

15-009 - 30873 - 0003

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

API NO. 15- N/A **ORIGINAL**  
County Barton E  
SE NE NE NE Sec. 28 Twp. 16S Rge. 11 X W

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: \_\_\_\_\_

Operator Contact Person: Nonya K. Durham

Phone (303) 850-6257

Contractor: Name: \_\_\_\_\_

License: \_\_\_\_\_

Wellsite Geologist: None

Designate Type of Completion

       New Well        Re-Entry   X   Workover

  X   Oil        SWD        SLOW        Temp. Abd.  
       Gas        ENHR        SIGW  
       Dry        Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: Pan American Petroleum Corp.

Well Name: E.F. Esfeld #2

Comp. Date 11-3-95 Old Total Depth 3367'

  X   ACIDIZED  
Deepening        Re-perf.        Conv. to Inj/SWD  
  X   Plug Back 3134' PBD        STATE COR  
       Commingled        Docket No.         
       Dual Completion        Docket No.         
       Other (SWD or Inj?)        Docket No.       

11/9/95 11/30/95  
Start Date ofF WORKOVER Date Reached TD WORKOVER Completion Date WORKOVER

330 Feet from S/N (circle one) Line of Section

4950 Feet from E/W (circle one) Line of Section

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

Lease Name E. F. Esfeld Well # 2

Field Name Kraft-Prusa

Producing Formation L-KC "A", "B" & "C", Toronto

Elevation: Ground 1917' KB 1919' (DF)

Total Depth 3367' PBD 3134'

Amount of Surface Pipe Set and Cemented at 264' 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 JJK 1-19-96  
(Data must be collected from the Reserve Pit)

Chloride content        ppm Fluid volume        bbls

Dewatering method used       

Location of fluid disposal if hauled offsite:       

RECEIVED  
STATE CORPORATION COMMISSION  
Operator Name       

Lease Name        License No.       

JAN 12 1996 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.

Signature Nonya K. Durham

Title Production Technician Date 1/9/96

Subscribed and sworn to before me this 9th day of January, 19 96.

Notary Public Judy E. Atkins  
Judy E. Atkins  
4/19/97

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  
  2   KCC        SWD/Rep        NGPA  
       KGS        Plug        Other  
(Specify)

SIDE TWO

Operator Name **JANIGIRO** Hallwood Petroleum, Inc. Lease Name E. F. Esfeld Well # 2  
 Sec. 28 Twp. 16S Rge. 11  East  West  
 County Barton

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	Top	Datum
Toronto	2960'	(-1041)
L-KC "A"	3060'	(-1141)
L-KC "B"	3088'	(-1169)
L-KC "C"	3109'	(-1190)

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"	32#	264'		200	
Production	7 7/8"	5 1/2"	14#	3333'		150	
Liner		4"		3308-3365'			

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	3134'-3150'	Class A	2	None

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	
	4 spf	2960'-2965'	Toronto	
4 spf	3060'-3073'	L-KC "A"	CIBP @ 3150'	
4 spf	3088'-3093'	L-LC "B"		
4 spf	3109'-3112'	L-KC "C"		750 gal 15% NE acid w/Clay Stay

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		2 7/8"	3127'			
Date of First, Resumed Production, SWD or Inj. 11/30/95			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. 18	Gas Mcf ----	Water Bbls. 136	Gas-Oil Ratio ----	Gravity 40	

Disposition of Gas: N/A METHOD OF COMPLETION Production Interval  
 Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 2960'-3112'  
 (If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_