

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 175-21600-0000 **ORIGINAL**
County Seward
C - NW - NW - NE Sec. 17 Twp. 33S Rge. 31 X W

Operator: License # 6568

330 Feet from N (circle one) Line of Section

Name: Kaiser-Francis Oil Company

2310 Feet from E (circle one) Line of Section

Address P. O. Box 21468

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

City/State/Zip Tulsa, OK 74121-1468

Lease Name Headrick Well # 1

Field Name Hugoton Gas Area

Purchaser: Duke Energy Field Services

Producing Formation Chase

Operator Contact Person: Charlotte Van Valkenburg

Elevation: Ground 2753 KB 2763

Phone (918) 491-4314

Total Depth 2850 PBTB 2786

Contractor: Name: Val Energy, Rig #2

Amount of Surface Pipe Set and Cemented at 630 Feet

License: _____

Multiple Stage Cementing Collar Used? Yes No

Wellsite Geologist: None

If yes, show depth set _____ Feet

Designate Type of Completion

If Alternate II completion, cement circulated from _____

New Well Re-Entry Workover

feet depth to _____ w/ _____ sx cmt.

Oil SWD S10W Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan A14.1, 3-7-98 v.c.
(Data must be collected from the Reserve Pit)

If Workover/Re-Entry: old well info as follows:

Chloride content 26,000 ppm Fluid volume 6000 bbls

Operator: _____

Dewatering method used Evaporation

Well Name: _____

n/a

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTB

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

Operator Name n/a

Lease Name _____ License No. _____

4/18/97 4/21/97 5/16/97

Spud Date 4/18/97 Date Reached TD 4/21/97 Completion Date 5/16/97

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Charlotte Van Valkenburg

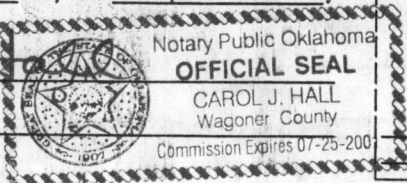
Signature C. Van Valkenburg

Title Technical Coordinator Date 9/3/97

Subscribed and sworn to before me this 3rd day of September 19 97.

Notary Public Carol J. Hall

Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Operator Name Kaiser-Francis Oil Company Lease Name Headrick Well # 1
 Sec. 17 Twp. 33S Rge. 31 East West County Seward

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Name	Top	Datum
Herington	2545	(+ 218)
Upper Krider	2575	(+ 188)
Lower Krider	2604	(+ 159)
Winfield	2668	(+ 95)
Towanda	2726	(+ 37)

List All E.Logs Run:
 SD-DSN, DIL, ML, MRIL

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8	24	630	15/85 Poz + C	325	8% gel, 2% c
Production	7 7/8	4 1/2	10.5	2849	Thixoment	175	-

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
n/a				
Perforate				
Protect Casing				
Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	2616 - 2636	2750 g. 15% NEFE + 17000 g.	2616 - 2636
		70% N2 foam + 25000# 12/20 sd	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8	2546	-	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
8/18/97					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	370	1	-	-

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval: 2616 - 2636

ORIGINAL



RECEIVED
KANSAS CITY

BJ SERVICES COMPANY

1997 SEP 25 10:24

REMIT TO: P.O. BOX 891058
DALLAS, TX 75389-1058

INVOICE NO. 562560	OUR RECEIPT NO. 076793	DATE 04/19/97
YOUR ORDER NO.		
47170	1225	

KAISER-FRANCIS OIL CO
BOX 746
PERRYTON TX 79070

SERVICES FROM OUR STATION AT PERRYTON CEMENTING	OUR ENGINEER REEVES	SIGNED FOR YOU BY AYLETT
FOR SERVICING WELL NAME HEADRICK 1	COUNTY SEWARD	STATE KS 15

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE/UNIT	GROSS AMOUNT	PERCENT DISC	NET AMOUNT
J3915	MILEAGE, AUTO/PICK-UP/TREATING VAN	MILE	50.0	1.900	95.00	32.00	64.60
J3905	MILEAGE, HEAVY VEHICLE, PER UNIT	MILE	50.0	3.150	157.50	32.00	107.10
J4015	BULK MATERIAL DELIVERY, DRY	TONMI	399.0	1.060	422.94	32.00	287.60
F0035	CEMENT CASING, 501 - 1000 FT	6HRS	1.0	900.000	900.00	32.00	612.00
M1005	BULK MATERIALS SERVICE CHARGE	CU FT	351.0	1.500	526.50	32.00	358.02
P422F	POZ A, PERRYTON, TX	SACK	19.0	5.810	110.39	32.00	75.07
P392F	PREM PLUS CMT, PERRYTON, TX	SACK	306.0	11.530	3528.18	32.00	2,399.16
P2495	BENTONITE	LB	910.0	.190	172.90	32.00	117.57
P1265	CELLO FLAKE	LB	31.0	2.050	63.55	32.00	43.21
H5027	CALC CHLORIDE-TX PANHANDLE	LB	800.0	.420	336.00	32.00	228.48
P3255	THREAD LOCKING COMPOUND	BOX	1.0	24.650	24.65	32.00	16.76
P3625	CMT PLUG, RUBBER, TOP 8-5/8 INCH	EACH	1.0	132.000	132.00	32.00	89.76
13365	GUIDE SHOE/NOTCHED 8 5/8 - 8RD	EACH	1.0	295.000	295.00	32.00	200.60
17180	INSERT FLOAT, STC 8 5/8 - 8RD	EACH	1.0	405.000	405.00	32.00	275.40
17068	CENTRALIZER, WITH PINS, 8 5/8 INCH	EACH	3.0	88.500	265.50	32.00	180.54
17135	STOP COLLAR, 8 5/8 INCH	EACH	1.0	27.750	27.75	32.00	18.87
C9985	SHORT GEIST BARS	EACH	3.0	26.000	78.00	32.00	53.04
C9985	LONG GEIST BARS	EACH	3.0	34.000	102.00	32.00	69.36
	SUB TOTAL				7642.86		5,197.14

Lease Headrick #1

Repair or Replacement Account Change 524

New Installation APPROVED BY PJ

LEASE <u>058520</u>	NAME <u>HEAD</u>
EXP. <u>524</u>	BY <u>MM</u>

PHONE: (713) 462-4239

TERMS: NET 30 DAYS

PAY THIS AMOUNT →

5,197.14



BJ SERVICES COMPANY

INVOICE NO. 563039	OUR RECEIPT NO. 423858	DATE 04/23/97
YOUR ORDER NO.		
47170	1225	

REMIT TO: P.O. BOX 891058
DALLAS, TX 75389-1058

KAISER-FRANCIS OIL CO
BOX 746
PERRYTON TX 79070

SERVICES FROM OUR STATION AT PERRYTON CEMENTING	OUR ENGINEER RABE	SIGNED FOR YOU BY BELL 1-21
FOR SERVICING WELL NAME HEADRICK 1	COUNTY SEWARD	STATE KS 15

ORIGINAL

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE/UNIT	GROSS AMOUNT	PERCENT DISC.	NET AMOUNT
J3915	MILEAGE, AUTO/PICK-UP/TREATING VAN	MILE	30.0	1.900	57.00	30.00	39.90
J3905	MILEAGE, HEAVY VEHICLE, PER UNIT	MILE	30.0	3.150	94.50	30.00	66.15
J4015	BULK MATERIAL DELIVERY, DRY	TONMI	145.0	1.060	153.70	30.00	107.59
F0075	CEMENT CASING, 2501 - 3000 FT	6HRS	1.0	1470.000	1470.00	30.00	1,029.00
M1005	BULK MATERIALS SERVICE CHARGE	CU FT	213.0	1.500	319.50	30.00	223.65
P432F	PREMIUM CMT, PERRYTON, TX	SACK	175.0	10.930	1912.75	30.00	1,338.93
P1955	FL-52	LB	82.0	10.750	881.50	30.00	617.05
P2035	A-10	LB	1645.0	.350	575.75	30.00	403.03
H5327	SODIUM CHLORIDE-TX PANHANDLE	LB	1100.0	.160	176.00	30.00	123.20
P3255	THREAD LOCKING COMPOUND	BOX	1.0	24.650	24.65	30.00	17.26
P3555	CMT PLUG, RUBBER, TOP 4-1/2 INCH	EACH	1.0	48.600	48.60	30.00	34.02
P3095	MUD CLEAN II	GAL	420.0	.650	273.00	30.00	191.10
13150	GUIDE SHOE/LONG BOX 4.5 - 8RD	EACH	1.0	132.000	132.00	30.00	92.40
17293	INSERT FLOAT, LTC 4.5 - 8RD	EACH	1.0	270.000	270.00	30.00	189.00
17062	CENTRALIZER, WITH PINS, 4 1/2 INCH	EACH	4.0	63.500	254.00	30.00	177.80
17129	STOP COLLAR, 4 1/2 INCH	EACH	1.0	22.550	22.55	30.00	15.79
H2345	CLAY MASTER-5C	GAL	1.0	64.500	64.50	30.00	45.15
H4955	CLAYTREAT 3C	GAL	2.0	47.850	95.70	30.00	66.99
H0205	AQUA FLOW	GAL	2.0	36.250	72.50	30.00	50.75
	SUB TOTAL				6898.20		4,828.76

Lease Headrick #1

Repair or Replacement Account Charge 624

New Installation Approved By PM

LEASE 058520	NAME HEAD
EXP. 624	BY MM