

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		WELL API NO. 30-025-24335
2. Name of Operator Kaiser-Francis Oil Company		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED <input type="checkbox"/>
3. Address of Operator P.O. Box 21468, Tulsa, OK 74121		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>J</u> : <u>1,980</u> feet from the <u>South</u> line and <u>1,980</u> feet from the <u>East</u> line Section <u>31</u> Township <u>23S</u> Range <u>34E</u> NMPM County <u>Lea</u>		7. Lease Name or Unit Agreement Name Bell Lake Unit
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,513' GR		8. Well Number 12
9. OGRID Number 12361		10. Pool name or Wildcat Bell Lake (Bone Springs)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- Roll hole w/ plug mud.
- Set CIBP @ 8680', spot 25sx H on CIBP 8680'-8460' WOC 4 hrs and tag. (Bone Springs)
- Set CIBP @ 6800, spot 25sx C on CIBP 6800'-6560'. WOC 4 hrs and tag. (Cherry Canyon)
- Perf & sqz 50sx C 3700-3900' (3000' above Cherry Canyon plug).
- Perf & sqz 50sx C 1300-1500' WOC 4 hrs and tag. (top of salt)
- Perf & sqz 50sx C 1100-1300' WOC 4 hrs and tag. (8 5/8" shoe)
- Spot cement 150'-surface.
- Cut off wellhead, install marker, remediate surface as required.

4" diameter 4' tall Above Ground Marker

SEE ATTACHED CONDITIONS OF APPROVAL

Spud Date:

12/30/72

Rig Release Date:

1/25/73

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Christina Opfer

TITLE Regulatory Manager

DATE 2/14/2022

Type or print name

Christina Opfer

E-mail address ChristinaO@kfoc.net

PHONE 918-491-4468

For State Use Only

APPROVED BY:

Kerry Fortner

TITLE Compliance Officer A

DATE 2/15/22

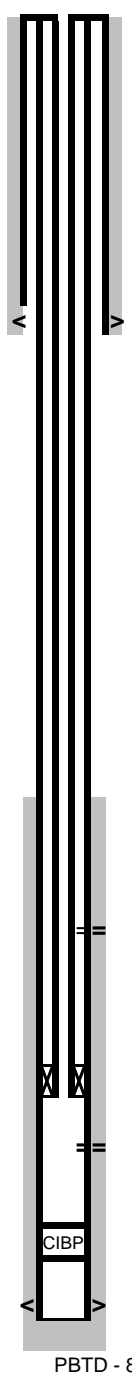
Conditions of Approval (if any):

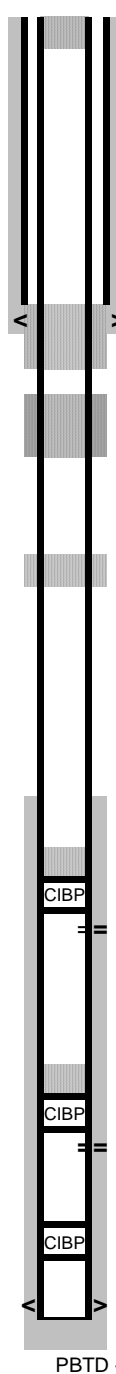
575-263-6633

Kaiser-Francis Oil Company
Bell Lake Unit 12
API #30-025-24335
Proposed Plugging Procedure

Kaiser-Francis Oil Company is submitting a Notice of Intent, form C-103F, regarding the South Bell Lake Unit 12. Below is the planned plugging procedure.

1. -Roll hole w/ plug mud.
2. -Set CIBP @ 8680', spot 25sx H on CIBP 8680'-8460' WOC 4 hrs and tag. (Bone Springs)
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6. -Perf & sqz 50sx C 1100-1300' WOC 4 hrs and tag. (8 5/8" shoe)
- P&S 7. ~~Spot~~ cement 150'-surface.
8. -Cut off wellhead, install marker, remediate surface as required.

Kaiser-Francis Oil Company		South Bell Lake 12																						
Location: Section 31-22S-34E		API: 30-025-24335																						
Field:		Spud Date:																						
County: Lea		Completed: 03/73																						
State: New Mexico		Diagram Updated: 8/28/19																						
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Kaiser-Francis Oil Company	South Bell Lake 12 P&A
Location: Section 31-23S-34E Field: Bell Lake County: Lea State: New Mexico Elevation: KB - 3623' GL - 3513'	API: 30-025-24335 Spud Date: 12/30/72 Completed: 1/28/73 Diagram Updated: 9/24/2020
 <p>Surface plug f/ 0-150'</p> <p>8-5/8" 24# @ 1230' w/ 1180 sx, circ</p> <p>Perf & sqz 50sx "C" f/ 1100'-1300'</p> <p>Top of Salt @~1440'</p> <p>Perf & sqz 50sx "C" f/ 1300'-1500'</p> <p>Perf & sqz 50sx "C" f/ 3700'-3900'</p> <p>TOC @ 5200'</p> <p>Spot 25 sx "C" from 6800'-6560'</p> <p>CIBP @ 6800'</p> <p>Cherry Canyon: 6821-40' 2 JSPF</p> <p>Spot 25 sx "H" from 8680'-8460'</p> <p>CIBP @ 8680'</p> <p>Bone Springs: 8697-8778' O/A w/ 6 holes</p> <p>CIBP pushed to 8871'</p> <p>5-1/2" 17# @ 8910' w/ 475 sx</p> <p>PBTD - 8871'</p> <p>TD - 8910'</p>	
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**CONDITIONS OF APPROVAL
FOR PLUGGING AND ABANDONMENT
OCD - Southern District**

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office I (Hobbs) at **(575)-263-6633** at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down.

Company representative will be on location during plugging procedures.

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal - commercial or private- shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
8. Produced water will not be used during any part of the plugging operation.
9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
11. Class 'C' cement will be used above 7500 feet.
12. Class 'H' cement will be used below 7500 feet.
13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.
16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).

19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
- A) Fusselman
 - B) Devonian
 - C) Morrow
 - D) Wolfcamp
 - E) Bone Springs
 - F) Delaware
 - G) Any salt sections
 - H) Abo
 - I) Glorieta
 - J) Yates.
 - K) Potash---(In the R-111-P Area (Potash Mine Area),
A solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.
21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing.

DRY HOLE MARKER REQUIREMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name
2. Lease and Well Number
3. API Number
4. Unit letter
5. Quarter Section (feet from the North, South, East or West)
6. Section, Township and Range
7. Plugging Date
8. County

SPECIAL CASES -----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

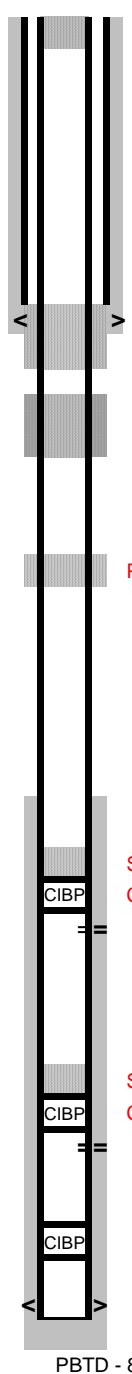
SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

Kaiser-Francis Oil Company
Bell Lake Unit 12
API #30-025-24335
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3. -Set CIBP @ 6800, spot 25sx C on CIBP 6800'-6560'. WOC 4 hrs and tag. (Cherry Canyon)
4. -Perf & sqz 50sx C 3700-3900' (3000' above Cherry Canyon plug).
5. -Perf & sqz 50sx C 1300-1500' WOC 4 hrs and tag. (top of salt)
6. -Perf & sqz 50sx C 1100-1300' WOC 4 hrs and tag. (8 5/8" shoe)
7. -Spot cement 150'-surface.
8. -Cut off wellhead, install marker, remediate surface as required.

Kaiser-Francis Oil Company		South Bell Lake 12	
Location: Section 31-22S-34E		API: 30-025-24335	
Field:		Spud Date:	
County: Lea		Completed: 03/73	
State: New Mexico		Diagram Updated: 8/28/19	
Elevation: KB - 3623' GL - 3513'			
Work History:			
		Completion - 3/73 Perf Bone Springs w/ 1 JSPF @ 8697', 8724', 55', 66' & 78' total 6 holes Acidize w/ 1200 gal 28% HCl Frac w/ 4000 gal GW, 6000 gal 28% HCl & overflush w/ 4000 gal GW IPF: 240 BO, 3 BW, 598 MCF	
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		11/99: Drill out CIBP @ 8652. Push to 8866'. Run rods and tubing to 8779'. Well commingled in Cherry Canyon and Bone Springs. 6/22/04: Tbg leak, split 256th jt, repl, PC 9/10/04: Split 257th jt, repl 9/17/04: Body brk 126th 3/4" rod (243rd from surf), pump change 1/13/05: Tbg leak, split 268th & 270th jts, PC, POL 5/05: Rod part & chemical treat well, body brk 318th rod, treat perms w/scale inhibitor, POP 6/16/05: Tbg leak, split 174th jt, chg out 8 others, chg out rods 1/17/06: Pin part 296th rod, repl pump 7/28/06: Tbg leak, found split jt, repl, test tbg in hole, busted 9 jts, repl 11/15/06: Pump change 12/5/06: Rod part, pin unscrewed 312th rod (3/4"), repl PC 7/17/07: Tbg leak, pull pump, tbg, test tbg 10/31/07: Pump repair, some bad rods & boxes 1/25/08: Tbg leak 268th jt, repl 3 jts, changed pump, POL 6/08: H/O well. Tbg leak changed 30 jts. Put guides on lower 7/8" rods on bottom and somw 3/4" rods 1/09: PC. Heavy Paraffin. 2/10: PC-Some guides came off and lodged. Had to pull tbg 3/11: PC. Hvy Paraffin. Pump plugged w/ trash. 1/12-TL: Scanned tbg: 130 Y, 55 B, 81G, 15R. Hole in top jt where wellhead slips are 7/14-RP 61st 3/4" rod. Scanned tbg OOH: 114 Y, 151 B, 11G, 2R. Replaced 5-3/4" rods and 50-3/4" and 20-7/8" boxes due to wear and pitting 2/15-Pull rods and pump. Pump had two splits. Tag PBTD @ 8860' TM. TIH w/ tbg. H/O 12/17: Pump pull rod parted on bottom pin end, RIH w/ replacement pump 3/19: Tag bottom @ 8871'. Scanned tbg, replaced 73 bad 2 7/8" jts J-55 6.5# Set 5 1/2" TA @ 6783' w/ 12,000 # tension 1/20 - Pull rods, pmp & tbg. Pmp's 10# to keep csg dead. Found sand in MA. RIH w/ MA, SN & TA on tbg, pmp'g 10#. Flow well, FCP 900#. BD, kill well, TOO H pmp'g 10#. PU Mod R pkr, TIH & set @ 6730'. Blow csg to 0#. SITP 1050#. BD, attempt to lwr pkr, would not set. Reset @ 6702'. LD rods. Flow via tbg w/ small psi & flow. Swab w/ no psi/flow. Tag TD w/ SL @ 8870', no fill. Rel pkr, pull some tbg & well flowing. TIH, set pkr @ 7020, flow well 450mcf. Rel pkr, attempt RIH, pkr kept setting. POOH pmp'g brine. PU new pkr, TIH pmp'g brine. Set pkr @ 8595'. RD & well dead. Swab w/ no psi/flow.	
		Tbg Detail (15k Ten) 211 jts 2 7/8" J-55 TAC (45K shear) @ 6783' 60 jts white band 2 7/8 6.5# J-55 1 jt PC 2 7/8" J-55 2 3/8" X 2 7/8" XO 2 3/8" SN 2 7/8" X 2 3/8" XO 2 7/8" X 4' perf sub 2 - 2 7/8" X 10' BP EOT @ 8808	
Rod Detail 7/8" EL Pony Rods 113-7/8" EL rods 220-3/4" D90 rods 12-7/8" "HD" rods 2 1 1/2" K-bars RH on-off tool spiral rod guide 2" X 1 1/4" X 24' RHBC 20-6-4 6' GA			

Kaiser-Francis Oil Company	South Bell Lake 12 P&A
Location: Section 31-23S-34E Field: Bell Lake County: Lea State: New Mexico Elevation: KB - 3623' GL - 3513'	API: 30-025-24335 Spud Date: 12/30/72 Completed: 1/28/73 Diagram Updated: 9/24/2020
 <p>Surface plug f/ 0-150'</p> <p>8-5/8" 24# @ 1230' w/ 1180 sx, circ</p> <p>Perf & sqz 50sx "C" f/ 1100'-1300' Top of Salt @~1440'</p> <p>Perf & sqz 50sx "C" f/ 1300'-1500'</p> <p>Perf & sqz 50sx "C" f/ 3700'-3900'</p> <p>TOC @ 5200'</p> <p>Spot 25 sx "C" from 6800'-6560' CIBP @ 6800'</p> <p>Cherry Canyon: 6821-40' 2 JSPF</p> <p>Spot 25 sx "H" from 8680'-8460' CIBP @ 8680'</p> <p>Bone Springs: 8697-8778' O/A w/ 6 holes</p> <p>CIBP pushed to 8871'</p> <p>5-1/2" 17# @ 8910' w/ 475 sx</p> <p>PBTD - 8871' TD - 8910'</p>	
Work History: Completion - 3/73 Perf Bone Springs w/ 1 JSPF @ 8697', 8724', 55', 66' & 78' total 6 holes Acidize w/ 1200 gal 28% HCl Frac w/ 4000 gal GW, 6000 gal 28% HCl & overflush w/ 4000 gal GW IPF: 240 BO, 3 BW, 598 MCF Recompletion in Cherry Canyon - 7/87 Set 5-1/2" Elder Sur-Drill CIBP @ 8652' w/ 10 sx cmt on top Perf Cherry Canyon 6821-40' w/ 2 JSPF Swb wtr, squeeze perms w/ 100 sx "H" cmt Re-perf 6821-40' w/ 2 JSPF Acidize w/ 2000 gal 7-1/2% NEFE & 80 balls, 4 BPM @ 1400# did not ball off Frac w/ 2000 gal GW & 10000# 20/40 sd, 8 BPM @ 1900# IPP: 6 BO & 42 BW 11/99: Drill out CIBP @ 8652. Push to 8866'. Run rods and tubing to 8779'. Well commingled in Cherry Canyon and Bone Springs. 6/22/04: Tbg leak, split 256th jt, repl, PC 9/10/04: Split 257th jt, repl 9/17/04: Body brk 126th 3/4" rod (243rd from surf), pump change 1/13/05: Tbg leak, split 268th & 270th jts, PC, POL 5/05: Rod part & chemical treat well, body brk 318th rod, treat perms w/scale inhibitor, POP 6/16/05: Tbg leak, split 174th jt, chg out 8 others, chg out rods 1/17/06: Pin part 296th rod, repl pump 7/28/06: Tbg leak, found split jt, repl, test tbg in hole, busted 9 jts, repl 11/15/06: Pump change 12/5/06: Rod part, pin unscrewed 312th rod (3/4"), repl PC 7/17/07: Tbg leak, pull pump, tbg, test tbg 10/31/07: Pump repair, some bad rods & boxes 1/25/08: Tbg leak 268th jt, repl 3 jts, changed pump, POL 6/08: H/O well. Tbg leak changed 30 jts. Put guides on lower 7/8" rods on bottom and somw 3/4" rods 1/09: PC. Heavy Paraffin. 2/10: PC-Some guides came off and lodged. Had to pull tbg 3/11: PC. Hvy Paraffin. Pump plugged w/ trash. 1/12-TL. Scanned tbg: 130 Y, 55 B, 81G, 15R. Hole in top jt where wellhead slips are 7/14-RP 61st 3/4" rod. Scanned tbg OOH: 114 Y, 151 B, 11G, 2R. Replaced 5-3/4" rods and 50-3/4" and 20-7/8" boxes due to wear and pitting 2/15-Pull rods and pump. Pump had two splits. Tag PBTD @ 8860' TM. TIH w/ tbg. H/O 12/17: Pump pull rod parted on bottom pin end, RIH w/ replacement pump 3/19: Tag bottom @ 8871'. Scanned tbg, replaced 73 bad 2 7/8" jts J-55 6.5# Set 5 1/2" TA @ 6783' w/ 12,000 # tension 1/20 - Pull rods, pmp & tbg. Pmp's 10# to keep csg dead. Found sand in MA. RIH w/ MA, SN & TA on tbg, pmp'g 10#. Flow well, FCP 900#. BD, kill well, TOOHD pmp'g 10#. PU Mod R pkr, TIH & set @ 6730'. Blow csg to 0#. SITP 1050#. BD, attempt to lwr pkr, would not set. Reset @ 6702'. LD rods. Flow via tbg w/ small psi & flow. Swab w/ no psi/flow. Tag TD w/ SL @ 8870', no fill. Rel pkr, pull some tbg & well flowing. TIH, set pkr @ 7020, flow well 450mcf. Rel pkr, attempt RIH, pkr kept setting. POOH pmp'g brine. PU new pkr, TIH pmp'g brine. Set pkr @ 8595'. RD & well dead. Swab w/ no psi/flow.	

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
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
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

CONDITIONS

Action 81229

CONDITIONS

Operator: KAISER-FRANCIS OIL CO P.O. Box 21468 Tulsa, OK 74121	OGRID: 12361
	Action Number: 81229
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached conditions of approval	2/15/2022