

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

Operator: License # 03613Name: Hallwood Petroleum, Inc.Address 4582 S. Ulster St. Parkway#1700P.O. Box 378111City/State/Zip Denver, CO 80237Purchaser: Koch Oil CompanyOperator Contact Person: George HuttonPhone (316) 792-2756Contractor: Name: Allen Drilling Co.License: 5418Wellsite Geologist: Jim Musgrove

## 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/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PSTD☐ Commingled ☐ Docket No. \_\_\_\_\_☐ Dual Completion ☐ Docket No. \_\_\_\_\_☐ Other (SWD or Inj?) ☐ Docket No. \_\_\_\_\_8/7/91 8/14/91 8/30/91

Spud Date Date Reached TD Completion Date

API NO. 15- 167-22,989County RussellSE - SE - SW - Sec. 4 Twp. 15 Rge. 13 XX E330 Feet from S/W (circle one) Line of Section3020 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)Lease Name Letsch B Well # 9Field Name TrappProducing Formation ArbuckleElevation: Ground 1761 KB 1766Total Depth 3350 PSTD \_\_\_\_\_Amount of Surface Pipe Set and Cemented at 727 FeetMultiple 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 AIR  
(Data must be collected from the Reserve Pit)Chloride content 7500 ppm Fluid volume 287 bblsDewatering method used evaporation

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 Mary D. HallTitle Sr. Eng. Tech.Date 3/26/92Subscribed and sworn to before me this 26th day of March, 19 92.Notary Public Judy E. AtkinsDate Commission Expires 4/19/93

K.C.C. OFFICE USE ONLY	
F	STATEMENT OF Confidentiality Attached
C	<input checked="" type="checkbox"/> Wireline Logs Received
C	<input checked="" type="checkbox"/> Geologist Report Received
319301992	
CONSERVATION DIVISION	Wichita, Kansas
SWD/Rep	Plug
NGPA	Other (Specify)

Operator Name Hallwood Petroleum, Inc.Lease Name Letsch BWell # 9Sec. 4 Twp. 15 Rge. 13  
☐ East  
☒ WestCounty Russell

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:

 CDL/DSN  
CAL  
MICRO  
DUAL GUARD

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Anhydrite	726'	+1040'
Topeka	2630'	- 864'
Heebner	2858'	-1092'
Toronto	2874'	-1108'
Douglas	2892'	-1126'
Lansing	2925'	-1159'
Base Kansas City	3178'	-1412'
Arbuckle	3219'	-1453'

## CASING RECORD

☐ New ☒ 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"	28#	727	60/40 poz	350	3%cc 2% gel
					60/40 poz	100	3% cc
Production	7 7/8"	5 1/2"	14#	3347	common	225	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)
4	3221-29'	300 gals 7 1/2% NE acid

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 7/8"	3324	N/A		
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
8/30/91					
Estimated Production Per 24 Hours	Oil 59 Bbls.	Gas 0 Mcf	Water 221 Bbls.	Gas-Oil Ratio 0	Gravity 39

Disposition of Gas:

☐ Vented ☐ Sold ☐ Used on Lease  
(If vented, submit ACO-18.)

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled

Production Interval

3221-29'