

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: N/A

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  SIOW  Temp. Abd.

Gas  ENHR  SIGW

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

If Workover:

Operator: Hallwood Petroleum, Inc.

Well Name: Heyen "B" #12

Comp. Date 10/4/90 Old Total Depth 3640'

Deepening  Re-perf.  Conv. to Inj SWD

Plug Back  PBTD

Conmingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?)  Docket No. \_\_\_\_\_

9/13/95 9/13/95

Start Date OF START Date Reached TD Completion Date OF WORKOVER

API NO. 15- 185-22,709 <sup>00-03</sup> ~~0003~~

County Stafford **ORIGINAL**

SE - NW - NE - SW Sec. 31 Twp. 22S Rge. 11 X W

4290 Feet from (S)N (circle one) Line of Section

1650 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 Heyen "B" Well # 12

Field Name Richardson

Injection Producing Formation LANSING "F"

Elevation: Ground 1815' KB 1820'

Total Depth 3640' PBTD 3500'

Amount of Surface Pipe Set and Cemented at 269 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 REWORK 9/10-3-95  
(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 9/29/95

Subscribed and sworn to before me this 29th day of September, 19 95.

Notary Public Judy E. Atkins

Date Commission Expires 4/19/97

RECEIVED  
OCT 7 1995  
KANSAS CORPORATION COMMISSION  
OIL AND GAS DIVISION  
WICHITA, KANSAS

10-2-95

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

**SIDE TWO**

Operator Name Hallwood Petroleum, Inc. Lease Name Heyen "B" Well # 12

Sec. 31 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: None

Log  Sample  
**Formation (Top), Depth and Datums**  
 Name Top Datum  
 L-KC "F" 3301' (-1481')

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"	24#	269'	60/40 Poz	225	see attached
Production	7 7/8"	5 1/2"	14#	3645'	Common	175	see attached

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				

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	3301 - 09'	L-KC "F"	1600 gal 15% NE w/Clay Stay

**TUBING RECORD** Size 2 7/8" Set At 3300' Packer At 3267' Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 9/13/95 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours  
 Oil ----- Bbls. Gas ----- Mcf Water: 50 Bbls. Gas-Oil Ratio ----- Gravity -----

Disposition of Gas: **METHOD OF COMPLETION** Injection ~~Production~~ Interval  
 Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 3301 - 09'  
 (If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

HALLWOOD PETROLEUM, INC.

ORIGINAL

HEYEN 'B' #12

Sec. 31-T22S-R11W  
API #185-22,709

## Surface:

125 SX 60/40 poz 3% cc, 2% gel. Tailed w/100 sx 60/40 poz 3% cc  
nogel.

## Production:

75 sx common, 5% EA2, 10% salt, .75% Halid 322. Tailed w/100 sx  
common w/5% EA2, 10% salt .75% Halid 322, 1/4# sk Flocele, 5#/sk  
gilsonite.RECEIVED  
STATE CORPORATION COMMISSION  
OCT - 2 1995  
CONSERVATION DIVISION  
Wichita, Kansas