

00-02

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- 033, 01, 002-001  
County Comanche  
C - NE - NW - Sec. 5 Twp. 34S Rge. 17 X W  
4620 Feet from (S) N (circle one) Line of Section  
3300 Feet from (E) W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, (E) NW or SW (circle one)  
Lease Name Harper Well # 1  
Field Name Beals  
Producing Formation Wabaunsee  
Elevation: Ground 1857' KB 1862'  
Total Depth 3500' PBDT 3400'  
Amount of Surface Pipe Set and Cemented at 246 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.

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: Hallwood Petroleum, Inc.  
Operator Contact Person: Nonya K. Durham  
Phone (303) 850-6257  
Contractor: Name:  
License:  
Wellsite Geologist:

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

Drilling Fluid Management Plan 8-18-95  
(Data must be collected from the Reserve Pit)

\*ALL INFO PROVIDED REPRESENTS FRONTIER OIL'S ACTIONS ONLY

If Workover:  
Operator: Frontier Oil Company  
Well Name: Harper #1  
Comp. Date 1-21-86 Old Total Depth 3498.60  
Deepening Re-perf. Conv. to Inj/SWD  
Plug Back PBDT  
Commingled Docket No.  
Dual Completion Docket No.  
Other (SWD or Inj?) Docket No.  
Date of START Date Reached TD Completion Date of WORKOVER

Chloride content ppm Fluid volume bbls  
Dewatering method used  
Location of fluid disposal  
Operator Name  
Lease Name License No.  
Quarter Twp. S Rng. E/W  
County Docket No.

RECEIVED  
6-19-95  
JUN 19 1995  
KANSAS CORPORATION COMMISSION  
CONFIDENTIAL

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 6/15/95  
Subscribed and sworn to before me this 15th day of June 1995.  
Notary Public Judy E. Atkins  
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  
KCC SWD/Rep NGPA  
KGS Plug Other (Specify)

**SIDE TWO**

Operator Name Hallwood Petroleum, Inc. Lease Name Harper Well # 1

Sec. 5 Twp. 34S Rge. 17  East  West  
 County Comanche

**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 Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No List All E.Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input checked="" 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
Production	7 7/8"	5 1/2"	14#	3500'	Common	350	10% SaH

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	3354-3366	250 gal. 15% demulsion	3354-3366
4	3366-3380	500 gal., 15% regular acid	3366-3380

<b>TUBING RECORD</b>	Size <u>2 3/8"</u>	Set At <u>3380</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. <u>1/21/86</u>	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil <u>-0-</u> Bbls.	Gas <u>3/95</u> Mcf	Water <u>2.8</u> Bbls.	Gas-Oil Ratio <u>-0-</u>	Gravity <u>.625</u>
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Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled 3354-3380'

Other (Specify) \_\_\_\_\_