

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

| | | | |
|---|-----------------------------------|---|------------------------------|
| Operator Name and Address: Kaiser-Francis Oil Company P. O. Box 21468 Tulsa, OK 74121-1468 | | Permit Expires 1 Year From Approval Date Unless Drilling Underway <i>Drilling</i> | OGRID Number 012361 |
| Property Code 005474 | Property Name T.C.H. Ranch '6' | | API Number 30 - 025-31249 |
| | | | Well No. 1 |

Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| X | 6 | 16S | 34E | - | 660 | South | 660 | East | Lea |

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 |
|---|---------|----------|-------|---------|-----------------|------------------|---------------|----------------|--------|
| Proposed Pool 1 <i>Home Wolfcamp North</i> | | | | | Proposed Pool 2 | | | | |

| | | | | |
|----------------------------|-------------------------|--------------------------------------|----------------------|--------------------------------|
| Work Type Code <i>A</i> | Well Type Code 0 | Cable/Rotary n/a | Lease Type Code S | Gross Level Elevation 4152' |
| Multiple Yes | Proposed Depth 12600 | Formation <i>Wolfcamp</i> unk. | Contractor unk. | Spud Date n/a |

Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 17 1/2 | 13 3/4 | 48 | 425 | 450 | Surf |
| 11 | 8 5/8 | 32 | 4500 | 2000 | Surf |
| 7 7/8 | 5 1/2 | 17, 20, 23 | 12600 | 780 | 9950 |
| | | | | | |
| | | | | | |

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.

- TOOH w/tbg & packer.
- RU WL unit. Set CIBP @ 11460' & dump 2 sxs cmt on top.
- TIH w/pkr & 2 7/8" tbg. Set pkr @ 10720'. Swab fluid level down to 5000'.
- Perf Wolfcamp @ 10767'-70', 10786'-95', & 10965'-72' w/2 JSPF (total 42 holes).
- Swab down. Acidize w/4500 g. 15% NEFE HCL. Swab & flow test.
- TOOH w/tbg & pkr. Set RBP @ 10,000'. Perf 4 sqz holes @ 9940' & 9700'.
- Set cmt ret. @ 9900'. Sting into & circ cmt between 9940'-9700'. Drill out.
- Set pkr @ 9865' & swab fluid level down to 5000'. Perf @ 9914'-24' & 9950'-65' w/1 JSPF
- Acidize w/3000 g. 15% NEFE HCL. Flow test. TOOH w/tbg, pkr & RBP. TIH w/tbg, pump & rods.

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

Signature: *Charlotte Van Valkenburg*
Printed name: Charlotte Van Valkenburg
Title: Technical Coordinator
Date: 11/13/98
Phone: 918-491-4314

OIL CONSERVATION DIVISION

Approved by: *ORIGINAL*
Title: FIELD REP
Approval Date: MAY 11 1999
Expiration Date:
Conditions of Approval:
Attached ☐

9/27/99
need to
enter in CIO
also complete
new info
CT

AMENDED

District I
PO Box 1900, Hobbs, NM 88241-1900
District II
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WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | |
|----------------------------|---|-----------|---------------------------------|-------------------|
| API Number 30-025-31249 | | Pool Code | Pool Name N. Hume (Wolfcamp) | |
| Property Code 005474 | Property Name T.C.H. Ranch '6' | | | Well Number 1 |
| OGRID No. 012361 | Operator Name Kaiser-Francis Oil Company | | | Elevation 4152 |

10 Surface Location

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| X | 6 | 16S | 34E | - | 660 | South | 660 | East | Lea |

11 Bottom Hole Location If Different From Surface

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

| | | | |
|--------------------------|-------------------------|------------------------------|---------------------|
| 12 Dedicate Acres 160 | 13 Joint or Infill Y | 14 Consolidation Code n/a | 15 Order No. n/a |
|--------------------------|-------------------------|------------------------------|---------------------|

**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**

| | | | | |
|--|--|--|--|--|
| <div style="position: relative; height: 350px;"> 16 </div> | | | | <p>17 OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <div style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p align="right"><i>C. Jan Valkenburg</i></p> <p>Signature Charlotte Van Valkenburg</p> <p>Printed Name</p> <p>Technical Coordinator</p> <p>Title</p> <p>2/22/99</p> <p>Date</p> </div> <p>18 SURVEYOR CERTIFICATION</p> <p><i>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 supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p> |
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