

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 # 5146  
name Rains & Williamson Oil Co., Inc.  
address 435 Page Court, 220 W. Douglas  
Wichita, Kansas 67202  
City/State/Zip

Operator Contact Person Juanita Green  
Phone 265-9686

Contractor: license # 5146  
name Rains & Williamson Oil Co., Inc.

Well-site Geologist Paul Hagemeyer  
phone (316) 838-6134

PURCHASER Ashland Oil, Inc.

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Gas  SWD  Temp Abd  
 Dry  Inj  Delayed  
 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  
3-5-85 3-15-85 4-13-85  
Spud Date Date Reached TD Completion Date

41  
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 300' feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set 1930' feet

If alternate 2 completion, cement circulated from 1930 feet depth to Surface w/ 450 SX cmt

*Wireline Log Rec'd*

TUBING RECORD size 2 3/8" set at 4097' packer at none Liner Run  Yes  No

First Production 4-13-85 Producing method  flowing  pumping  gas lift  Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	55 Bbls	MCF	30 Bbls	CFPB	

Disposition of gas:  vented  open hole  perforation  
METHOD OF COMPLETION PRODUCTION INTERVAL 4052 4053

API NO. 15-179-20,798

County Sheridan

SW NW SE Sec. 3 Twp. 10S Rge. 26 West

1650 Ft North from Southeast Corner of Section  
2310 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

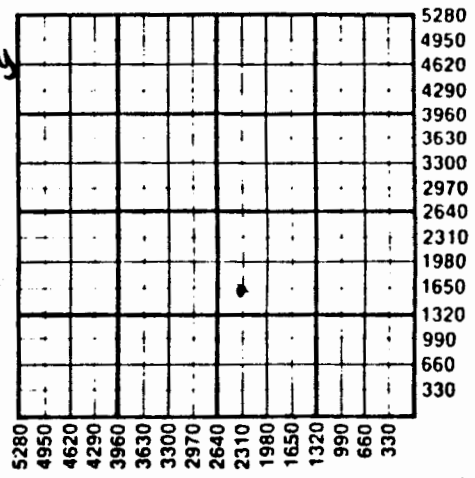
Lease Name Ziegler Well# 3

Field Name Fuller N.E.

Producing Formation Lansing

Elevation: Ground 2588 KB 2597

Section Plat



APR 29 1985  
State Geological Survey  
WICHITA BRANCH

APR 23 1985  
STATE CORPORATION COMMISSION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and (Well) Ft. West From Southeast Corner of Sec Twp Rge  East  West

Surface Water Ft North From Southeast Corner and (Stream, Pond etc.) Ft West From Southeast Corner Sec Twp Rge  East  West

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

Disposition of Produced Water:  Disposal  Repressuring

Docket # E-22,540

**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 - 3813-3848, 30 (30) 30 (30).  
 Rec. 12' oil specked mud w/SO. FP's 33-33, 33-33. IBHP 455, FBHP 477.

DST #2 - 3843-3868, Miss-run.

DST #3 - 3810-3868, 30 (30) 60 (30).  
 Rec. 63' V.SI.OCM w/SO. FP's 33-33, 44-55. IBHP 1085, FBHP 1065.

DST #4 - 3873-3895, 30 (30) 60 (30).  
 Rec. 200' GIP, 8' free oil, 64' O&WCM, 63' M&OCW. FP's 33-55, 55-88. IBHP 997, FBHP 975.

DST #5 - 3890-3910, 30 (30) 60 (30).  
 Rec. 150' GIP, 40' Sl. Gsy. oil, 20' OCM. FP's 44-44, 44-55. IBHP 931, FBHP 865.

DST #6 - 3915-3954, 30 (30) 60 (30).  
 Rec. 1140' Sl.OCMW, 10' mud. FP's 55-166, 211-385. IBHP 1075, FBHP 1052.

DST #7 - 3969-3975, 30 (30) 60 (60).  
 Rec. 381' GO, 10' O&GCM, 62' O&GCM, 63' OCM. FP's 77-155, 188-211. IBHP 233, FBHP 233.

DST #8 - 4018-4042, 30 (30) 30 (60).  
 Rec. 8' mud w/oil scum. FP's 33-33, 33-33. IBHP 55, FBHP 55.

Anhydrite	2221 (+376)	
B/Anhydrite	2260 (+337)	
Topeka	3593 (-996)	
Heebner	3813 (-1216)	
Toronto	3841 (-1244)	
Lansing	3852 (-1251)	
BKC	4084 (-1487)	
LTD	4100 (-1503)	

DST #9 - 4040-4056, 30 (30) 60 (45)  
 Rec. 2000' GIP, 628' GO, 62' O&GCWM, 62' WM, 124' MW. FP's 44-155, 177-366. IBHP 1185, FBHP 1174.

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#	300'	60/40 poz.	200 sx.	2% gel., 3% cc.
Production	7 7/8"	5.1/2"	14#	4097'	60/40 poz.	150 sx.	2% gel., 18% salt, 6% gilsoni.

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	4052' - 4055'	250 gallons MCA, 750 gallons - 28% NB acid	

Subscribed and sworn to before me this 22nd day of April 19 85  
 Notary Public  
 STATE OF KANSAS  
 Juanita M. Green  
 My Comm. Expires 10-4-87

KGS  SWD/Rep  NGPA  
 Plug  Other (Specify)

DRILLER'S LOG

COMPANY: Rains & Williamson Oil Co., Inc.

SEC. 3 T.10S R. 26W

LOC. SW NW SE

WELL NAME: Ziegler #3

COUNTY: Sheridan

RIG NO. #11

TOTAL DEPTH 4100'

ELEVATION 2588 GL 2597 KB

COMMENCED: 3-5-85

COMPLETED: 3-16-85

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 300' w/200 sx. 60/40 poz., 2% gel, 3% cc.

PRODUCTION: 5 1/2" @ 4097' w/150 sx. 60/40 poz., 2% gel, 18% salt, 6# gilsonite.

LOG

(Figures Indicate Bottom of Formations)

Sand & Shale	1580
Shale	2874
Sand & Shale	2994
Shale & Lime	3800
Lime	3910
Lime & Shale	4042
Shale & Lime	4100
<u>ROTARY TOTAL DEPTH</u>	<u>4100</u>

APR 18 1985

STATE OF Kansas

COUNTY OF Sedgwick

State Geological Survey  
WICHITA BRANCH

APR 04 1985

CONSERVATION