

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

15-009-03105 0001
ORIGINAL
API NO. 15- N/A
County Barton
NW - NE - NE - SE Sec. 28 Twp. 16S Rge. 11 X W
330 Feet from S/N (circle one) Line of Section
4290 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 # 3
Field Name Kraft-Prusa
Producing Formation L-KC "B" & "G"
Elevation: Ground 1903' KB 1906'
Total Depth 3329' PBDT 3301'
Amount of Surface Pipe Set and Cemented at 739' 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.

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, WSH, Expl., Cathodic, etc)

If Workover:
Operator: Pan American Petroleum Corp.
Well Name: E. F. Esfeld #3
Comp. Date 10-22-96 Old Total Depth 3335'
X ACIDIZED
Deepening _____ Re-perf. _____ Conv. to Inj/SWD
X Plug Back 3301' PBDT
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____
10/30/95 11/3/95
Start Date of WORKOVER Date Reached TD Completion Date of WORKOVER

Drilling Fluid Management Plan REWORK 9/1-19-96
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
_____ 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 1/29/96
Subscribed and sworn to before me this 9th day of January 19 96.
Notary Public Judy E. Atkins
Date Commission Expires 4/19/97

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

RECEIVED
CORPORATION COMMISSION
JAN 18 1996
01-12-96

SIDE TWO

Operator Name Hallwood Petroleum, Inc. Lease Name E. F. Esfeld Well # 3

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	L-KC "B"	3075'	(-1169)
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	L-KC "G"	3132'	(-1226)
List All E.Logs Run:				

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#	739'	8-V	325	
Production	7 7/8"	5 1/2"	14#	3329'	8-R	150	

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 type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	3301'	CIBP	2	

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	3075'-3078'	L-KC "B"	300 gal 15% HCl NE w/Clay Stay
4 spf	3132'-3134'	L-KC "G"	250 gal 15% NE w/Clay Stay	
	<i>CIBP @ 3301'</i>			

TUBING RECORD		Size	Set At	Packer At	Liner Run			
		2 7/8"	3147'	3068'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First, Resumed Production, SWD or Inj. 11/15/95			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.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
		.75		----		93	----	40

Disposition of Gas: N/A METHOD OF COMPLETION : Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 3075'-3134'

(If vented, submit ACO-18.) Other (Specify) _____