

ORIGINAL

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

API NO. 15- 185-20,361-000

County Stafford

SE/4 Sec. 30 Twp. 22S Rge. 11 X X W

480' Feet from S(N) (circle one) Line of Section

330' Feet from E/W (circle one) Line of Section

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

Lease Name Komarek Well # 20

Field Name Richardson

Producing Formation Lansing-KC

Elevation: Ground 1817' KB 1822'

Total Depth 3534' PBD 3498'

Amount of Surface Pipe Set and Cemented at 362' Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan REWORK JK 12-24-97
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name 12-6-96

Lease Name _____ License No. _____

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

County _____ Docket No. _____

Operator: License # 3613

Name: Hallwood Petroleum, Inc.

Address 4582 S. Ulster Street Parkway, #1700

P.O. Box 378111

City/State/Zip Denver, Colorado 80237

Purchaser: Koch

Operator Contact Person: Nonya K. Durham

Phone (303) 850-6257

Contractor: Name: 30891

License: LEIKER WELL SERVICE

Wellsite Geologist: _____

Designate Type of Completion

_____ New Well _____ Re-Entry X Workover

_____ Oil _____ SWD _____ SLOW _____ Temp. Abd.

_____ Gas XXX ENHR _____ SIGW

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

If Workover:

Operator: CLINTON OIL COMPANY

Well Name: V. KOMAREK #20-D

Comp. Date 7-19-71 Old Total Depth 3534'

_____ Deepening X Re-perf. _____ Conv. to Inj/SWD

_____ Plug Back _____ PBD

_____ Commingled _____ Docket No. E-27,034

_____ Dual Completion _____ Docket No. _____

_____ Other (SWD or Inj?) _____ Docket No. _____

10/16/96 10/22/96

_____ Date OF START Date Reached TD _____ Completion Date of

_____ OF WORKOVER _____ WORKOVER

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.

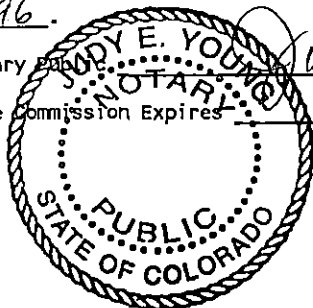
Signature Nonya K. Durham

Title Production Reporting Supervisor Date December 2, 1996

Subscribed and sworn to before me this 2nd day of December, 1996.

Notary Public Judy E. Young

Date Commission Expires 4/19/97



K.C.C. OFFICE USE ONLY		
F	_____	Letter of Confidentiality Attached
C	_____	Wireline Log Received
C	_____	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	_____ SWD/Rep
_____	KGS	_____ Plug
_____		_____ NGPA
_____		_____ Other (Specify)

SIDE TWO

Operator Name Hallwood Petroleum, Inc. Lease Name Komarek Well # 20

Sec. 30 Twp. 22S Rge. 11 East West
 County Stafford

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.)
 List All E.Logs Run:

Name	Formation (Top), Depth and Datum	
	Top	Datum
L-KC "H"	3367'	(-1545)
L-KC "I"	3383'	(-1561)
L-KC "J"	3404'	(-1582)
L-KC "K"	3424'	(-1602)

CASING RECORD <input 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"		362'		300	
Production	7 7/8"	5 1/2"		3533'		100	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	3498'	Bridge Plug		

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
4 SPF	3367-72' L-KC 'H'		500 gal 15% hc1 NE w/ Clay Stay	
4 SPF	3383-88' L-KC 'I'		500 gal 15% hc1 NE w/ Clay Stay	
4 SPF	3404-10' L-KC 'J'		600 gal 15% hc1 NE w/ Clay Stay	
4 SPF	3424-30' L-KC 'K'		600 gal 15% hc1 NE w/ Clay Stay	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	3358'	3268'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. Inj. 10/22/96
 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Injection Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
			150		

Disposition of Gas: N/A **METHOD OF COMPLETION** Injecting Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 3367-3430'
 (If vented, submit ACO-18.) Other (Specify) _____

Richard Lorey (KCC) witnessed MIT 10/22/96

