

\* CORRECTION

SIDE ONE

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 # 6280  
Name H.K. & W. Oil Operations, Inc.  
Address P.O. Box 1851  
City/State/Zip Salina, KS 67401

Purchaser Farmland Industries  
Re-cc

Operator Contact Person Orville Kaufman  
Phone 316-793-7327

Contractor: License # 5929  
Name Duke Drilling Co., Inc.

Wellsite Geologist Michael W. Bair  
Phone Hays, Ks.

Designate Type of Completion

New Well  Re-Entry  Workover

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

If OWWO: old well info as follows:

Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

4-13-85 4-18-85 4-26-85  
Spud Date Date Reached TD Completion Date

3401' 1227'  
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 1227 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
if alternate 2 completion, cement circulated  
from.....feet depth to.....w/.....SX cmt

API NO. 15-163-22,669-00-00

County Rooks

NW NE NE Sec 31 Twp 7 Rge 19  East  West

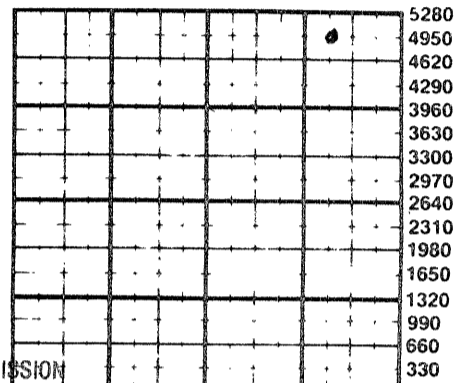
4950 Ft North from Southeast Corner of Section  
990 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Schoeller Well # 3

Field Name ~~Herber Ext.~~ Reservoir West \*

Producing Formation Arbuckle

Elevation: Ground 1940 KB 1945  
Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
6/17/85  
JUN 17 1985

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

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, 2310 Ft North from Southeast Corner  
(Stream, pond etc).....Ft West from Southeast Corner  
Sec 32 Twp 7 Rge 19  East  West

Other (explain).....  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 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.

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 Orville Kaufman

Title Partner Date 6-12-85

Subscribed and sworn to before me this 12 day of June

1985 Notary Public Dorothy M. Hague

Date Commission Expires 4-29-86

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

Sec 31 Twp 7 Rge 19 W

SIDE TWO

Operator Name H. K. & W Oil Operations, Inc. Lease Name Schoeller Well # 3

Sec. 31 Twp. 7 Rge. 19  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
DST #1 3210-3240' 30/45/45/45/ IH 1698, FH 1683 IF 87, FIF 244, ISIP 1169, SIF 288, SFF 477, SSIP 1151; Strong blow, increased to bottom of bucked blow in 15 min. 2nd Flow: 5" blow and remained throughout. recovered 500' cut gassy water w/trace of oil, 480' slightly oil specked gassy water		Howard	2842'	
		Severy	2888'	
		Topeka	2900'	
		Heebner	3100'	
		Toronto	3126'	
		Kansas City	3140'	
		Base K.C.	3356'	
		Arbuckle	3394'	
		RTD	3401'	
	DST #2 3395-3401' 45/45/45/45/ IH 1912, FH 1793, IF 44, FIF 46, ISIP 797, SIF 111, SFF 119, SSIP 775; 1st flow: 4" blow & remained, 2nd flow: 2" blow, remained. Recovered 120' gas in pipe above fluid, 330' Total Fluid, 210' Clean gassy oil, 120' mud cut gassy oil			

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"	23#	1227'	Howco Lite	200	
Production	7-7/8"	5 1/2"	14#	3397'	50/50poz EA-2	200 75	2% gel 3% cc 75% CFR-2
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
	none			500 gals. acid		bottom of hole	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size	Set At	Packer at					
2 1/2"	3393'	no					
Date of First Production	Producing Method						
4-26-85	<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	Gas	Water	Gas-Oil Ratio	Gravity		
	12 Bopd.		50 Bwpd.		?		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed .....  
 Commingled .....