

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

Operator: License # 3613Name: Hallwood Petroleum, Inc.Address 4582 S. Ulster Street Parkway, #1700P.O. Box 378111City/State/Zip Denver, Colorado 80237Purchaser: Koch Oil CompanyOperator Contact Person: Nonya K. DurhamPhone (303) 850-6257

Contractor: Name: _____

License: _____

Wellsite Geologist: _____

Designate Type of Completion

 New Well X Re-Entry Workover

X 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" 12Comp. Date 10/4/90 Old Total Depth 3640'

 Deepening X Re-perf. Conv. to Inj/SWD
X Plug Back 3500 PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

4-11-9506-31-954-13-95

Spud Date OF START Date Reached TD Completion Date OF
OF WORKOVER WORKOVER

API NO. 15- 185-22,709 0001County StaffordSE - NW - NE - Sec. 31 Twp. 22S Rge. 11 X W4290 Feet from S/N (circle one) Line of Section1650 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE NW or SW (circle one)Lease Name Heyen "B" Well # 12Field Name RichardsonProducing Formation Lansing-Kansas City "F"Elevation: Ground 1815' KB 1820'Total Depth 3640' PBTD 3500'Amount of Surface Pipe Set and Cemented at 269 FeetMultiple Stage Cementing Collar Used? Yes X NoIf yes, show depth set FeetIf Alternate II completion, cement circulated from feet depth to w/ sx cmt.Drilling Fluid Management Plan REWORK 8-18-95
(Data must be collected from the Reserve Pit)Chloride content ppm Fluid volume bblsDewatering method used Location of fluid disposal if hauled offsite: Operator Name Lease Name License No. Quarter Sec. Twp. S Rng. E/WCounty 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. DurhamTitle Production Technician Date 6-15-95Subscribed and sworn to before me this 15th day of June, 1995.Notary Public Judy E. AtkinsDate 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 Heyen "B" Well # 12Sec. 31 Twp. 22S Rge. 11 ☐ EastCounty Stafford☒ West

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 ☒ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☐ Yes ☒ No
(Submit Copy.)

List All E.Logs Run:

☐ Log Formation (Top), Depth and Datums ☐ SampleName
LKC "F"Top
3301'Datum
(-1481')

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"	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	3301-3309' Lansing-Kansas City "F"	1600 gal. 15% NE w/clay-stay	3309'
	CIBP @ 3500'		
2	3583'-3586' + 3594'-3597' + 3603'-3607'		
TUBING RECORD	Size 2 7/8"	Set At 3495'	Packer At
			Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 04-18-95	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 Bbls. Trace 1%	Gas --- Mcf	Water Bbls. 98 Gas-Oil Ratio N/A Gravity 37.2

Disposition of Gas: METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☒ Used on Lease
(If vented, submit ACO-18.)☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 3301-3309'
☐ Other (Specify) _____

ORIGINAL

HALLWOOD PETROLEUM, INC.

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
JUN 1 9 1995
CONSERVATION DIVISION
WICHITA, KANSAS