

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

ORIGINAL

Operator: License # 5488
Name: TWM PRODUCTION COMPANY
Address: 1150 HIGHWAY 39
City/State/Zip: CHANUTE, KANSAS 66720
Purchaser: CMI
Operator Contact Person: MIKE OR CAROL WIMSETT
Phone: (620) 431-4137
Contractor: Name: MCPHERSON DRILLING
License: 5675
Wellsite Geologist:

API No. 15 - 001-28893-0000
County: ALLEN
S/2 - NE - Sec. 22 - Twp 26 S. R. 18 East West
1497 feet from S N (circle one) Line of Section
1320 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: CANNON A Well # A-4
Field Name: CHANUTE/HUMBOLDT
Producing Formation: CATTLEMAN
Elevation: Ground: N/A Kelly Bushing: N/A
Total Depth: 903 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 20.5 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 980
feet depth to TOP w/ 150 sx cmt.

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 _____
Plug Back _____ Plug Back Total Depth _____
Commingled _____ Docket No. _____
Dual Completion _____ Docket No. _____
Other (SWD or Enhr.?) _____ Docket No. _____

1/24/2001	1/25/2001	2-3-2001
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WICHITA, KANSAS
FEB 15 2001

Drilling Fluid Management Plan APP. II KGR 8/13/07
(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: _____

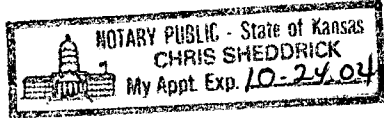
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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 CPA 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: Carol W. Wimssett
Title: OFFICE MANAGER Date: 2-12-2001
Subscribed and sworn to before me this 12 day of FEBRUARY
19 2001
Notary Public: Chris Sheddric
Date Commission Expires: Oct 24, 2004

KCC Office Use ONLY

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



Operator Name: TWM PRODUCTION COMPANY Lease Name: CANNON A well #: A-4
 Sec. 22 Twp. 26 S. R. 18 East West County: ALLEN

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:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

CASING RECORD <input 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 PIPE	11"	6 1/4"		21.5	STANDARD	4	PORTLAND
CASING	6-3/4	2-7/8"		800	STANDARD	150	PORTLAND

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TO				
___ 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	PERFORATED AT 803.0 TO 824.5	FRACK WELL W/40 SACKS SAND	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8	BOTTOM	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumered Production, SWD or Enhr.		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 Bbis.	Gas Mcf	Water Bbis.	Gas-Oil Ratio	Gravity
	6				

Disposition of Gas Vented Sold Used on Lease (If vent, Sumit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

API NO. 15- 001-28893

S. 22 T. 26 R. 18e

LOCATION: 177' N of C SE

COUNTY: Allen

ORIGINAL

OPERATOR: TWM Production Company
 ADDRESS: 1150 Highway 39 Chanute, KS 66720

WELL NO. A-4 LEASE NAME: Cannon A
 FOOTAGE LOCATION: 1497 ft. FROM THE South LINE
 1320 ft. FROM THE East LINE

PRINCIPLE CONTRACTOR: McPherson/KMAC Rig # 3
 SPUD DATE: 1/24/01
 COMPLETED DATE: 1/25/01
 TOTAL DEPTH: 903' GEOLOGIST: Mike Wimsett

CASING RECORD

	SURFACE	PRODUCTION	COMMENTS:
SIZE HOLE:	11"	6 3/4"	
SIZE CASING:	7"		
WEIGHT:			
SETTING DEPTH:	21.5'		
TYPE CEMENT:	Portland		
SACKS:	4		

WELL LOG

FORMATION	TOP	BOTTOM	FORMATION	TOP	BOTTOM	FORMATION	TOP	BOTTOM
lime	0	27	shale	615	620			
shale	27	115	sand	620	627			
lime	115	129	shale	627	704			
Sandy shale	129	137	lime	704	705			
lime	137	155	shale	705	766			
sandy lime	155	169	oil sand	766	774			
shale	169	193	shale	774	800			
lime	193	212	oil sand	800	829			
shale	212	217	shale	829	890			
lime	217	270	oil sand	890	903 TD			
shale	270	407						
lime	407	409						
shale/coal	409	413						
lime	413	445						
sandy shale	445	479						
sand	479	503						
shale	503	525						
lime	525	528						
coal/shale	528	530						
lime	530	555						
black shale	555	588						
lime	588	604						
shale/coal	604	610						
lime	610	615						