

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

Operator: License # 03613

Name: Hallwood Petroleum, Inc.

Address 4582 S Ulster St. Parkway #1700

P.O. Box 378111

City/State/Zip Denver, CO 80237

Purchaser: Koch Oil Company

Operator Contact Person: George Hutton

Phone (316) 792-2756

Contractor: Name: Allen Drilling Co.

License: 5418

Wellsite Geologist: Jim Musgrove

Designate Type of Completion

 New Well Re-Entry Workover

<input checked="" type="checkbox"/> Oil	<input type="checkbox"/> SWD	<input type="checkbox"/> SLOW	<input type="checkbox"/> Temp. Abd.
<input type="checkbox"/> Gas	<input type="checkbox"/> ENHR	<input type="checkbox"/> SIGW	
<input type="checkbox"/> Dry	<input type="checkbox"/> 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 _____ PBD

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- 167-22,989

County Russell

SE - SE - SW - Sec. 4 Twp. 15 Rge. 13 XX W

330 Feet from S/N (circle one) Line of Section

3020 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 Letsch B Well # 9

Field Name Trapp

Producing Formation Arbuckle

Elevation: Ground 1761 KB 1766

Total Depth 3350 PBD

Amount of Surface Pipe Set and Cemented at 727 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/ _____ s/cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) B152

Chloride content 7500 ppm Fluid volume 287 bbls

Dewatering 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. Fall

Title Sr. Eng. Tech. Date 3/26/92

Subscribed and sworn to before me this 26th day of March, 1992.

Notary Public Judy E. Atkins

Date Commission Expires 4/19/93

STATE		K.C.C. OFFICE USE ONLY
<input type="checkbox"/> F	<input checked="" type="checkbox"/> C	Master of Confidentiality Attached
<input checked="" type="checkbox"/> C	<input type="checkbox"/> C	Wireline Log Received
<input checked="" type="checkbox"/> C	<input type="checkbox"/> C	Geologist Report Received
143 Distribution		143 Distribution
CONTRACTOR		CONTRACTOR
WELL NUMBER		WELL NUMBER
WELL LOCATION		WELL LOCATION
WELL TYPE		WELL TYPE
WELL STATUS		WELL STATUS
WELL COMPLETION		WELL COMPLETION
WELL TESTS		WELL TESTS
WELL LOGS		WELL LOGS
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Operator Name Hallwood Petroleum, Inc.Lease Name Letsch BWell # 9Sec. 4 Twp. 15 Rge. 15 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
(Attach Additional Sheets.)

Yes No

Log Formation (Top), Depth and Datum

Sample

Samples Sent to Geological Survey

Yes No

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'

Cores Taken

Yes No

Electric Log Run
(Submit Copy.)

Yes No

List All E.Logs Run:

CDL/DSN

CAL

MICRO

DUAL GUARD

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	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate	Top			
Protect Casing	Bottom			
Plug Back TD				
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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	59	0	221	0	39

Disposition of Gas:

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

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled

Production Int.

3221-29'