

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30535
Name: HARTMAN OIL CO., INC.
Address: 1223 N. ROCK RD BLDG A/200
City/State/Zip: WICHITA, KS 67206
Purchaser: N/A
Operator Contact Person: STAN MITCHELL
Phone: (620) 277-2511
Contractor: Name: STERLING DRILLING
License: 5142
Wellsite Geologist: JON CHRISTENSEN

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW 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. D 28080
Pandberg
8/27/02 _____ 9/08/02 _____ 9/18/02 _____
Spud Date or _____ Date Reached TD _____ Completion Date or _____
Recompletion Date _____ Recompletion Date _____

API No. 15 - 15-077-21,431-00-00
County: HARPER
W/ SW SE Sec. 32 Twp. 33 S. R. 8 East West
660' feet from (S) / N (circle one) Line of Section
2310' feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: ZIMMERMAN C Well #: 3
Field Name: UNNAMED
Producing Formation: _____
Elevation: Ground: 1318' Kelly Bushing: 1327'
Total Depth: 5400' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 277' 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.

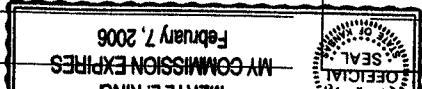
Drilling Fluid Management Plan File 1 En 10-2-02
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ 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: [Signature]
Title: President Date: 9/20/92
Subscribed and sworn to before me this 20th day of September,
2002.
Notary Public: [Signature]
Date Commission Expires: 2/7/06

KCC Office Use ONLY
 NO Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
UIC Distribution



Operator Name: HARTMAN OIL CO., INC. Lease Name: ZIMMERMAN C Well #: 3
 Sec. 32 Twp. 33 S. R. 8 East West County: HARPER

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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes	No	Log	Formation (Top), Depth and Datum	Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	No	Name	Top	Datum
Cores Taken	Yes	<input checked="" type="checkbox"/> No	HEEBNER	3413'	-2085
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes	No	DOUGLAS SS	3506'	-2176
List All E. Logs Run:			FORT SCOTT	4410'	-3084
DUAL INDUCTION			MISSISSIPPI	4581'	-3093
DUAL COMPENSATED POROSITY LOG			ARBUCKLE	5170'	-3843
MICRORESISTIVITY LOG					

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 SEP 24 2002
 KCC WICHITA

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
SURFACE	12 1/4"	8 5/8"	24#	277'	60/40	210	3% c.c.
PRODUCTION	7 7/8"	5 1/2"	15 1/2"	5191'	60/40	200	4% gel &
							5# Kolsol

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD	Size 2 7/8"	Set At 5153'	Packer At 5153'	Liner Run Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. PENDING APPROVAL 9/25/02	Producing Method Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <input type="checkbox"/>			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas Vented Sold Used on Lease Other (Specify) _____

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled _____

Production Interval _____