

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

File

Operator: License # 30535
Name: Hartman Oil Co., Inc.
Address: 12950 E 13th St. N.
City/State/Zip: Wichita, Ks. 67230-1457
Purchaser: NCRA
Operator Contact Person: Stan Mitchell
Phone: (620) 277-2511
Contractor: Name: Abercombie RTD, Inc.
License: 30684
Wellsite Geologist: Wes Hansen

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: _____

Original Comp. Date: _____ Original Total Depth: _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD

☐ Plug Back ☐ Plug Back Total Depth

☐ Commingled ☐ Docket No. _____

☐ Dual Completion ☐ Docket No. _____

☐ Other (SWD or Enhr.?) ☐ Docket No. _____

7-12-04 7-23-04 8-4-04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 055-21835-0000

County: Finney

NE Sec. 17 Twp. 22 S. R. 33 ☐ East ☒ West

2170 feet from S ☒ (circle one) Line of Section

860 feet from ☒ W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) ☒ NE ☐ SE ☐ NW ☐ SW

Lease Name: Finnup B Well #: # B-13

Field Name: Damme

Producing Formation: Morrow - 4670-80'

Elevation: Ground: 2893' Kelly Bushing: 2898'

Total Depth: 4904' Plug Back Total Depth: 4875'

Amount of Surface Pipe Set and Cemented at 335' - w/ 225 sxs Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set 2736' Feet

If Alternate II completion, cement circulated from 4904

feet depth to surface w/ 975 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 1800 ppm Fluid volume 8000 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: **RECEIVED**

Operator Name: SEP - 1 2004

Lease Name: _____ License No. **KCC-WICHITA**

Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: S.T. Mitchell

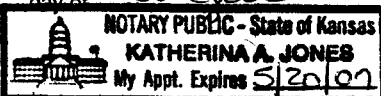
Title: Production supervisor Date: 8-31-04

Subscribed and sworn to before me this 31st day of August

20 04

Notary Public: Katherina A. Jones

Date Commission Expires: May 20, 2007



KCC Office Use ONLY

☐ Letter of Confidentiality Received
If Denied, Yes ☐ Date: _____
☐ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution

Operator Name: Hartman Oil Co., Inc. Lease Name: Finnup B Well #: # B-13
 Sec. 17 Twp. 22 S. R. 33 ☐ East ☒ West County: Finney

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:

Dual Compensated Porosity Log - Daul Induction
 Log - Microresistivity Log - Sonic Cement Log

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

Name	Top	Datum
Heebner	3790'	-892'
Lansing	3834'	-936'
Pawnee	4394'	-1496'
Fort Scott	4424'	-1526'
Cherokee	4441'	-1543'
Morrow Shale	4631'	-1733'
Morrow Sand	4666'	-1768'
Missippian	4692'	-1794'

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	12-3/4"	8-5/8"	23#	335'	common	225	3 % CC - 2 % gel
Production	7-7/8"	5-1/2"	14#	4904'	Lite & ASC	625 & 350	w/1/4 # Floseal

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ 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)	Depth
(2 / SPF)	4670-80'	1750 GAL 7-1/2 % ACID	

RECEIVED
 SEP - 1 2004
 KCC WICHITA

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8"	4834'	N/A	☐ Yes ☒ No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
8-20-04	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	18		-0-	

Disposition of Gas

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____