

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88211  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87501

State of New Mexico

Form C-101  
May 27, 2004

**CEMENT TO COVER ALL OIL,  
GAS AND WATER BEARING  
ZONES**

sources

**RECEIVED**

on Submit to appropriate District Office

NOV 09 2004

☐ AMENDED REPORT

**OOO-ARTESIA**

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

Operator Name and Address <b>KAISER-FRANCIS OIL CO. - P.O. BOX 21468 - TULSA, OK 74121-1468</b>		OGRID Number <b>012361</b>
Property Code <b>24424</b>	Property Name <b>MESA (11) GRANDE</b>	API Number <b>30-015-33720</b>
Proposed Pool 1 <b>CARLSBAD MORROW SOUTH</b>		Well No. <b>2</b>
Proposed Pool 2 <b>HAPPY VALLEY STRAWN</b>		<b>78070</b>

**Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>L</b>	<b>11</b>	<b>22S</b>	<b>26E</b>		<b>2661</b>	<b>SOUTH</b>	<b>660</b>	<b>WEST</b>	<b>EOOY</b>

**Proposed Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

**Additional Well Information**

Work Type Code <b>N</b>	Well Type Code <b>G</b>	Cable/Rotary <b>R</b>	Lease Type Code <b>P</b>	Ground Level Elevation <b>3175</b>
Multiple <b>NO</b>	Proposed Depth <b>11,900'</b>	Formation <b>MORROW</b>	Contractor <b>GREYWOLF</b>	Spud Date <b>DECEMBER 2004</b>
Depth to Groundwater <b>108'</b>		Distance from nearest fresh water well <b>~ 900'</b>		Distance from nearest surface water <b>HAGGARDEN DRAW ~ 300'</b>
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: <b>4200</b> bbls Drilling Method: Fresh Water <input checked="" type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				
Closed-Loop System <input type="checkbox"/>				

**Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
<b>17 1/2"</b>	<b>13 3/8"</b>	<b>48.5/54.5</b>	<b>500'</b>	<b>545 SXS</b>	<b>SURFACE</b>
<b>12 1/4"</b>	<b>9 5/8"</b>	<b>32</b>	<b>2350'</b>	<b>860 SXS</b>	<b>SURFACE</b>
<b>7 7/8"</b>	<b>5 1/2"</b>	<b>17/20</b>	<b>11,500'</b>	<b>455 SXS</b>	<b>8600'</b>

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Drill 17 1/2" SURFACE HOLE TO 500'. SET 13 3/8" CSG. CMT. TO SURFACE WITH 545SXS. WOC 1B HAS.  
NU. TEST. DRILL 12 1/4" HOLE TO 2350' +/- . SET 9 5/8" CSG. Cut to SURFACE WITH 860SXS. NUBOP  
TEST TO 5000'. WOC 1B HAS. DRILL 7 7/8" hole to 11,500'. Log. Evaluate. SET CSG. Cut with 455SXS.  
CMT. TOC AT 8600'. BOP equipment will be used in accordance with Rule 19.15.3.109.

Additional drilling information is attached.

As a condition of approval a  
detailed closure plan must be filed  
before closure may commence.

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒ a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

**OIL CONSERVATION DIVISION**

Approved by:

**TIM W. GUM**

**DISTRICT II SUPERVISOR**

Printed name: **DREW TYLER**

Title:

Title: **ENGINEER**

Approval Date: **NOV 17 2004** Expiration Date: **NOV 17 2005**

E-mail Address: **DREW.T@KFOC.NET**

Date: **10/29/04**

Phone: **918-491-4343**

Conditions of Approval Attached ☐

MSL-S133

**NOTIFY OCD OF SPUD & TIME TO  
WITNESS CEMENTING OF  
SURFACE & INTERMEDIATE  
CASING**

DISTRICT I  
1825 N. French Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name MESA 11 GRANDE	Well Number 2
OGRID No. 012361	Operator Name KAISER-FRANCIS OIL COMPANY	Elevation 3175'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	11	22 S	26 E		2661	SOUTH	660	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>Plane Coordinates X = 519,690.3 Y = 511,818.9</p> <p>NOTE: 1) Plane Coordinates shown hereon are Transverse Mercator Grid and Conform to the New Mexico Coordinate System, New Mexico East Zone, North American Datum of 1927. Distances shown hereon are mean horizontal surface values.</p>	<p>RECEIVED NOV 09 2004 OIL-ARTESIA</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Drew Tyler</i> Signature DREW TYLER Printed Name ENGINEER Title 11/08/04 Date</p>
		<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my upervison and that the same is true and orrect to the best of my belief.</p> <p>October 27, 2004 Date Surveyed Signature &amp; Seal of Professional Surveyor W.O. Num. 2004-0669 Certificate No. MACON McDONALD 12185</p>