

Well Name: FEDERAL 30	Well Location: T19S / R33E / SEC 30 / NESW /	County or Parish/State: LEA / NM
Well Number: 02	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM073240	Unit or CA Name: FEDERAL 30	Unit or CA Number: NMNM72438
US Well Number: 3002527671	Well Status: Producing Gas Well	Operator: KAISER FRANCIS OIL COMPANY

Notice of Intent

Sundry ID: 2670780

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 05/09/2022	Time Sundry Submitted: 02:23
Date proposed operation will begin: 06/06/2022	

Procedure Description: -POOH w/ 1 ½” IJ tubing -POOH w/ 2 7/8” tubing. -Set retainer above junk @ 12,000’. Sqz 200sx Class H below retainer. Spot 30sx on top. -Circ hole w/ NM-approved plugging mud -Spot 60 sk Class H plug @ 9965’ (DV tool/Bone Spring plug) -Spot 50 sk Class H plug @ 7900’ (Delaware plug) -Cut and pull 5 ½” casing f/ ~5365’. -Spot 125sx Class C @ 5415’ (5 ½” stub plug/ 9 5/8” shoe plug). WOC & tag -Spot 150 sx Class C @ 3010’ (DV Tool/Yates plug) WOC & tag -Spot 100 sx Class C @ 1365’ -Spot 100’ Class C surface plug -Cut off wellhead below ground level and weld on marker.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

- Procedure Description
- Federal_30_2_Revised_20220509142244.pdf
 - Federal_30_2_Proposed_P_A_20220509142213.pdf

Accepted for Record Only

SUBJECT TO LIKE APPROVAL BY BLM

NMOCD 5/12/22

XF

Well Name: FEDERAL 30	Well Location: T19S / R33E / SEC 30 / NESW /	County or Parish/State: LEA / NM
Well Number: 02	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM073240	Unit or CA Name: FEDERAL 30	Unit or CA Number: NMNM72438
US Well Number: 3002527671	Well Status: Producing Gas Well	Operator: KAISER FRANCIS OIL COMPANY

Conditions of Approval

Specialist Review

FEDERAL_30_02__2667817__COA_AND_PROCEDURE_20220510095232.pdf

Operator

I certify that the foregoing is true and correct. 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 to 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 Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: CHRISTINA OPFER	Signed on: MAY 09, 2022 02:22 PM
Name: KAISER FRANCIS OIL COMPANY	
Title: Regulatory Manager	
Street Address: 6733 S YALE AVENUE	
City: TULSA	State: OK
Phone: (918) 491-4468	
Email address: CHRISTINAO@KFOC.NET	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: KEITH P IMMATTY	BLM POC Title: ENGINEER
BLM POC Phone: 5759884722	BLM POC Email Address: KIMMATTY@BLM.GOV
Disposition: Approved	Disposition Date: 05/10/2022
Signature: Keith Immatty	

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 checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		WELL API NO. 30-025-27671
2. Name of Operator Kaiser-Francis Oil Company		5. Indicate Type of Lease STATE <input 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>K</u> : <u>2310</u> feet from the <u>South</u> line and <u>1980</u> feet from the <u>West</u> line Section <u>30</u> Township <u>19S</u> Range <u>33E</u> NMPM County <u>Lea</u>		7. Lease Name or Unit Agreement Name Federal 30
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3589' GR		8. Well Number 2
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data		9. OGRID Number 12361
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"/>

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.

1. POOH w/ 1 1/2" IJ tubing
2. POOH w/ 2 7/8" tubing.
3. Set retainer above junk @ 12,000'. Sqz 200sx Class H below retainer. Spot 30sx on top.
4. Circ hole w/ NM-approved plugging mud
5. Spot 60 sk Class H plug @ 9965' (DV tool/Bone Spring plug)
6. Spot 50 sk Class H plug @ 7900' (Delaware plug)
7. Cut and pull 5 1/2" casing f/ ~5365'.
8. Spot 125sx Class C @ 5415' (5 1/2" stub plug/ 9 5/8" shoe plug). WOC & tag
9. Spot 150 sx Class C @ 3010' (DV Tool/Yates plug) WOC & tag
10. Spot 100 sx Class C @ 1365'
11. Spot 100' Class C surface plug
12. Cut off wellhead below ground level and weld on marker.

Spud Date:

12/15/1981

Rig Release Date:

3/15/1982

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 4/20/2022

Type or print name

Christina Opfer

E-mail address ChristinaO@kfoc.net

PHONE 918-491-4468

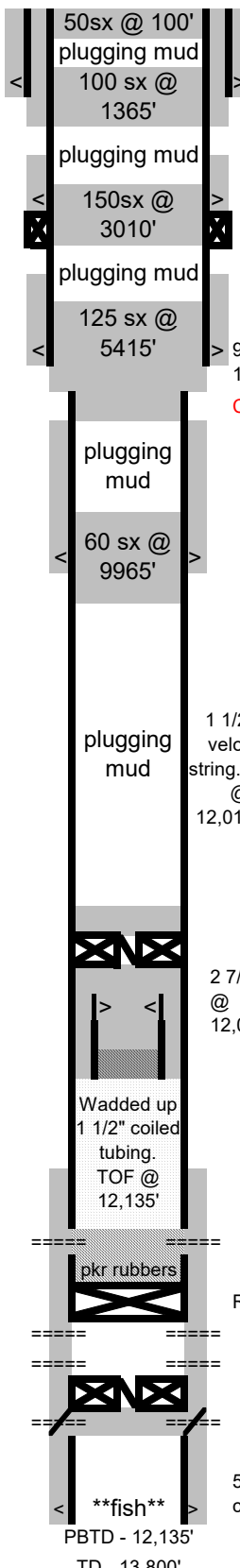
For State Use Only

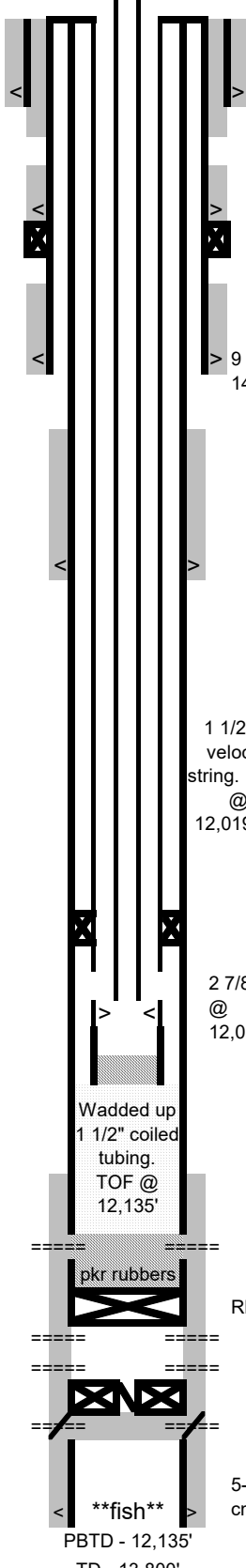
APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

Kaiser-Francis Oil Company		Federal 30-2 (Proposed P&A)	
Location:	Section 30-19S-33E	API:	30-025-27671
Field:	Gem		
County:	Lea	Spud Date:	12/18/81
State:	New Mexico	Completed:	3/82
Elevation:	KB - 3605' GL - 3589'	Diagram Updated:	4/20/22
		Work History:	
		<p>1/82-Drilled by Aminoil to TD of 13,800'.</p> <p>3/82-Perf'd Morrow: 13,425-30, 13,434-40, 13,372-83 4 SPF through tubing. Flowed 1264 mcf/d w/ 1575# FTP on 12/64" ck post perf. SI WOPL</p> <p>5/82-Ran BHP svry. SITP 3297#. 1250' oil, 3000' water. BHP 6165#. Opened well to sales, but it wouldn't flow. Swabbed and it was making large quantities of water.</p> <p>7/82-Washed over and fished packer. Perf at 13,510'. Set retainer at 13,460' couldn't pump into. D/O ret. Re-Perf'd sqz holes @ 13,510'. Set retainer at 13,13,455 and sqz'd 7.5 bbls cmt into perfs at 6600#.</p> <p>8/82- Ran RBP and pkr and attempted to Az 13,372-83'. Couldn't pump into perfs at 9500#. ***Ran correlation log and found perf depths are 37' off. Corrected perf depths are: 13,409-20, 13,462-67, 13,471-77***</p> <p>8/82-Ran pkr and RBP. Swab-tested 13,462'-77" OA. Wet. Set RBP @ 13,432'. Swab-tested 13,409-22'. Flowed dry gas. Az 13,409-22 down 2 7/8" tbg w/ 3000 gal 7.5% MSR 100 acid foamed w/ 750 scf/bbl Nitrogen + 90 BS. TP 7840-8740# @ 8.2 bpm.</p> <p>10/82-Well IP'd @ 300-350 mcf/d w/ 60-100 BWPD + condensate</p> <p>9/89-Installed 1 1/2" CT</p> <p>4/93-Az perfs: Circ 500 gal 15% NeFe down 2 7/8" tubing taking returns up 1 1/2" CT. When acid got on bottom, S/I CT and bullheaded acid into perfs 1.6 BPM @ 4000#. ISIP-4500#. Had trouble getting well back post acidizing.</p> <p>7/93-Az perfs: Circ 500 gal 15% NeFe down 1 1/2" CT to pickle tubing. Reversed acid back out of well (well circulating). Circulated 1500 gal 7.5% NeFe w/ 30% MeOH down 1 1/2" CT. Closed in 2 7/8" and bullheaded acid into perfs 0.5 BPM @ 4600#. ISIP-3800#. Had to jet well with nitrogen several times to get it producing again.</p> <p>12/04-Attempted to pull 1 1/2" CT. Parted. Left 4140' in hole.</p> <p>1/05-Attempted to remove coil by pulling 2 7/8" tbg and packer out of well. Only 304' of CT came out w/ 2 7/8". Major fishing job to remove 1 1/2" CT from well. Rec ~263' of additional coil. Eventually tried to wash over coiled tubing w/ shoe and got hung up. Coil left in well is probably wadded up and flattened. Top of coil left at 12,135'</p> <p>1/05-Installed 1 1/2" IJ velocity string inside stuck 2 7/8".</p> <p>3/15-TL. LD 372 jts 1 1/2" IJ tbg. Found holes in joints #184 and #185. Pins were eaten up throughout string. Chemical cut 2 7/8" tubing at 12,030' (tagged @ 12,040'). TIH w/ 370 jts 1 1/2" 2.76# P-110 IJ 10RD tbg.</p> <p>4/15-Opened well to sales and 1 1/2" tubing plugged up. 1 1/2", 1 1/2" X 2 7/8" and 2 7/8" X 5 1/2" would not build pressure. Slickline recovered mud/goo (analysis showed is was hydrocarbons, iron compounds and calcium scale) in 1 1/2" from 297'-couldn't go deeper. Pulled 1 1/2" and scanned 2 7/8" OOH (6 yellow, 115 blue, 256 Green, 4 red). Replaced green and red. Did not see much mud. Ran packer back on 2 7/8" to isolate any leaks (never tested backside).</p> <p>10/15-Snub in 371 jts 1.5", 2.76#, P-110 IJ10RD. Blow out disc w/ N2. EOT @ 12,019.66'</p>	
<p>50sx @ 100'</p> <p>plugging mud</p> <p>100 sx @ 1365'</p> <p>plugging mud</p> <p>150sx @ 3010'</p> <p>plugging mud</p> <p>125 sx @ 5415'</p> <p>plugging mud</p> <p>60 sx @ 9965'</p> <p>plugging mud</p> <p>1 1/2" IJ velocity string. EOT @ 12,019.66'</p> <p>30sx cmt on top Retainer @ 12,000'. Sqz'd w/ 200 sx</p> <p>2 7/8" cut @ 12,030'</p> <p>Wadded up 1 1/2" coiled tubing. TOF @ 12,135'</p> <p>pkrrubbers</p> <p>RBP @ 13,432'</p> <p>Morrow: 13,462-67'</p> <p>Morrow: 13,471-77'</p> <p>Retainer at 13,455'</p> <p>Sqz holes 13,510'. Sqz'd w/ 7.5 bbls to 6600#.</p> <p>5-1/2" 17/20# N-80 LT&C/Butt @ 13,800' cmt'd w/ 1000 sx.</p> <p>**fish**</p> <p>PBTD - 12,135'</p> <p>TD - 13,800'</p>		<p>13 3/8" 48#, H-40 @ 1315' cmt w/ 1050 sx Circ</p> <p>Original TOC @ 1350' (temp). 1" in 300sx to surf</p> <p>DV Tool @ 2910' cmt'd w/ 1425 sx (lost ret). O/H packer below.</p> <p>TOC @ 3700'</p> <p>9 5/8" 36# & 40# K-55 @ 5,315'. Cmt'd w/ 1456 sx no ret. Sqz'd shoe w/ 400 sx</p> <p>Cut & Pull 5 1/2" @ ~5365'</p> <p>TOC @ ~5600' (CBL)</p> <p>DV Tool @ 9915' cmt'd w/ 1360 sx Tool @ 9836' by WLM</p> <p>TOC 13,150' (CBL)</p> <p>Morrow: 13,409-20'</p>	
		<p>**Interval @ 9,350 w/ shows, porosity at 10,400'.</p> <p>**Interesting Wolfcamp zones @ 11,100-11,450**</p> <p><i>*Fish consists of muleshoe and mill-out ext</i></p>	

Kaiser-Francis Oil Company		Federal 30-2	
Location:	Section 30-19S-33E	API:	30-025-27671
Field:	Gem		
County:	Lea	Spud Date:	12/18/81
State:	New Mexico	Completed:	3/82
Elevation:	KB - 3605' GL - 3589'	Diagram Updated:	3/18/15
		Work History:	
		<p>1/82-Drilled by Aminoil to TD of 13,800'.</p> <p>3/82-Perf'd Morrow: 13,425-30, 13,434-40, 13,372-83 4 SPF through tubing. Flowed 1264 mcf/d w/ 1575# FTP on 12/64\" ck post perf. SI WOPL</p> <p>5/82-Ran BHP svry. SITP 3297#. 1250' oil, 3000' water. BHP 6165#. Opened well to sales, but it wouldn't flow. Swabbed and it was making large quantities of water.</p> <p>7/82-Washed over and fished packer. Perf at 13,510'. Set retainer at 13,460' couldn't pump into. D/O ret. Re-Perf'd sqz holes @ 13,510'. Set retainer at 13,13,455 and sqz'd 7.5 bbls cmt into perfs at 6600#.</p> <p>8/82- Ran RBP and pkr and attempted to Az 13,372-83'. Couldn't pump into perfs at 9500#. ***Ran correlation log and found perf depths are 37' off. Corrected perf depths are: 13,409-20, 13,462-67, 13,471-77***</p> <p>8/82-Ran pkr and RBP. Swab-tested 13,462'-77' OA. Wet. Set RBP @ 13,432'. Swab-tested 13,409-22'. Flowed dry gas. Az 13,409-22 down 2 7/8\" tbg w/ 3000 gal 7.5% MSR 100 acid foamed w/ 750 scf/bbl Nitrogen + 90 BS. TP 7840-8740# @ 8.2 bpm.</p> <p>10/82-Well IP'd @ 300-350 mcf/d w/ 60-100 BWPD + condensate</p> <p>9/89-Installed 1 1/2\" CT</p> <p>4/93-Az perfs: Circ 500 gal 15% NeFe down 2 7/8\" tubing taking returns up 1 1/2\" CT. When acid got on bottom, S/I CT and bullheaded acid into perfs 1.6 BPM @ 4000#. ISIP-4500#. Had trouble getting well back post acidizing.</p> <p>7/93-Az perfs: Circ 500 gal 15% NeFe down 1 1/2\" CT to pickle tubing. Reversed acid back out of well (well circulating). Circulated 1500 gal 7.5% NeFe w/ 30% MetOH down 1 1/2\" CT. Closed in 2 7/8\" and bullheaded acid into perfs 0.5 BPM @ 4600#. ISIP-3800#. Had to jet well with nitrogen several times to get it producing again.</p> <p>12/04-Attempted to pull 1 1/2\" CT. Parted. Left 4140' in hole.</p> <p>1/05-Attempted to remove coil by pulling 2 7/8\" tbg and packer out of well. Only 304' of CT came out w/ 2 7/8\". Major fishing job to remove 1 1/2\" CT from well. Rec ~263' of additional coil. Eventually tried to wash over coiled tubing w/ shoe and got hung up. Coil left in well is probably wadded up and flattened. Top of coil left at 12,135'</p> <p>1/05-Installed 1 1/2\" IJ velocity string inside stuck 2 7/8\".</p> <p>3/15-TL. LD 372 jts 1 1/2\" IJ tbg. Found holes in joints #184 and #185. Pins were eaten up throughout string. <u>Chemical cut 2 7/8\" tubing at 12,030' (tagged @ 12,040').</u> TIH w/ 370 jts 1 1/2\" 2.76# P-110 IJ 10RD tbg.</p> <p>4/15-Opened well to sales and 1 1/2\" tubing plugged up. 1 1/2\", 1 1/2\" X 2 7/8\" and 2 7/8\" X 5 1/2\" would not build pressure. SLickline recovered mud/goo (analysis showed is was hydrocarbons, iron compounds and calcium scale)in 1 1/2\" from 297'-couldn't go deeper. Pulled 1 1/2\" and scanned 2 7/8\" OOH (6 yellow, 115 blue, 256 Green, 4 red). Replaced green and red. Did not see much mud. Ran packer back on 2 7/8\" to isolate any leaks (never tested backside).</p> <p>10/15-Snub in 371 jts 1.5\", 2.76#, P-110 IJ10RD. Blow out disc w/ N2. EOT @ 12,019.66'</p> <p>**Interval @ 9,350 w/ shows, porosity at 10,400'.</p> <p>**Interesting Wolfcamp zones @ 11,100-11,450**</p> <p>*Fish consists of muleshoe and mill-out ext</p>	
		<p>13 3/8\" 48#, H-40 @ 1315' cmt w/ 1050 sx Circ</p> <p>Original TOC @ 1350' (temp). 1\" in 300sx to surf</p> <p>DV Tool @ 2910' cmt'd w/ 1425 sx (lost ret). O/H packer below.</p> <p>TOC @ 3700'</p> <p>9 5/8\" 36# & 40# K-55 @ 5,315'. Cmt'd w/ 1456 sx no ret. Sqz'd shoe w/ 400 sx</p> <p>TOC @ ~5600' (CBL)</p> <p>DV Tool @ 9915' cmt'd w/ 1360 sx</p> <p>Tool @ 9836' by WLM</p> <p>Tubing Detail</p> <p>369 jts 2 7/8\" 6.5# L-80</p> <p>On/Off tool w/ 2.313\" X profile</p> <p>AS-1X Pkr @ 12,004'</p> <p>6' pup</p> <p>2.313\" ID X-nipple</p> <p>6' pup</p> <p>XN</p> <p>WLREG @ 12,017'</p> <p><u>Cut @ 12,030' ~ 27' looking up</u></p> <p>bumper sub</p> <p>bit sub</p> <p>boot basket</p> <p>2 7/8\" cut XO</p> <p>bushing</p> <p>1 jt 4 1/2\" WP</p> <p>catcher sub</p> <p>1 jt 4 1/2\" WP</p> <p>catcher sub</p> <p>4 1/2\" shoe @ 12,125'</p> <p>TOC 13,150' (CBL)</p> <p>Morrow: 13,409-20'</p> <p>RBP @ 13,432'</p> <p>Morrow: 13,462-67'</p> <p>Morrow: 13,471-77'</p> <p>Retainer at 13,455'</p> <p>Sqz holes 13,510'. Sqz'd w/ 7.5 bbls to 6600#.</p> <p>5-1/2\" 17/20# N-80 LT&C/Butt @ 13,800' cmt'd w/ 1000 sx.</p> <p>**fish**</p> <p>PBTD - 12,135'</p> <p>TD - 13,800'</p>	

Kaiser-Francis Oil Company
Federal 30-2
API #30-025-27671
Proposed Plugging Procedure

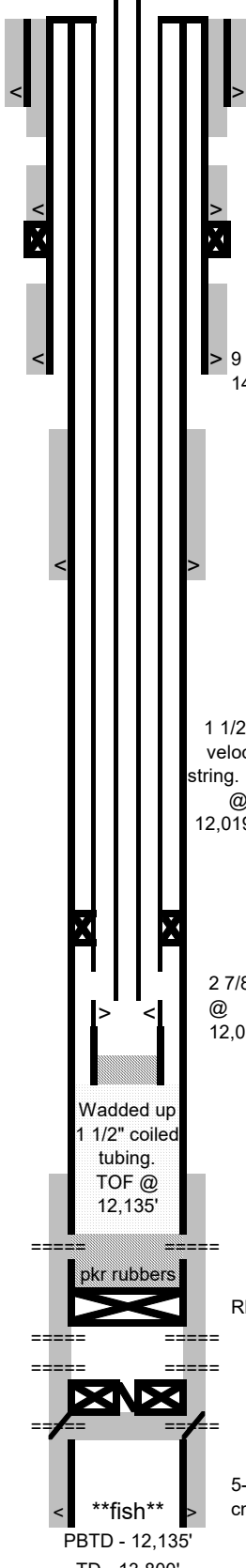
Kaiser-Francis Oil Company is submitting a Notice of Intent, form C-103F, regarding the Federal 30-2. The Bone Spring, Delaware and Yates/7 Rivers are productive in the area. Below is the planned plugging procedure to isolate them.

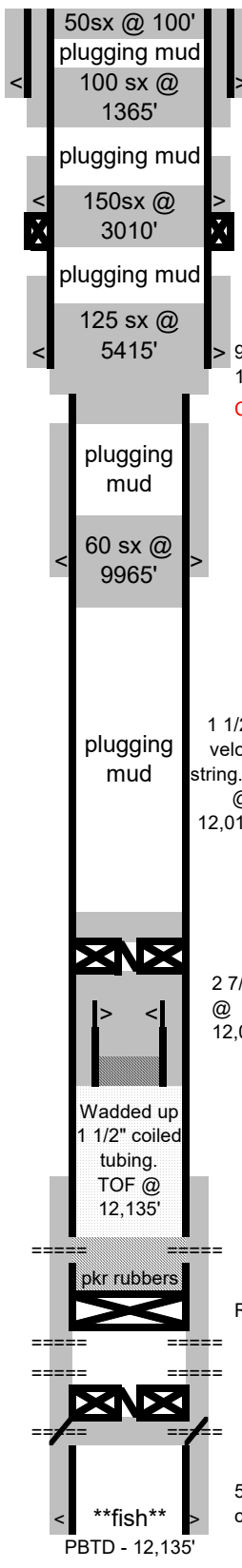
1. POOH w/ 1 ½" IJ tubing
2. POOH w/ 2 7/8" tubing.
3. Set retainer above junk @ 12,000'. Sqz 200sx Class H below retainer. Spot 30sx on top.
4. Circ hole w/ NM-approved plugging mud
5. Spot 60 sk Class H plug @ 9965' (**DV tool/Bone Spring plug**)
6. Spot 50 sk Class H plug @ 7900' (**Delaware plug**)
7. Cut and pull 5 ½" casing f/ ~5365'.
8. Spot 125sx Class C @ 5415' (5 ½" stub plug/ 9 5/8" shoe plug). WOC & tag
9. Spot 150 sx Class C @ 3010' (**DV Tool/Yates plug**) WOC & tag
10. Spot 100 sx Class C @ 1365'
11. Spot 100' Class C surface plug
12. Cut off wellhead below ground level and weld on marker.

Kaiser-Francis Oil Company
Federal 30-2
API #30-025-27671
Proposed Plugging Procedure

Kaiser-Francis Oil Company is submitting a Notice of Intent, form C-103F, regarding the Federal 30-2. The Bone Spring, Delaware and Yates/7 Rivers are productive in the area. Below is the planned plugging procedure to isolate them.

1. POOH w/ 1 ½" IJ tubing
2. POOH w/ 2 7/8" tubing.
3. Set retainer above junk @ 12,000'. Sqz 200sx Class H below retainer. Spot 30sx on top.
4. Circ hole w/ NM-approved plugging mud
5. Spot 60 sk Class H plug @ 9965' (**DV tool/Bone Spring plug**)
6. Spot 50 sk Class H plug @ 7900' (**Delaware plug**)
7. Cut and pull 5 ½" casing f/ ~5365'.
8. Spot 125sx Class C @ 5415' (5 ½" stub plug/ 9 5/8" shoe plug). WOC & tag
9. Spot 150 sx Class C @ 3010' (**DV Tool/Yates plug**) WOC & tag
10. Spot 100 sx Class C @ 1365'
11. Spot 100' Class C surface plug
12. Cut off wellhead below ground level and weld on marker.

Kaiser-Francis Oil Company		Federal 30-2	
Location:	Section 30-19S-33E	API:	30-025-27671
Field:	Gem		
County:	Lea	Spud Date:	12/18/81
State:	New Mexico	Completed:	3/82
Elevation:	KB - 3605' GL - 3589'	Diagram Updated:	3/18/15
		Work History:	
		<p>1/82-Drilled by Aminoil to TD of 13,800'.</p> <p>3/82-Perf'd Morrow: 13,425-30, 13,434-40, 13,372-83 4 SPF through tubing. Flowed 1264 mcf/d w/ 1575# FTP on 12/64" ck post perf. SI WOPL</p> <p>5/82-Ran BHP svry. SITP 3297#. 1250' oil, 3000' water. BHP 6165#. Opened well to sales, but it wouldn't flow. Swabbed and it was making large quantities of water.</p> <p>7/82-Washed over and fished packer. Perf at 13,510'. Set retainer at 13,460' couldn't pump into. D/O ret. Re-Perf'd sqz holes @ 13,510'. Set retainer at 13,13,455 and sqz'd 7.5 bbls cmt into perfs at 6600#.</p> <p>8/82- Ran RBP and pkr and attempted to Az 13,372-83'. Couldn't pump into perfs at 9500#. ***Ran correlation log and found perf depths are 37' off. Corrected perf depths are: 13,409-20, 13,462-67, 13,471-77***</p> <p>8/82-Ran pkr and RBP. Swab-tested 13,462'-77' OA. Wet. Set RBP @ 13,432'. Swab-tested 13,409-22'. Flowed dry gas. Az 13,409-22 down 2 7/8" tbg w/ 3000 gal 7.5% MSR 100 acid foamed w/ 750 scf/bbl Nitrogen + 90 BS. TP 7840-8740# @ 8.2 bpm.</p> <p>10/82-Well IP'd @ 300-350 mcf/d w/ 60-100 BWPD + condensate</p> <p>9/89-Installed 1 1/2" CT</p> <p>4/93-Az perfs: Circ 500 gal 15% NeFe down 2 7/8" tubing taking returns up 1 1/2" CT. When acid got on bottom, S/I CT and bullheaded acid into perfs 1.6 BPM @ 4000#. ISIP-4500#. Had trouble getting well back post acidizing.</p> <p>7/93-Az perfs: Circ 500 gal 15% NeFe down 1 1/2" CT to pickle tubing. Reversed acid back out of well (well circulating). Circulated 1500 gal 7.5% NeFe w/ 30% MetOH down 1 1/2" CT. Closed in 2 7/8" and bullheaded acid into perfs 0.5 BPM @ 4600#. ISIP-3800#. Had to jet well with nitrogen several times to get it producing again.</p> <p>12/04-Attempted to pull 1 1/2" CT. Parted. Left 4140' in hole.</p> <p>1/05-Attempted to remove coil by pulling 2 7/8" tbg and packer out of well. Only 304' of CT came out w/ 2 7/8". Major fishing job to remove 1 1/2" CT from well. Rec ~263' of additional coil. Eventually tried to wash over coiled tubing w/ shoe and got hung up. Coil left in well is probably wadded up and flattened. Top of coil left at 12,135'</p> <p>1/05-Installed 1 1/2" IJ velocity string inside stuck 2 7/8".</p> <p>3/15-TL. LD 372 jts 1 1/2" IJ tbg. Found holes in joints #184 and #185. Pins were eaten up throughout string. Chemical cut 2 7/8" tubing at 12,030' (tagged @ 12,040'). TIH w/ 370 jts 1 1/2" 2.76# P-110 IJ 10RD tbg.</p> <p>4/15-Opened well to sales and 1 1/2" tubing plugged up. 1 1/2", 1 1/2" X 2 7/8" and 2 7/8" X 5 1/2" would not build pressure. SLickline recovered mud/goo (analysis showed is was hydrocarbons, iron compounds and calcium scale)in 1 1/2" from 297'-couldn't go deeper. Pulled 1 1/2" and scanned 2 7/8" OOH (6 yellow, 115 blue, 256 Green, 4 red). Replaced green and red. Did not see much mud. Ran packer back on 2 7/8" to isolate any leaks (never tested backside).</p> <p>10/15-Snub in 371 jts 1.5", 2.76#, P-110 IJ10RD. Blow out disc w/ N2. EOT @ 12,019.66'</p>	
		<p>13 3/8" 48#, H-40 @ 1315' cmt w/ 1050 sx Circ</p> <p>Original TOC @ 1350' (temp). 1" in 300sx to surf</p> <p>DV Tool @ 2910' cmt'd w/ 1425 sx (lost ret). O/H packer below.</p> <p>TOC @ 3700'</p> <p>9 5/8" 36# & 40# K-55 @ 5,315'. Cmt'd w/ 1456 sx no ret. Sqz'd shoe w/ 400 sx</p> <p>TOC @ ~5600' (CBL)</p> <p>DV Tool @ 9915' cmt'd w/ 1360 sx</p> <p>Tool @ 9836' by WLM</p>	
		<p>Tubing Detail</p> <p>369 jts 2 7/8" 6.5# L-80</p> <p>On/Off tool w/ 2.313" X profile</p> <p>AS-1X Pkr @ 12,004'</p> <p>6' pup</p> <p>2.313" ID X-nipple</p> <p>6' pup</p> <p>XN</p> <p>WLREG @ 12,017'</p> <p>Cut @ 12,030' ~ 27' looking up</p> <p>bumper sub</p> <p>bit sub</p> <p>boot basket</p> <p>2 7/8" cut XO</p> <p>bushing</p> <p>1 jt 4 1/2" WP</p> <p>catcher sub</p> <p>1 jt 4 1/2" WP</p> <p>catcher sub</p> <p>4 1/2" shoe @ 12,125'</p>	
		<p>1 1/2" IJ velocity string. EOT @ 12,019.66'</p> <p>Wadded up 1 1/2" coiled tubing. TOF @ 12,135'</p> <p>pkrrubbers</p> <p>RBP @ 13,432'</p> <p>Morrow: 13,462-67'</p> <p>Morrow: 13,471-77'</p> <p>Retainer at 13,455'</p> <p>Sqz holes 13,510'. Sqz'd w/ 7.5 bbls to 6600#.</p> <p>5-1/2" 17/20# N-80 LT&C/Butt @ 13,800' cmt'd w/ 1000 sx.</p> <p>**fish**</p> <p>PBTD - 12,135'</p> <p>TD - 13,800'</p>	
		<p>**Interval @ 9,350 w/ shows, porosity at 10,400'.</p> <p>**Interesting Wolfcamp zones @ 11,100-11,450**</p> <p><i>*Fish consists of muleshoe and mill-out ext</i></p>	

Kaiser-Francis Oil Company		Federal 30-2 (Proposed P&A)	
Location:	Section 30-19S-33E	API:	30-025-27671
Field:	Gem		
County:	Lea	Spud Date:	12/18/81
State:	New Mexico	Completed:	3/82
Elevation:	KB - 3605' GL - 3589'	Diagram Updated:	4/20/22
		Work History:	
		<p>1/82-Drilled by Aminoil to TD of 13,800'.</p> <p>3/82-Perf'd Morrow: 13,425-30, 13,434-40, 13,372-83 4 SPF through tubing. Flowed 1264 mcf/d w/ 1575# FTP on 12/64\" ck post perf. SI WOPL</p> <p>5/82-Ran BHP svry. SITP 3297#. 1250' oil, 3000' water. BHP 6165#. Opened well to sales, but it wouldn't flow. Swabbed and it was making large quantities of water.</p> <p>7/82-Washed over and fished packer. Perf at 13,510'. Set retainer at 13,460' couldn't pump into. D/O ret. Re-Perf'd sqz holes @ 13,510'. Set retainer at 13,13,455 and sqz'd 7.5 bbls cmt into perfs at 6600#.</p> <p>8/82- Ran RBP and pkr and attempted to Az 13,372-83'. Couldn't pump into perfs at 9500#. <u>***Ran correlation log and found perf depths are 37' off. Corrected perf depths are: 13,409-20, 13,462-67, 13,471-77***</u></p> <p>8/82-Ran pkr and RBP. Swab-tested 13,462'-77' OA. Wet. Set RBP @ 13,432'. Swab-tested 13,409-22'. Flowed dry gas. Az 13,409-22 down 2 7/8\" tbg w/ 3000 gal 7.5% MSR 100 acid foamed w/ 750 scf/bbl Nitrogen + 90 BS. TP 7840-8740# @ 8.2 bpm.</p> <p>10/82-Well IP'd @ 300-350 mcf/d w/ 60-100 BWPD + condensate</p> <p>9/89-Installed 1 1/2\" CT</p> <p>4/93-Az perfs: Circ 500 gal 15% NeFe down 2 7/8\" tubing taking returns up 1 1/2\" CT. When acid got on bottom, S/I CT and bullheaded acid into perfs 1.6 BPM @ 4000#. ISIP-4500#. Had trouble getting well back post acidizing.</p> <p>7/93-Az perfs: Circ 500 gal 15% NeFe down 1 1/2\" CT to pickle tubing. Reversed acid back out of well (well circulating). Circulated 1500 gal 7.5% NeFe w/ 30% MeOH down 1 1/2\" CT. Closed in 2 7/8\" and bullheaded acid into perfs 0.5 BPM @ 4600#. ISIP-3800#. Had to jet well with nitorgen several times to get it producing again.</p> <p>12/04-Attempted to pull 1 1/2\" CT. Parted. Left 4140' in hole.</p> <p>1/05-Attempted to remove coil by pulling 2 7/8\" tbg and packer out of well. Only 304' of CT came out w/ 2 7/8\". Major fishing job to remove 1 1/2\" CT from well. Rec ~263' of additional coil. Eventually tried to wash over coiled tubing w/ shoe and got hung up. Coil left in well is probably wadded up and flattened. Top of coil left at 12,135'</p> <p>1/05-Installed 1 1/2\" IJ velocity string inside stuck 2 7/8\".</p> <p>3/15-TL. LD 372 jts 1 1/2\" IJ tbg. Found holes in joints #184 and #185. Pins were eaten up throughout string. <u>Chemical cut 2 7/8\" tubing at 12,030' (tagged @ 12,040').</u> TIH w/ 370 jts 1 1/2\" 2.76# P-110 IJ 10RD tbg.</p> <p>4/15-Opened well to sales and 1 1/2\" tubing plugged up. 1 1/2\", 1 1/2\" X 2 7/8\" and 2 7/8\" X 5 1/2\" would not build pressure. Slickline recovered mud/goo (analysis showed is was hydrocarbons, iron compounds and calcium scale)in 1 1/2\" from 297'-couldn't go deeper. Pulled 1 1/2\" and scanned 2 7/8\" OOH (6 yellow, 115 blue, 256 Green, 4 red). Replaced green and red. Did not see much mud. Ran packer back on 2 7/8\" to isolate any leaks (never tested backside).</p> <p>10/15-Snub in 371 jts 1.5\", 2.76#, P-110 IJ10RD. Blow out disc w/ N2. EOT @ 12,019.66'</p>	
<p>50sx @ 100'</p> <p>plugging mud</p> <p>100 sx @ 1365'</p> <p>plugging mud</p> <p>150sx @ 3010'</p> <p>plugging mud</p> <p>125 sx @ 5415'</p> <p>plugging mud</p> <p>60 sx @ 9965'</p> <p>plugging mud</p> <p>1 1/2\" IJ velocity string. EOT @ 12,019.66'</p> <p>30sx cmt on top Retainer @ 12,000'. Sqz'd w/ 200 sx</p> <p>2 7/8\" cut @ 12,030'</p> <p>Wadded up 1 1/2\" coiled tubing. TOF @ 12,135'</p> <p>pkrrubbers</p> <p>RBP @ 13,432'</p> <p>Morrow: 13,462-67'</p> <p>Morrow: 13,471-77'</p> <p>Retainer at 13,455'</p> <p>Sqz holes 13,510'. Sqz'd w/ 7.5 bbls to 6600#.</p> <p>5-1/2\" 17/20# N-80 LT&C/Butt @ 13,800' cmt'd w/ 1000 sx.</p> <p>PBTD - 12,135'</p> <p>TD - 13,800'</p>		<p>**Interval @ 9,350 w/ shows, porosity at 10,400'.</p> <p>**Interesting Wolfcamp zones @ 11,100-11,450**</p> <p><i>*Fish consists of muleshoe and mill-out ext</i></p>	

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

COMMENTS

Action 100240

COMMENTS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID: 12361
	Action Number: 100240
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	5/12/2022

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 100240

CONDITIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID: 12361
	Action Number: 100240
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Like approval from BLM	5/12/2022