

Submit i 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 ResourcesOIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103

Revised July 18, 2013

WELL API NO.	30-015-43995
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	-
7. Lease Name or Unit Agreement Name	Willow Lake WA 15
8. Well Number	001H
9. OGRID Number	12361
10. Pool name or Wildcat	Purple Sage Wolfcamp Gas Pool
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	2990 GR

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 ☐ Gas Well ☒ Other

2. Name of Operator

Kaiser-Francis Oil Company

3. Address of Operator

P. O. Box 21468, Tulsa, OK 74121-1468

4. Well Location

Unit Letter L : 1960 feet from the South line and 220 feet from the West line
 Section 14 Township 24S Range 28E NMPM Eddy County

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 SYSTEM ☐OTHER: Extension for P&A ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐ 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.

This is to request a 60 day extension to C-103 Intent to P&A (attached).
 It is due to the increased field operations taking place at this time.

Spud Date:

3/6/18

Rig Release Date:

4/6/18

MUST BE PLUGGED BY 6/18/2021

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

SIGNATURE Charlotte Van Valkenburg TITLE Mgr., Regulatory Compliance DATE 3/17/2021Type or print name Charlotte Van Valkenburg E-mail address: Charlotv@kfoc.net PHONE: 918-491-4314
For State Use OnlyAPPROVED BY: [Signature] TITLE Staff Manager DATE 3/18/2021
Conditions of Approval (if any):

Submit 1 Copy To Appropriate District Office
 District I - (575) 393-6161
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 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
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Form C-103
 Revised July 18, 2013

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.)		WELL API NO. 30-015-43995
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Kaiser-Francis Oil Company		6. State Oil & Gas Lease No. -
3. Address of Operator P. O. Box 21468, Tulsa, OK 74121-1468		7. Lease Name or Unit Agreement Name Willow Lake WA 15
4. Well Location Unit Letter L : 1960 feet from the South line and 220 feet from the West line Section 14 Township 24S Range 28E NMPM Eddy County		8. Well Number 001H 9. OGRID Number 12361
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2990 GR		10. Pool name or Wildcat Purple Sage Wolfcamp Gas Pool

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

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

Proposed procedure:

1. RIH w/CBL & log cmt behind 5 1/2". Steps below assume no cmt @ 7200'.
2. TIH w/tbg & circ hole w/WBM.
3. 1 BS plug: perf & sqz w/120 sxs cmt from 7200'-7000' (attempt to circ 5 1/2" X 9 5/8" annulus w/mud prior to cmtg). spot 25 sx cement @ 6320' - top of BS
4. Cut & pull 5 1/2" csg from 4500'.
5. Log cmt behind 9 5/8" csg. Steps below assume TOC @ 2685' or higher.
6. Delaware plug: TIH w/ tbg. Pump 90 sxs cmt from 4550'-4300'. WOC & tag
7. Int shoe/salt plug: Pump 50 sxs cmt from 2785'-2685'. WOC & tag.
8. Surf plug: Perf 9 5/8" @ 423' & circ cmt down 9 5/8" & up 13 3/8".
9. See attached WBD. Est starting date: 1/17/2020.

Spud Date:

3/06/18

Rig Release Date:

4/6/18

SEE ATTACHED COA's*

MUST BE PLUGGED BY 4/3/21

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

SIGNATURE

Charlotte Van Valkenburg

TITLE Mgr., Regulatory Compliance

DATE

3-19-2020

Type or print name
 For State Use Only

Charlotte Van Valkenburg

E-mail address:

Charlotv@kfoc.net

PHONE:

918-491-4314

APPROVED BY:

Gilbert Cordero

TITLE

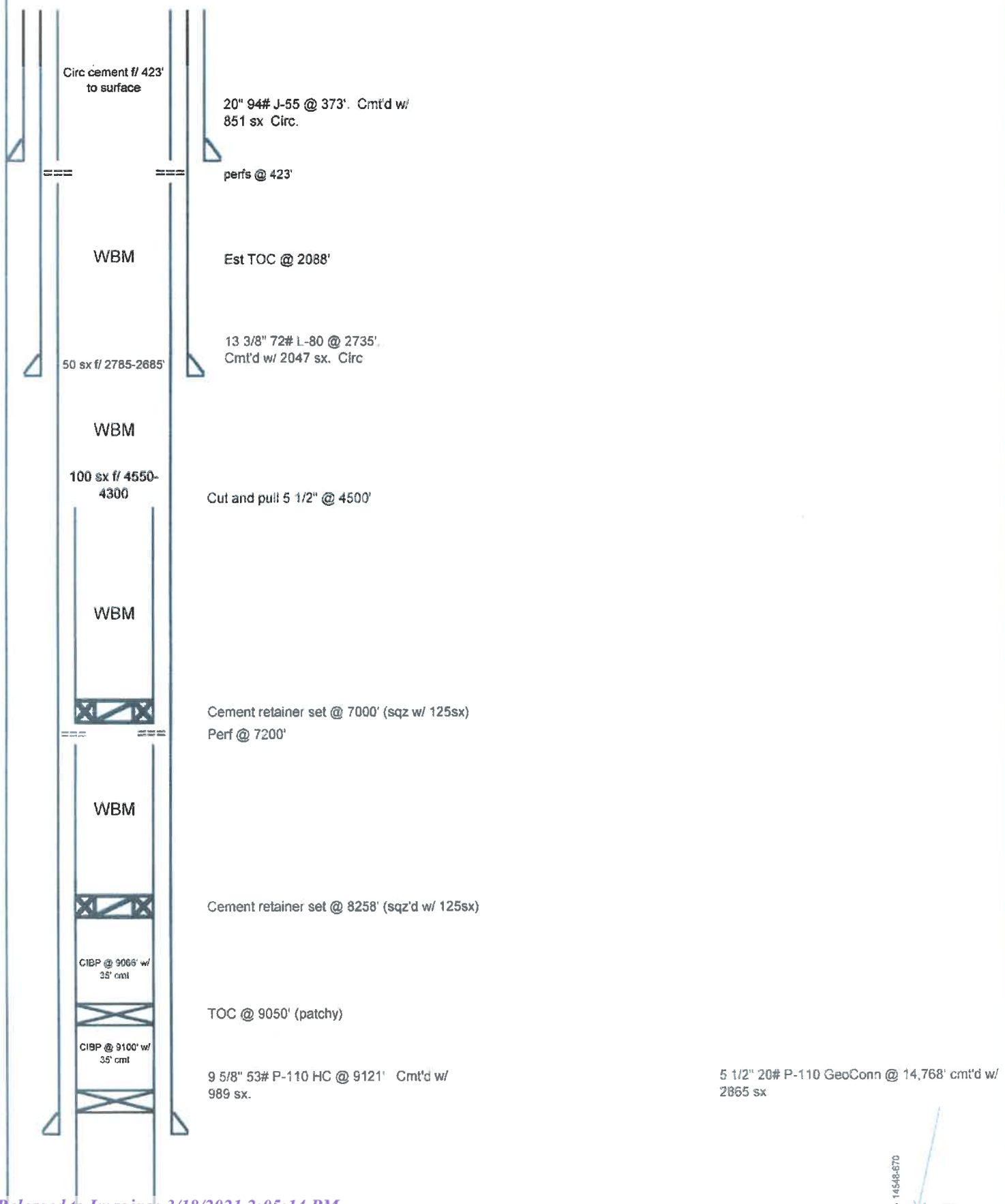
Staff MGR

DATE

4/3/20

Conditions of Approval (if any):

Kaiser-Francis Oil Company		Willow Lake WA 15 1H (proposed P&A)	
Field:	Purple Sage	API:	30-015-43995
County:	Eddy	Spud Date:	3/7/2018
State:	New Mexico	Completed:	
SHL:	Sec 14-24S-28E (1960' FSL & 220' FWL)	Elevation:	KB- 3020' GL-2995'
BHL:	Sec 15-24S-28E (2237' FSL & 245' FWL)	Diagram Updated:	May 9, 2019



Kaiser-Francis Oil Company		Willow Lake WA 15 1H	
Field:	Purple Sage	API:	30-015-43995
County:	Eddy	Spud Date:	3/7/2018
State:	New Mexico	Completed:	
SHL:	Sec 14-24S-28E (1960' FSL & 220' FWL)	Elevation:	KB- 3020' GL-2995'
BHL:	Sec 15-24S-28E (2237' FSL & 245' FWL)	Diagram Updated:	May 9, 2019

20" 94# J-55 @ 373'. Cmt'd w/
851 sx Circ.

Est TOC @ 2088'

13 3/8" 72# L-80 @ 2735'
Cmt'd w/ 2047 sx. Circ

Cement retainer set @ 8258' (sqz'd w/ 125sx)

CIBP @ 9068' w/
35' cmt

TOC @ 9050' (patchy)

CIBP @ 9100' w/
35' cmt

9 5/8" 53# P-110 HC @ 9121' Cmt'd w/
989 sx.

5 1/2" 20# P-110 GeoConn @ 14,768' cmt'd w/
2865 sx

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 (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

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 21105

CONDITIONS OF APPROVAL

Operator:	KAISER-FRANCIS OIL CO	P.O. Box 21468	Tulsa, OK74121	OGRID:	12361	Action Number:	21105	Action Type:	C-103F
OCD Reviewer	Condition								
gcordero	Must be plugged by 6/18/2021								