

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		WELL API NO. 30-015-26279
2. Name of Operator Kaiser-Francis Oil Company		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED
3. Address of Operator P.O. Box 21468, Tulsa, OK 74121		6. State Oil & Gas Lease No. L-5364
4. Well Location Unit Letter <u>J</u> : <u>2,130</u> feet from the <u>South</u> line and <u>1,650</u> feet from the <u>East</u> line Section <u>2</u> Township <u>24S</u> Range <u>28E</u> NMPM County <u>Lea</u>		7. Lease Name or Unit Agreement Name Malaga 2 State Com
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2,974.4' GR		8. Well Number #1
9. OGRID Number 12361		10. Pool name or Wildcat Malaga (Atoka)

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <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"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/> CHANGE PLANS <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> P AND A <input type="checkbox"/>	Notify OCD 24 hrs. prior to any work done
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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.

Proposed Procedure:

Set CIBP @ 11700' - Dump Bail 35' cmt on plug - WOC & tag

- Set 4-1/2" CIBP @ 11,492'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 11,492'-11,392'. WOC & Tag
- Perf & Sqz 70 sx cmt @ 10,580'-10,121'. WOC & Tag (7" Shoe & Top of 4-1/2" Liner)
- Spot 25 sx cmt @ 6,350-6,250'. (Bone Springs) Spot 25 sx cl C cmt 7400' - spacer
- Spot 25 sx cmt @ 4,795-4,690'. (Brushy) Spot 25 sx cmt 3600' - T. of Cherry Canyon
- Perf & Sqz 50 sx cmt @ 2,595-2,495'. WOC & Tag (9-5/8" Shoe)
- Perf & Sqz 50 sx cmt @ 1,920-1,820'. WOC & Tag (B/Salt)
- Perf & Sqz 50 sx cmt @ 1,160-1,060'. WOC & Tag (T/Salt)
- Perf & Sqz 240 sx @ 682' to surface. (13-5/8" Shoe)
- Cut off well head, verify cmt @ surface, weld on Dry Hole Maker

Spud Date:

1/31/90

Rig Release Date:

3/26/90

****SEE ATTACHED COA's****

Must be plugged by 1/26/2023

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 1/12/2022

Type or print name

Christina Opfer

E-mail address ChristinaO@kfoc.net

PHONE 918-491-4468

For State Use Only

APPROVED BY: 

TITLE Staff Manager

DATE 1/26/2022

Conditions of Approval (if any):

CONDITIONS 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 II at (575)-748-1283 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 (Page 3 & 4), 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

R-111-P Area

T 18S – R 30E

Sec 10 Unit P. Sec 11 Unit M,N. Sec 13 Unit L,M,N. Sec 14 Unit C -P. Sec 15 Unit A G,H,I,J,K,N,O,P. Sec 22 Unit All except for M. Sec 23, Sec 24 Unit C,D,E,L, Sec 26 Unit A-G, Sec 27 Unit A,B,C

T 19S – R 29E

Sec 11 Unit P. Sec 12 Unit H-P. Sec 13. Sec 14 Unit A,B,F-P. Sec 15 Unit P. Sec 22 Unit A,B,C,F,G,H,I,J K,N,O,P. Sec 23. Sec 24. Sec 25 Unit D. Sec 26 Unit A- F. Sec 27 Unit A,B,C,F,G,H.

T 19S – R 30E

Sec 2 Unit K,L,M,N. Sec 3 Unit I,L,M,N,O,P. Sec 4 Unit C,D,E,F,G,I-P. Sec 5 Unit A,B,C,E-P. Sec 6 Unit I,O,P. Sec 7 – Sec 10. Sec 11 Unit D, G—P. Sec 12 Unit A,B,E-P. Sec 13 Unit A-O. Sec 14-Sec 18. Sec 19 Unit A-L, P. Sec 20 – Sec 23. Sec 24 Unit C,D,E,F,L,M,N. Sec 25 Unit D. Sec 26 Unit A-G, I-P. Sec 27, Sec 28, Sec 29 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 32 Unit A,B,G,H,I,J,N,O,P. Sec 33. Sec 34. Sec 35. Sec 36 Unit D,E,F,I-P.

T 19S – R 31E

Sec 7 Unit C,D,E,F,L. Sec 18 Unit C,D,E,F,G,K,L. Sec 31 Unit M. Sec 34 Unit P. Sec 35 Unit M,N,O. Sec 36 Unit O,P.

T 20S – R 29E

Sec 1 Unit H,I,P. Sec 13 Unit E,L,M,N. Sec 14 Unit B-P. Sec 15 Unit A,H,I,J,N,O,P. Sec 22 Unit A,B,C,F,G,H,I,J,O,P. Sec 23. Sec 24 Unit C,D,E,F,G,J-P. Sec 25 Unit A-O. Sec 26. Sec 27 Unit A,B,G,H,I,J,O,P. Sec 34 Unit A,B,G,H. Sec 35 Unit A-H. Sec 36 Unit B-G.

T 20S – R 30E

Sec 1 – Sec 4. Sec 5 Unit A,B,C,E-P. Sec 6 Unit E,G-P. Sec 7 Unit A-H,I,J,O,P. Sec 8 – 17. Sec 18 Unit A,B,G,H,I,J,O,P. Sec 19 Unit A,B,G,H,I,J,O,P. Sec 20 – 29. Sec 30 Unit A-L,N,O,P. Sec 31 Unit A,B,G,H,I,P. Sec 32 – Sec 36.

T 20S – R 31E

Sec 1 Unit A,B,C,E-P. Sec 2. Sec 3 Unit A,B,G,H,I,J,O,P. Sec 6 Unit D,E,F,J-P. Sec 7. Sec 8 Unit E-P. Sec 9 Unit E,F,J-P. Sec 10 Unit A,B,G-P. Sec 11 – Sec 36.

T 21S – R 29E

Sec 1 – Sec 3. Sec 4 Unit L1 – L16,I,J,K,O,P. Sec 5 Unit L1. Sec 10 Unit A,B,H,P. Sec 11 – Sec 14. Sec 15 Unit A,H,I. Sec 23 Unit A,B. Sec 24 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 25 Unit A,O,P. Sec 35 Unit G,H,I,J,K,N,O,P. Sec 36 A,B,C,F – P.

T 21S – R 30E

Sec 1 – Sec 36

T 21S – R 31E

Sec 1 – Sec 36

T 22S – R 28E

Sec 36 Unit A,H,I,P.

T 22S – R 29E

Sec 1. Sec2. Sec 3 Unit I,J,N,O,P. Sec 9 Unit G – P. Sec 10 – Sec 16. Sec 19 Unit H,I,J. Sec 20 – Sec 28. Sec 29 Unit A,B,C,D,G,H,I,J,O,P. Sec 30 Unit A. Section 31 Unit C – P. Sec 32 – Sec 36

T 22S – R 30E

Sec 1 – Sec 36

T 22S – R 31E

Sec 1 – Sec 11. Sec 12 Unit B,C,D,E,F,L. Sec 13 Unit E,F,K,L,M,N. Sec 14 – Sec 23. Sec 24 Unit C,D,E,F,K,L,M,N. Sec 25 Unit A,B,C,D. Sec 26 Unit A,BC,D,G,H. Sec 27 – Sec 34.

T 23S – R 28E

Sec 1 Unit A

T 23S – R 29E

Sec 1 – Sec 5. Sec 6 Unit A – I, N,O,P. Sec 7 Unit A,B,C,G,H,I,P. Sec 8 Unit A – L, N,O,P. Sec 9 – Sec 16. Sec 17 Unit A,B,G,H,I,P. Sec 21 – Sec 23. Sec 24 Unit A – N. Sec 25 Unit D,E,L. Sec 26. Sec 27. Sec 28 Unit A – J, N,O,P. Sec 33 Unit A,B,C. Sec 34 Unit A,B,C,D,F,G,H. Sec 35. Sec 36 Unit B,C,D,E,F,G,K,L.

T 23S – R 30E

Sec 1 – Sec 18. Sec 19 Unit A – I,N,O,P. Sec 20, Sec 21. Sec 22 Unit A – N, P. Sec 23, Sec 24, Sec 25. Sec 26 Unit A,B,F-P. Sec 27 Unit C,D,E,I,N,O,P. Sec 28 Unit A – H, K,L,M,N. Sec 29 Unit A – J, O,P. Sec 30 Unit A,B. Sec 32 A,B. Sec 33 Unit C,D,H,I,O,P. Sec 34, Sec 35, Sec 36.

T 23S – R 31E

Sec 2 Unit D,E,J,O. Sec 3 – Sec 7. Sec 8 Unit A – G, K – N. Sec 9 Unit A,B,C,D. Sec 10 Unit D,P. Sec 11 Unit G,H,I,J,M,N,O,P. Sec 12 Unit E,L,K,M,N. Sec 13 Unit C,D,E,F,G,J,K,L,M,N,O. Sec 14. Sec 15 Unit A,B,E – P. Sec 16 Unit I, K – P. Sec 17 Unit B,C,D,E, I – P. Sec 18 – Sec 23. Sec 24 Unit B – G, K,L,M,N. Sec 25 Unit B – G, J,K,L. Sec 26 – Sec 34. Sec 35 Unit C,D,E.

T 24S – R 29E

Sec 2 Unit A, B, C, D. Sec 3 Unit A

T 24S – R 30E

Sec 1 Unit A – H, J – N. Sec 2, Sec 3. Sec 4 Unit A,B,F – K, M,N,O,P. Sec 9 Unit A – L. Sec 10 Unit A – L, O,P. Sec 11. Sec 12 Unit D,E,L. Sec 14 Unit B – G. Sec 15 Unit A,B,G,H.

T 24S – R 31E

Sec 3 Unit B – G, J – O. Sec 4. Sec 5 Unit A – L, P. Sec 6 Unit A – L. Sec 9 Unit A – J, O,P. Sec 10 Unit B – G, K – N. Sec 35 Unit E – P. Sec 36 Unit E,K,L,M,N.

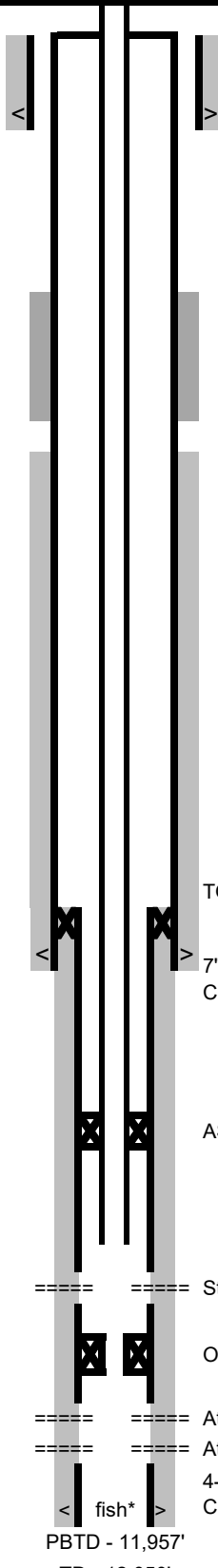
T 25S – R 31E

Sec 1 Unit C,D,E,F. Sec 2 Unit A – H.

Kaiser-Francis Oil Company
Malaga 2 State #1
API #30-015-26279
Proposed Plugging Procedure

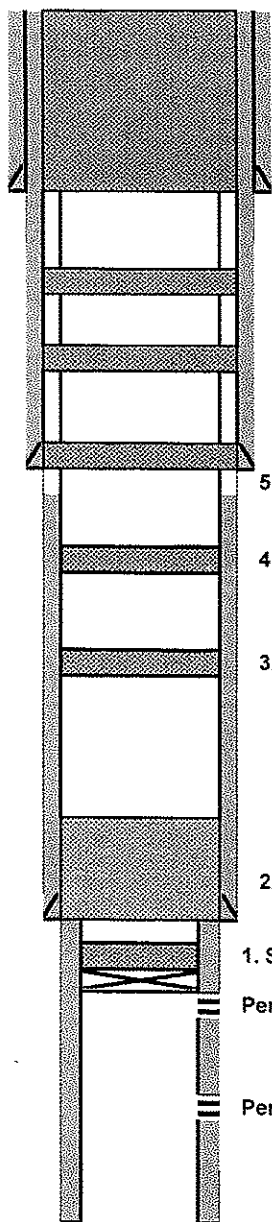
Kaiser-Francis Oil Company is submitting a Notice of Intent, form C-103F, regarding the Malaga 2 State #1. Below is the planned plugging procedure.

1. Set 4-1/2" CIBP @ 11,492'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 11,492'-11,392'.
2. Perf & Sqz 70 sx cmt @ 10,580'-10,121'. WOC & Tag (7" Shoe & Top of 4-1/2" Liner)
3. Spot 25 sx cmt @ 6,350-6,250'. (Bone Springs)
4. Spot 25 sx cmt @ 4,795-4,690'. (Brushy)
5. Perf & Sqz 50 sx cmt @ 2,595-2,495'. WOC & Tag (9-5/8" Shoe)
6. Perf & Sqz 50 sx cmt @ 1,920-1,820'. WOC & Tag (B/Salt)
7. Perf & Sqz 50 sx cmt @ 1,160-1,060'. WOC & Tag (T/Salt)
8. Perf & Sqz 240 sx @ 682' to surface. (13-5/8" Shoe)
9. Cut off well head, verify cmt @ surface, weld on Dry Hole Maker

Kaiser-Francis Oil Company		Malaga #2 State #1	
Location:	Section 2-24S-28E	API:	30-015-26279
Field:	Malaga	Spud Date:	1/31/90
County:	Eddy	Completed:	4/90
State:	New Mexico	Diagram Updated:	7/17/13
Elevation:	KB - 2996.4' GL - 2974.4'	Work History:	
 <p>< 13 3/8" 40#, WC-40 @ 629' cmt w/ 775 sx Class C + add. Circ</p> <p>TOC @ 2570' (temp log)</p> <p>Original TOC @ 5900' (temp log)</p> <p>TOL 10,171'</p> <p>7" 26# P-110, S-95 and N-80 csg @ 10,530'. Cmt'd w/ 1025 sx 50/50 Poz A + add.</p> <p>AS-1X pkr @ 11,196'</p> <p>Strawn perms 11,542'-550'</p> <p>Otis (BWB??) Packer @ 11,655'</p> <p>Atoka perms 11,769-73</p> <p>Atoka perms 11,826-36</p> <p>4-1/2" 15.1# P-110 LT&C @ 10,171'-12,050'. Cmt'd w/ 260 sx Class H + add.</p> <p>PBTD - 11,957'</p> <p>TD - 12,050'</p>		<p>3/90- Drilled by EOG to 12,050'. Shows: 5899-5943', 6078-6140'. Drilling breaks: 11,070'-74, 11,138-191, 226-28, 237-43, 305-13, 470-80. Took kick at 11,552'. Rasied MW to 12.6# f/ 10# to control. Drilling break f/ 11,939-45'. Deviation was pretty mild (up to 2.25).</p> <p>3/90- Hit TOC on liner at 9773'. Drilled out to top of line at 10,171. Dressed off PBR.</p> <p>3/90- Set Otis packer at 11,655' and Perf'd Atoka through tubing 11,769-73' 4 SPF w/ 10# brine in the hole. Press went f/ 2200-3500#. Perf'd Atoka 11,826-36 4 SPF. Press stayed at 3500#.</p> <p>3/90- Az Atoka 11,769-835' OA dwn tbq w/ 2550 gal Mod-101 acid + Clay-Sta, Lo surf and other add and 50 gal Mu-Sol + 68 ball sealers. Broke 4 BPM at 9780#. AP-7950, AR-5.9 ISIP-4600, 15-3740# fair ball action.</p> <p>4/90-Atoka IP 5.1 MMcf/d + 1 BWPD on 13/64" ck w/ 2606# FTP</p> <p>4/90-S/I 12 days and ran BHP on Atoka: 4534# @ 11,835'</p> <p>4/90-Swapped tubing spools to accommodate dual tubing string hanger. Tied onto 7" X 9 5/8" annulus: pumped 740 sx silicate cement (11.5#, 2.3 yield) displaced w/ 50 bbls fresh water. Final pressure 0#. Test annulus to 500#. Ran temp srvy, TOC at 2570'.</p> <p>4/90-Perf'd Strawn: 11,542-550' 4 SPF. Ran dual strings of 2 3/8" tubing (dual pkr at 10,164'). Strawn IP'd 7.2 MMcf/d @ 2800# without stim.</p> <p>1/96-Production commingled?? No workover records. May have acidized both zones as well.</p> <p>3/00-Pulled/fished tubing. Milled over and fished dual pkr at 10,164. Pulled SA out of lower Otis packer and tried to mill over. Tried to fish and then mill up packer-no luck. Tried to shoot off tail-pipe on Otis packer without success. Milled on XO below seal bore and tail pipe dropped to bottom.</p> <p>3/00-Ran tubing, rods and pump. Well producing 150 mcf/d + 2 BWPD.</p> <p>10/03-Suspect casing leak. Tested f/ 10,121 to surface to 1000#-ok. Neg test-no entry. Tested liner top-may be leaking (or RBP). Ran casing scraper to 11,499'. Ran 2 3/8" tubing and packer. Az both zones w/ 10,133 scf N2, 210 gal 7.5% NeFe, 30 gal MetOH, 61759 gal N2, flush w/ N2. AIR-0.5 bpm, ATP-3300#. Well wouldn't maintain flow.</p> <p>1/04-Swabbed. IFL-11,000. Rec 5 BW. Changed compressor-150 mcf/d</p> <p>8/04-Swabbed-No FL. Rec 1/2 BW.</p> <p>4/05-Raised tubing 9 jts. EOT @ 11,505'. Pkr 11,196'</p> <p>9/05-Swabbed-no fluid recovery.</p> <p>11/09-Tag TD w/ 1 1/4" GR @ 11,852'. Hung in tbq coming out and lost tool in hole(?). Ran BHP srvy. BHP-493# @ 11,450' Temp 188F. No fluid.</p>	
		<p>Tubing Detail</p> <p>177 jts 2 3/8", N-80</p> <p>183 jts 2 3/8" N-80 w/ S/H couplings</p> <p>SN</p> <p>XO</p> <p>4 1/2" X 2 1/16" AS-1X pkr</p> <p>10 jts 2 1/16", 3.23# N-80 IJ tbq</p> <p>EOT @ 11,505'. Pkr @ 11,196'</p>	
		<p>*Bone Springs and Wolfcamp potential</p> <p>*fish consists of 3 X 10' subs, WLREG, 2 X-nipples, 45' total. SL toolstring?</p>	

Kaiser-Francis		PROPOSED	
Author:	Abby @ BCM	Well No.	#1
Well Nar	Malaga 2 State	API #:	30-015-26279
Field	Malaga (Atoka)	Location	Sec 2, T24S, R28E
County	Eddy		2130 FSL & 1650 FEL
State	New Mexico	GL	2974.4
Spud Da	1/31/1990		

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	13 3/8	WC-40	40#	632	17 1/2	775	0
Inter Csg	9 5/8		40 & 36#	2,543	12 1/4	1,550	0
Prod Csg	7	P110, S95, N80	26#	10,531	8 3/4	1,025	2570 TS
Liner	4 1/2	P110	15.1#	10,171-12,050	7	260	10,171



Formation Tops	
T/Salt	1110
B/Salt	1870
Del	2664
Cherry	3548
Brushy	4743
Bone Springs	6296
Strawn	11461
Atoka	11722

- 13 3/8 csg set @ 632 with 775 cmt sx
8. Perf & Sqz 240 sx @ 682' to surface. (13 3/8" Shoe)
7. Perf & Sqz 50 sx cmt @ 1160-1060'. WOC & Tag (T/Salt)
6. Perf & Sqz 50 sx cmt @ 1920-1820'. WOC & Tag (B/Salt)
- 9 5/8 csg set @ 2,543 with 1,550 cmt sx
5. Perf & Sqz 50 sx cmt @ 2595-2495'. WOC & Tag (9 5/8" Shoe)
4. Spot 25 sx cmt @ 4795-4690'. (Brushy)
3. Spot 25 sx cmt @ 6350-6250'. (Bone Springs)
2. Perf & Sqz 70 sx cmt @ 10,580-10,121'. WOC & Tag. (7" Shoe & Top of 4 1/2" Liner)
- 7 csg set @ 10,531 with 1,025 cmt sx
1. Set 4 1/2" CIBP @ 11,492'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 11,492-11,392'.
- Perfs @ 11,542-11,550
- Perfs @ 11,769-11,836
- 4 1/2 csg set @ 10,171-12,050 with 260 cmt sx

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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 72557

CONDITIONS

Operator: KAISER-FRANCIS OIL CO P.O. Box 21468 Tulsa, OK 74121	OGRID: 12361
	Action Number: 72557
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	1/26/2022