

15-051-19128-00-01

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

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: \_\_\_\_\_

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:  
Operator: Clinton Oil Company  
Well Name: Carmichael A #3  
Comp. Date 8/29/95 Old Total Depth 3339'  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back 3300' PBDT  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
9/12/95 Date of REENTRY  
--- Date Reached TD  
9/20/95 Completion Date

API NO. 45-ND-627 PRE-1967 ORIGINAL

County Ellis  
N/2 - SW - NW - Sec. 18 Twp. 11S Rge. 17 X W

3630' Feet from (S)N (circle one) Line of Section  
4620' 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 Carmichael A Well # 3  
Field Name Bemis Shutts

Producing Formation Lansing-Kansas City

Elevation: Ground 1852' KB N/A

Total Depth 3339' PBDT 3300'

Amount of Surface Pipe Set and Cemented at 65 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan REENTRY JH 12-11-95  
(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 STATE/09/95  
Subscribed and sworn to before me this 10th day of November  
19 95.  
Notary Public Judy E. Atkins  
Date Commission Expires 4/19/97

K.C.C. OFFICE USE ONLY  
Letter of Confidentiality Attached   
Wireline Log Received   
Geologist Report Received   
Distribution  
 SWD/Rep  NGPA  
 Plug  Other  
(Specify)  
KCC   
KGS   
NOV 13 1995

**SIDE TWO**

Operator Name Hallwood Petroleum, Inc. Lease Name Carmichael A Well # 3

Sec. 18 Twp. 11S Rge. 17  East  West  
 County Ellis

**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					
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		<input type="checkbox"/> Log	<b>Formation (Top), Depth and Datums</b>	<input type="checkbox"/> Sample	
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		Name	Top	Datum	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		Plattsmouth	2963'	(-1111')	
List All E.Logs Run:				L-KC "C"	3082'	(-1230')	
Gamma Ray Neutron				L-KC "F"	3124'	(-1272')	
				L-KC "G"	3142'	(-1290')	

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		15 1/2"		65'		85	
		10"	32.75#	1097'		400	
Production		5 1/2"	17#	3338'		200	

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	3300'	PBDT	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	2963-2980' Plattsmouth	1500 gal 15% NE w/Clay Stay
4 spf	3082-3092' L-KC "C"	1000 gal 15% NE w/Clay Stay
4 spf	3124-3132' L-KC "F"	2000 gal 15% NW w/Clay Stay
4 spf	3142-3152' L-KC "G"	& 600# diverting agents

<b>TUBING RECORD</b>	Size 2 7/8	Set At 3295'	Packer At ----	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 9/21/95	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 17 Bbls.	Gas -0- Mcf	Water 122 Bbls.	Gas-Oil Ratio N/A Gravity 31

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

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 2963-3152'  
 (If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_