

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

NM OIL CONS COMMISSION

Form approved.

Form No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐

2. NAME OF OPERATOR
Kaiser-Francis Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 21468, Tulsa, OK 74121-1468

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 10' FSL & 1960' FEL of Sec. 17-23S-31E

At top prod. interval reported below 667' FNL & 1800' FEL of Sec. 20-23S-31E

At total depth 667' FNL & 1800' FEL of Sec. 20-23S-31E

14. PERMIT NO. n/a
DATE ISSUED 1/26/94

15. DATE SPUDDED 7/5/94
16. DATE T.D. REACHED 8/19/94
17. DATE COMPL. (Ready to prod.) 9/21/94

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3337 GR
20. TOTAL DEPTH, MD & TVD 8140
21. PLUG, BACK T.D., MD & TVD 8076
22. IF MULTIPLE COMPL., HOW MANY* n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
7731' - 7921' (Delaware)

26. TYPE ELECTRIC AND OTHER LOGS RUN
CN-GR

29. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	700	17 1/2	700 sxs	-0-
8 5/8	24 & 32	4020	11	1400 sxs	-0-
5 1/2	17	8120	7 7/8	600 sxs	-0-
DV tool		6163	7 7/8	1300 sxs	-0-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None	-	-	-	-

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	7688	-

31. PERFORATION RECORD (Interval, size and number)
7851-62, 7867-77, 7885-87, 7893-7908, 7921
1 JSPF (40 holes)
7731-40, 7742-48, 7750-71, 7781-85
1 JSPF (40 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
---------------------	----------------------------------

7851 - 7921 2000 g. 7 1/2% NEFE + 13080 g. SFG-
3500 + 30010# 16/30 Ottawa sand
7731 - 7785 2000 g. 7 1/2% NEFE + 10000 g. SFG-
3500 + 31000# 16/30 Ottawa sand

33. PRODUCTION

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/5/94	24	18/64	→	167	200	47	1198
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
300	940	→	167	200	47	42	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
To be sold

35. LIST OF ATTACHMENTS

Logs, inclination survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Charlotte van Valkenburg TITLE Technical Coordinator DATE 10/14/94

(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	4064	6878		Delaware	4065	4064
Brushy Canyon	6879	7943		Brushy Canyon	6879	6878
Bones Springs	7944	8096		Bone Springs	7944	7910

WELL NAME AND NUMBER Pure Gold B Fed. #9

LOCATION Sec. 21, T-23-S, R-31-E RECEIVED
(Give Unit, Section, Township and Range)

OPERATOR Kaiser-Francis Oil Company OCT 17 10 26 AM '94

DRILLING CONTRACTOR NABORS DRILLING USA, INC. CABLE
APES

The Undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>
<u>3/4 @ 304</u>	<u>7.6 @ 4720</u>	<u>10.27 @ 6516</u>	<u>5 @ 7312</u>
<u>1 1/4 @ 700</u>	<u>7.6 @ 4908</u>	<u>10.1 @ 6609</u>	<u>4.5 @ 7344</u>
<u>3/4 @ 1194</u>	<u>7.6 @ 5001</u>	<u>9.6 @ 6700</u>	<u>4.2 @ 7375</u>
<u>1 @ 1698</u>	<u>7.3 @ 5037</u>	<u>9.1 @ 6793</u>	<u>3.6 @ 7469</u>
<u>3/4 @ 2202</u>	<u>7.7 @ 5063</u>	<u>9.25 @ 6823</u>	<u>3.4 @ 7572</u>
<u>3/4 @ 2737</u>	<u>8.3 @ 5094</u>	<u>8.8 @ 6855</u>	<u>3.4 @ 7665</u>
<u>1 @ 3271</u>	<u>8.8 @ 5197</u>	<u>8.1 @ 6886</u>	<u>3.4 @ 7759</u>
<u>2 @ 3398</u>	<u>9.1 @ 5260</u>	<u>7.7 @ 6974</u>	<u>2.88 @ 7857</u>
<u>2 3/4 @ 3616</u>	<u>9.1 @ 5355</u>	<u>7.6 @ 7034</u>	<u>2.5 @ 7944</u>
<u>2 3/4 @ 3742</u>	<u>9.3 @ 5450</u>	<u>7.8 @ 7067</u>	<u>2 @ 8079</u>
<u>1 @ 4070</u>	<u>9.27 @ 5545</u>	<u>7.3 @ 7098</u>	
<u>1.3 @ 4156</u>	<u>9.2 @ 5638</u>	<u>6.8 @ 7128</u>	
<u>1.3 @ 4249</u>	<u>9.2 @ 5732</u>	<u>6.1 @ 7216</u>	
<u>1.6 @ 4280</u>	<u>9.3 @ 5828</u>	<u>6.1 @ 7247</u>	
<u>5.4 @ 4472</u>	<u>9.5 @ 6015</u>	<u>5.5 @ 7278</u>	

Drilling Contractor Nabors Drilling USA, Inc.
By *[Signature]*
Larry Bohannon

Subscribed and sworn to before me this 7th day of September, 1994
[Signature]
Notary Public

My Commision Expires MIDLAND County TEXAS

