

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.

Wellsite Geologist Terry McLeod  
Phone (316) 265-6431  
PURCHASER Clear Creek, Inc.

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

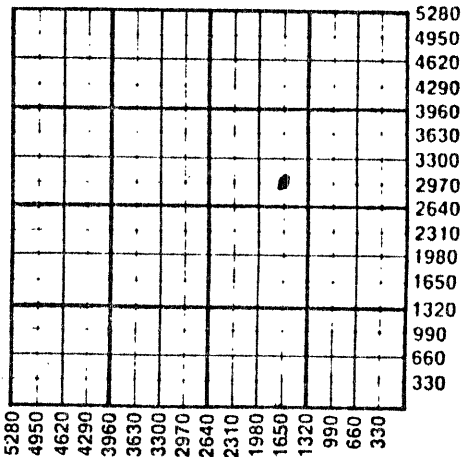
WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
4-15-85 4-23-85 5-19-85  
Spud Date Date Reached TD Completion Date  
3402'  
Total Depth PBTB  
Amount of Surface Pipe Set and Cemented at 278' feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If Yes, Show Depth Set 1006' feet  
If alternate 2 completion, cement circulated  
from 1006' feet depth to Surface w/ 230 SX cmt

API NO. 15 - 141-20,216 -00-00  
County Osborne  
SE SW NE  
(location) Sec 26 Twp 10S Rge 15  
2970 Ft North from Southeast Corner of Section  
1650 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

Lease Name Angel Well# 1  
Field Name Wildcat Ruggels, SE  
Producing Formation Conglomerate Sand  
Elevation: Ground 1818 KB 1823

Section Plat



Received  
MAY 2 1985  
5-23-85

WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #  
 Groundwater Ft North From Southeast Corner of (Well) Ft West From Southeast Corner  
Sec Twp Rge  East  West  
 Surface Water Ft North From Southeast Corner of (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 # D-21,736

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. Rules 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 Wilson Rains  
Title President Date 5-20-85

Subscribed and sworn to before me this 20th day of May 19 85  
Notary Public JUANITA M. GREEN  
STATE OF KANSAS  
Date Commission Expires 10-01-87

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

SIDE TWO

Operator Name Rains & Williamson Oil Co. Inc. Lease Name Angel #1 Well# 26 SEC. 26 TWP. 10S RGE. 15  East  West

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 - 2728-2750, 30 (30) 60 (60).  
 Rec. 150' OCM. FP's 53-64, 86-86.  
 IBHP 772, FBHP 825.

DST #2 - 3006-3040, 30 (30) 60 (30).  
 Rec. 80' SI. O&GCM. FP's 53-53, 75-75.  
 IBHP 409, FBHP 344.

DST #3 - 3066-3098, 30 (30) 30 (30).  
 Rec. 10' mud. FP's 43-43, 64-64.  
 IBHP 506, FBHP 506.

DST #4 - 3154-3204, 30 (30) 60 (30).  
 Rec. 30' WM w/SO, 60' WM, 180' MW.  
 FP's 75-96, 129-161. IBHP 591, FBHP 591.

DST #5 - 3339-3362, 30 (30) 60 (60).  
 Rec. 660' GMO, 10' O&GCWM, 120' MW  
 w/trace oil. FP's 96-183, 237-355.  
 IBHP 942, FBHP 900.

Anhydrite	970 (+853)	
Topeka	2702 (-879)	
Heebner	2950 (-1127)	
Lansing	2995 (-1172)	
BKC	3260 (-1437)	
Congl. Shale	3344 (-1521)	
Congl. Sand	3350 (-1527)	
LTD	3400 (-1577)	

CONFIDENTIAL

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 1/2"	8.5/8"	23#	278'	Sunset	185.sx.	
production.....	7.7/8"	5.1/2"	14#	3401'	60/40.paz	175.sx.	12 1/2#.gilsonite 18%.salt.

PERFORATION RECORD

shots per foot	specify footage of each interval perforated
4	3351' - 3353'

Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)

Depth
RELEASED 11-10-86 SEP 10 1986

LOGGING RECORD size 2" set at 3374' packer at none

FROM CONFIDENTIAL  
 Liner Run  Yes  No

Date of First Production	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	Gas	Water	Gas-Oil Ratio	Gravity
5-19-85					
	24 Bbls	MCF	80 Bbls	CFPB	

Position of gas:  vented  sold  used on lease  
 METHOD OF COMPLETION  open hole  perforation  other (specify)  Dually Completed.

PRODUCTION INTERVAL

3351' - 3353'

DRILLER'S LOG

COMPANY: Rains & Williamson Oil Co., Inc.

SEC. 26 T. 10S R. 15W

WELL NAME: Angel #1

LOC. SE SW NE

COUNTY: Osborne

RIG NO. #9

**CONFIDENTIAL**

TOTAL DEPTH 3402'

ELEVATION 1818 GL 1823 KB

COMMENCED: 4-15-85

COMPLETED: 4-23-85

CONTRACTOR: Rains & Williamson Oil Co., Inc.

**CASING RECORD:**

SURFACE: 8 5/8" @ 278' w/185 sx. Sunset.

PRODUCTION: 5 1/2" @ 3401' w/175 sx. 60/40 poz., 12 1/2# gilsonite, 18% salt.

LOG

(Figures Indicate Bottom of Formations)

1979  
State Geological Survey  
WICHITA BRANCH

Clay, Sand & Shale	281
Shale & Sand	530
Sand	543
Sand	552
Shale, Shells & Sand	668
Redbed, Shale, Shells & Sand	975
Shale, Shells & Sand	1360
Shale & Shells	1590
Shale	1703
Shale & Lime	2750
Lime & Shale	3020
Lime	3040
Lime & Shale	3075
Lime	3098
Lime & Shale	3402
ROTARY TOTAL DEPTH	3402

**RELEASED**  
10-19-86  
SEP 10 1986

FROM CONFIDENTIAL

**RELEASED**  
SEP 1 1986  
Date: \_\_\_\_\_  
FROM CONFIDENTIAL

RECEIVED  
STATE CORPORATIONS COMMISSION

MAY 29 1985

CONSERVATION DIVISION  
Wichita, Kansas

STATE OF Kansas )  
COUNTY OF Sedgwick ) SS:

I, Wilson Rains, President of Rains & Williamson Oil Co., Inc.  
upon oath state that the above and foregoing is a true and correct copy of the log of the  
Angel #1 well.

Wilson Rains  
Wilson Rains

Subscribed and sworn to before me this 17 day of May, 1985.

JUANITA M. GREEN  
NOTARY PUBLIC  
My State of Kansas Expires: 8/1/87  
EXD. Oct. 4, 1987

Juanita M. Green  
Juanita M. Green