SIDE ONE

15-033-00025-0001 (DRL, 1-25-2006)

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

API NO. 15- ~~033-01007~~ 033-00025-0001 (DRL, 1-25-2006)

County Comanche

NW NW NW Sec. ~~X~~ 17 (DRL, 1-25-2006) Twp. 31S Rge. 18 __ East X West

4950 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Operator: License # 5673
Name W.L. Kirkman
Address P.O. Box 782290
9440 Boston
City/State/Zip Wichita, Ks. 7278-2290

Lease Name Swarner Well # 1

Purchaser Clear Creek & Shut In gas well

Field Name Wildcat

Operator Contact Person Mike Kirkman
Phone 316-672-7471

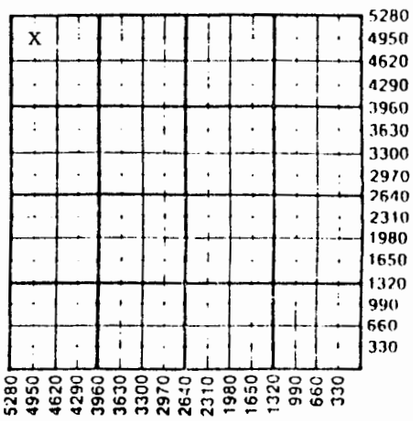
Producing Formation Marmation

Elevation: Ground 2206 KB 2212

Contractor: License # 5122
Name Woodman - Iannitti

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

Section Plat



Wellsite Geologist None
Phone

RECEIVED
STATE CORPORATION COMMISSION
DEC 19 1988
CONSERVATION DIVISION
Wichita, Kansas

Designate Type of Completion
__ New Well X Re-Entry __ Workover

X Oil __ SWD __ Temp Abd
X Gas __ Inj __ Delayed Comp.
__ Dry __ Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator E. K. Carey Drilling Co.
Well Name Swarner #1
Comp. Date 3/19/58 Old Total Depth 5250'

WELL HISTORY

Drilling Method:
X Mud Rotary __ Air Rotary __ Cable

4-15-88 4-16-88 4-22-88
Spud Date Date Reached TD Completion Date

5233.88 5200
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 486 feet
Multiple Stage Cementing Collar Used? __ Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt
Cement Company Name
Invoice #

WATER SUPPLY INFORMATION

Disposition of Produced Water: __ Disposal
Docket # __ Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

__ Groundwater Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge __ East __ West

__ Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge __ East __ West

X Other (explain) Great Plains Fluid
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. Submit CP-111 form with all plugged wells. Submit CP-4 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 Michael W. Kirkman Michael W. Kirkman
Title Field Supervisor Date 12/13/88

Subscribed and sworn to before me this 13 day of December 19 88
Notary Public Jane King
Jane King
Date Commission Expires 10/07/90

K.C.C. OFFICE USE ONLY
F __ Letter of Confidentiality Attached
C __ Wireline Log Received
C __ Drillers Timelog Received
Distribution
__ KCC __ SWD/Rep __ NGPA
X KGS __ Plug __ Other (Specify)

Form ACO-1 (5-86)

SIDE TWO

Operator Name W.L. Kirkman Lease Name Swarner Well # 1

Sec. 17 Twp. 31S Rge. 18 ☐ East ☐ West County Comanche

WELL LOG

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
Samples Sent to Geological Survey	☐ Yes	☒ No
Cores Taken	☐ Yes	☒ No

Formation Description ☒ Log ☐ Sample

Name	Top	Bottom
Heebner	4280	-2265
Toronto	4300	-2085
Douglas Shale	4316	-2101
Brown Lime	4453	-2238
Lansing-KC	4470	-2255
Base KC	4852	-2637
Marmaton	4878	-2663
Cherokee	5068	-2853
Mississippi	5139	-2924
RTD	5250	-3035

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	"	8 5/8		489	Dosmix	325	2% gel
production	7 7/8	5½	15.5	4097-5230	60\40	200	2%gel-3/4 of
" "	"	"	14#	KB-4097	pozmix		1%CFR2-10%salt

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 shots	4985 to 4989	1000 gallons 15% N.E.	

TUBING RECORD Size 2 3/8 Set At 4993.67 Packer at No Liner Run ☐ Yes ☒ No

Date of First Production: Shut in gas well

Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours		1.8 MMCFD			
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☒ Sold ☐ Used on Lease

☐ Open Hole ☒ Perforation

☐ Other (Specify) .....

☐ Dually Completed ☐ Commingled

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