction; and contain weed seeds and propagules by preventing segregated topsoil from being spread to adjacent areas. No invasive species present. Standard regular maintenance to maintain a clear location and road. **Monitoring plan attachment:**

Success standards: To maintain all disturbed areas as per Gold Book standards

Pit closure description: N/A

Pit closure attachment:

Section 11 - Surface Ownership

Disturbance type: WELL PAD

Describe:

Surface Owner: STATE GOVERNMENT

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

Well Name: BELL LAKE UNIT SOUTH

Well Number: 204H

DOD Local Office:

NPS Local Office:

State Local Office: COMMISSIONER OF PUBLIC LANDS, PO BOX 1148, SANTA FE, NM 87504

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland:

USFS Ranger District:

Fee Owner Address: PO Box 795 Tatum, NM 88267

Fee Owner: Mark T. McCloy & Annette E McCloy

Phone: (432)940-4459

Email:

Surface use plan certification: NO

Surface use plan certification document:

Surface access agreement or bond: Agreement

Surface Access Agreement Need description: Surface Use and Compensation Agreement dated October 4, 2016 between Mark T McCloy and Annette E McCloy Revocable Living Trust and Kaiser-Francis Oil Company Surface Access Bond BLM or Forest Service:

BLM Surface Access Bond number:

USFS Surface access bond number:

Disturbance type: NEW ACCESS ROAD

Describe:

Surface Owner: STATE GOVERNMENT

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office: COMMISSIONER OF PUBLIC LANDS, PO BOX 1148, SANTA FE, NM 87504-1148

Military Local Office:

USFWS Local Office:

Operator Name: KAISER FRANCIS OIL COMPANY Well Name: BELL LAKE UNIT SOUTH

Well Number: 204H

Other Local Office:

USFS Region:

USFS Forest/Grassland:

USFS Ranger District:

Section 12 - Other Information

Right of Way needed? NO

ROW Type(s):

Use APD as ROW?

ROW Applications

SUPO Additional Information: SUP Attached Use a previously conducted onsite? NO Previous Onsite information:

Other SUPO Attachment

Bell_Lake_Unit_South_204H_SPCC_20180215113450.doc Bell_Lake_Unit_South_204H__SUP_20180215113958.pdf



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT 06/20/2018

Section 1 - General

Would you like to address long-term produced water disposal? NO

Section 2 - Lined Pits

Would you like to utilize Lined Pit PWD options? NO Produced Water Disposal (PWD) Location: **PWD surface owner:** Lined pit PWD on or off channel: Lined pit PWD discharge volume (bbl/day): Lined pit specifications: Pit liner description: Pit liner manufacturers information: Precipitated solids disposal: Decribe precipitated solids disposal: Precipitated solids disposal permit: Lined pit precipitated solids disposal schedule: Lined pit precipitated solids disposal schedule attachment: Lined pit reclamation description: Lined pit reclamation attachment: Leak detection system description: Leak detection system attachment: Lined pit Monitor description: Lined pit Monitor attachment: Lined pit: do you have a reclamation bond for the pit? Is the reclamation bond a rider under the BLM bond? Lined pit bond number: Lined pit bond amount: Additional bond information attachment:

PWD disturbance (acres):

Section 3 - Unlined Pits

Would you like to utilize Unlined Pit PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

Unlined pit PWD on or off channel:

Unlined pit PWD discharge volume (bbl/day):

Unlined pit specifications:

Precipitated solids disposal:

Decribe precipitated solids disposal:

Precipitated solids disposal permit:

Unlined pit precipitated solids disposal schedule:

Unlined pit precipitated solids disposal schedule attachment:

Unlined pit reclamation description:

Unlined pit reclamation attachment:

Unlined pit Monitor description:

Unlined pit Monitor attachment:

Do you propose to put the produced water to beneficial use?

Beneficial use user confirmation:

Estimated depth of the shallowest aquifer (feet):

Does the produced water have an annual average Total Dissolved Solids (TDS) concentration equal to or less than that of the existing water to be protected?

TDS lab results:

Geologic and hydrologic evidence:

State authorization:

Unlined Produced Water Pit Estimated percolation:

Unlined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Unlined pit bond number:

Unlined pit bond amount:

Additional bond information attachment:

Section 4 - Injection

Would you like to utilize Injection PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

Injection PWD discharge volume (bbl/day):

Injection well mineral owner:

PWD disturbance (acres):

PWD disturbance (acres):

Injection well type: Injection well number: Assigned injection well API number? Injection well new surface disturbance (acres): Minerals protection information: Mineral protection attachment: Underground Injection Control (UIC) Permit? UIC Permit attachment:

Section 5 - Surface Discharge

Would you like to utilize Surface Discharge PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

Surface discharge PWD discharge volume (bbl/day):

Surface Discharge NPDES Permit?

Surface Discharge NPDES Permit attachment:

Surface Discharge site facilities information:

Surface discharge site facilities map:

Section 6 - Other

Would you like to utilize Other PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

Other PWD discharge volume (bbl/day):

Other PWD type description:

Other PWD type attachment:

Have other regulatory requirements been met?

Other regulatory requirements attachment:

Injection well name:

Injection well API number:

PWD disturbance (acres):

PWD disturbance (acres):

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Agency Tracking	Phone: (303) 236-6795		
Form Name: Bu Drill (APD) Fee	reau of Land Management	(BLM) Application for Permit to	230-0793
Application Nam	ne: BLM Oil and Gas Online	e Payment	
Payment Information			
Payment Type:	Debit or credit card		
Payment Amour	nt: \$9,790.00		
Transaction Dat	e: 03/02/2018 09:09:13 AM	EST	
Payment Date: (03/02/2018		
Company: KAIS	ER-FRANCIS OIL COMPA	NY	
APD IDs: 10400	026738		
Lease Numbers	: NMLC63798		
Well Numbers: 2	204H		
		ID to complete your APD u write this number down upon	
Account Information			
Cardholder Nam	ne: GEORGE B KAISER		



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

Bond Information

Federal/Indian APD: FED

BLM Bond number: WYB000055

BIA Bond number:

Do you have a reclamation bond? NO

Is the reclamation bond a rider under the BLM bond?

Bond Info Data Report

06/20/2018

Is the reclamation bond BLM or Forest Service?

BLM reclamation bond number:

Forest Service reclamation bond number:

Forest Service reclamation bond attachment:

Reclamation bond number:

Reclamation bond amount:

Reclamation bond rider amount:

Additional reclamation bond information attachment: