

23-8-18W *and*

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

Operator: License # 4316  
Name Class Oil  
Address 210 West 34th  
City/State/Zip Hays, Kansas 67601

Purchaser Farmland Ind.

Operator Contact Person Thomas M. Brown  
Phone 1 913 434 7141

Contractor: License # 5302  
Name Red Tiger Drilling Company

Wellsite Geologist Thomas M. Brown  
Phone 1 913 434 7141

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If ONWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
4/3/89 4/8/89 4/22/89  
Spud Date Date Reached TD Completion Date  
3,460' 3,440'  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 198 feet  
Multiple Stage Cementing Collar Used? Yes No X  
If yes, show depth set feet  
If alternate 2 completion, cement circulated  
from 1,300 feet depth to Surface 350 SX cmt  
Cement Company Name Halliburton  
Invoice # 650824

API NO. 15-163-23.037  
County Rooks  
1540' FEL;  
330' FSL SE/4 Sec. 23 Twp. 8S Rge. 18W East  
West

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

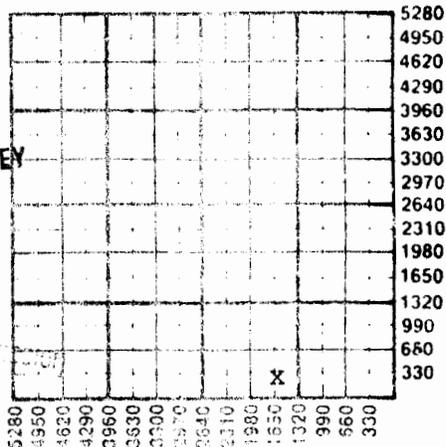
Lease Name Ruder Well #. 3

Field Name Maddy

Producing Formation Topeka - I/Kc

Elevation: Ground 1973 KB 1978

Section Plat



AUG 03 1989

KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH

RECEIVED

AUG - 4 1989

STATE CORPORATION COMMISSION  
WICHITA, KANSAS  
WATER SUPPLY REGULATION

Disposition of Produced Water:  Disposal  
Docket # N/A  Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Panel #  
 Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
Sec Twp Rge East West

Surface Water 4400 Ft North from Southeast Corner  
4800 Ft West from Southeast Corner  
(Stream, pond etc.)  
Sec 26 Twp 8S Rge 19W East X West

Leta Bouchey, Stockton, Ks. 67669  
Other (explain)  
(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-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

1101-2-89

SIDE TWO

Operator Name Class Oil Lease Name Ruder Well # 3

Sec. 23 Twp. 8S Rge. 18W  East  West County Rooks

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
Anhydrite	1298	1333
Topeka	2900	
Heebner	3112	
Toronto	3135	
Lans-K/C	3155	3377
Arbuckle	3410	

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	12 Bbls	xxx MCF	170 Bbls	CFPB	32.5

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....

3059-3352.....

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"	20#	205'	Common	135	2% Gel 3% CC
Production	7 7/8"	4 1/2"	10.5#	3,458'	60/40 Poz	150	2% CC 1/4# Floeal

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	3349-52	1,250 gal 20%	
4	3324-28	1,250 gal 20%	
4	3059-64	1,500 gal 28%	

TUBING RECORD

Size 2-3/8 Set At 3430 Packer at No

Liner Run  Yes  No

Date of First Production 4/22/89 Producing Method

Flowing  Pumping  Gas Lift  Other (explain).....