

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.) <b>1. Type of Well:</b> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		<b>WELL API NO.</b> 30-015-26279
<b>2. Name of Operator</b> Kaiser-Francis Oil Company		<b>5. Indicate Type of Lease</b> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED <input type="checkbox"/>
<b>3. Address of Operator</b> P.O. Box 21468, Tulsa, OK 74121		<b>6. State Oil &amp; Gas Lease No.</b> L-5364
<b>4. Well Location</b> 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>		<b>7. Lease Name or Unit Agreement Name</b> Malaga 2 State Com
<b>11. Elevation (Show whether DR, RKB, RT, GR, etc.)</b> 2974.4' GR		<b>8. Well Number</b> #1
<b>9. OGRID Number</b> 12361		<b>10. Pool name or Wildcat</b> Malaga (Atoka)

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
 DOWNHOLE COMMINGLE ☐ CLOSED-LOOP ☐  
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
 COMMENCE DRILLING OPS ☐ P AND A ☒  
 CASING/CEMENT JOB ☐  
 OTHER: ☐

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.

8/18/22: Worked packer free. TOOH w/ tubing. Set CIBP @ 11,650'. Cap w/ 4sx. Tag TOC @ 11,602'. Set CIBP @ 11,492'.  
 8/22/22: Parted workstring TIH. Start fishing ops.  
 8/30/22: Finished fishing workstring-all recovered. Pump 180 bbls mud. Spot 25 sx @ 11,490'. Tag plug @ 11,108'. Pump another 100 bbls plugging mud.  
 8/31/22: Ran CBL. TOC @ 1650'. Spot 80sx @ 10,587'  
 9/01/22: Tag TOC @ 9932'. Spot 25sx @ 7400'. Spot 25sx @ 6350'. Spot 25sx @ 4795'. Spot 25sx @ 3600'. Spot 50sx @ 2648'. WOC and tag @ 2338'. Spot 40sx @ 1920'  
 9/02/22: Tag TOC @ 1757'.  
 9/06/22: Cut and pull 7" casing f/ 1600'. Spot 50sx @ 1652'.  
 9/07/22: Tag TOC @ 1477'. Spot 50sx @ 1160'. WOC and tag @ 1012'. Circ cement f/ 682' to surface. Cut and cap 4' BGL. Dig up rig anchors and smooth/backfill location.

Spud Date:

1/31/90

Rig Release Date:

3/26/90

Approved for plugging of well bore only. Liability under bond is retained pending Location cleanup & receipt of C-103Q (Subsequent Report of Well Plugging) which may be found at OCD Web Page, OCD Permitting @ www.emnrd.state.nm.us

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

09/12/2022

Type or print name

Christina Opfer

E-mail address

ChristinaO@kfoc.net

PHONE

918-491-4468

For State Use Only

APPROVED BY:

*[Signature]*

TITLE

Staff Manager

DATE

10/5/22

Conditions of Approval (if any):

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

Kaiser-Francis Oil Company is submitting a Subsequent Report, form C-103P, detailing the plugging procedure for the Malaga 2-1 in Eddy County, NM.

Below is the actual plugging procedure.

8/18/22: Worked packer free. TOOH w/ tubing. Set CIBP @ 11,650'. Cap w/ 4sx. Tag TOC @ 11,602'. Set CIBP @ 11,492'.

8/22/22: Parted workstring TIH. Start fishing ops.

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9/01/22: Tag TOC @ 9932'. Spot 25sx @ 7400'. Spot 25sx @ 6350'. Spot 25sx @ 4795'. Spot 25sx @ 3600'. Spot 50sx @ 2648'. WOC and tag @ 2338'. Spot 40sx @ 1920'

9/02/22: Tag TOC @ 1757'.

9/06/22: Cut and pull 7" casing f/ 1600'. Spot 50sx @ 1652'.

9/07/22: Tag TOC @ 1477'. Spot 50sx @ 1160'. WOC and tag @ 1012'. Circ cement f/ 682' to surface. Cut and cap 4' BGL. Dig up rig anchors and smooth/backfill location.

Kaiser-Francis Oil Company		Malaga #2 State #1 (P&A)	
<b>Location:</b>	Section 2-24S-28E	<b>API:</b>	30-015-26279
<b>Field:</b>	Malaga		
<b>County:</b>	Eddy	<b>Spud Date:</b>	1/31/90
<b>State:</b>	New Mexico	<b>Completed:</b>	4/90
<b>Elevation:</b>	KB - 2996.4' GL - 2974.4'	<b>Diagram Updated:</b>	2/8/22
		<b>Work History:</b>	
		<p><b>3/90-</b> 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'. Rased MW to 12.6# f/ 10# to control. Drilling break f/ 11,939-45'. Deviation was pretty mild (up to 2.25).</p> <p><b>3/90-</b> Hit TOC on liner at 9773'. Drilled out to top of line at 10,171. Dressed off PBR.</p> <p><b>3/90-</b> 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><b>3/90-</b> Az Atoka 11,769-835' OA dwn tbg 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><b>4/90-</b> Atoka IP 5.1 MMcf/d + 1 BWPD on 13/64" ck w/ 2606# FTP</p> <p><b>4/90-</b> S/I 12 days and ran BHP on Atoka: 4534# @ 11,835'</p> <p><b>4/90-</b> 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><b>4/90-</b> 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><b>1/96-</b> Production commingled?? No workover records. May have acidized both zones as well.</p> <p><b>3/00-</b> 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><b>3/00-</b> Ran tubing, rods and pump. Well producing 150 mcf/d + 2 BWPD.</p> <p><b>10/03-</b> 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><b>1/04-</b> Swabbed. IFL-11,000. Rec 5 BW. Changed compressor-150 mcf/d</p> <p><b>8/04-</b> Swabbed-No FL. Rec 1/2 BW.</p> <p><b>4/05-</b> Raised tubing 9 jts. EOT @ 11,505'. Pkr 11,196'</p> <p><b>9/05-</b> Swabbed-no fluid recovery.</p> <p><b>11/09-</b> Tag TD w/ 1 1/4" GR @ 11,852'. Hung in tbg coming out and lost tool in hole(?). Ran BHP srvy. BHP-493# @ 11,450' Temp 188F. No fluid.</p> <p><b>9/22-</b> Well plugged</p>	
<p>13 3/8" 40#, WC-40 @ 629' cmt w/ 775 sx Class C + add. Circ</p> <p>Cut casing at 1600'</p> <p>TOC @ 1650' (CBL)</p> <p>9 5/8" 40# &amp; 36#, K-55 @ 2543' cmt w/ 1550 sx. Circ</p> <p>TOL 10,171'</p> <p>7" 26# P-110, S-95 and N-80 csg @ 10,530'. Cmt'd w/ 260 sx Class H + add.</p> <p>CIBP @ 11492' w/ 25sx Strawn perfs 11,542'-550'</p> <p>CIBP @ 11650'w/ 35' cmt Otis (BWB??) Packer @ 11,655'</p> <p>Atoka perfs 11,769-73</p> <p>Atoka perfs 11,826-36</p> <p>4-1/2" 15.1# P-110 LT&amp;C @ 10,171'-12,050'. Cmt'd w/ 260 sx Class H + add.</p> <p>fish*</p> <p>PBTD - 11,957'</p> <p>TD - 12,050'</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>	

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**Santa Fe, NM 87505**

CONDITIONS

Action 142488

CONDITIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID: 12361
	Action Number: 142488
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	10/5/2022