

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, KS 67202  
City/State/Zip

Operator Contact Person Juanita Green  
Phone 265-9686

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

Wellsite Geologist  
Phone

PURCHASER

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  
3-25-85 4-1-85 4-1-85  
Spud Date Date Reached TD Completion Date

3480' PBDT  
Total Depth

Amount of Surface Pipe Set and Cemented at 224' 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 - 039-20,761-00-00  
County Decatur  
SW SE SE Sec 21 Twp 1S Rge 27 X West

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

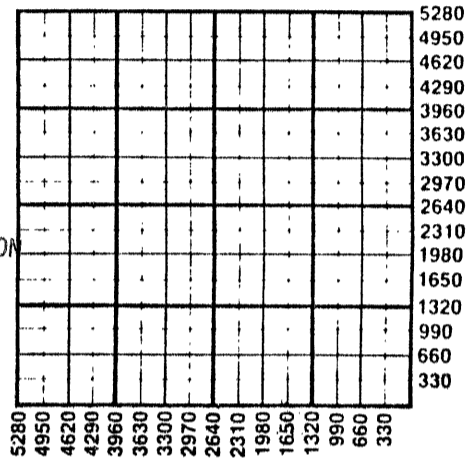
Lease Name Metcalf "A" Well# 1

Field Name

Producing Formation

Elevation: Ground 2507 KB 2516

Section Plat



5-7-85  
RECEIVED  
STATE CORPORATION COMMISSION  
MAY 07 1985  
CONSERVATION DIVISION  
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 #

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 4-22-85

Subscribed and sworn to before me this 22 day of April 19 85  
Notary Public JUANITA M. GREEN  
Date Commission Expires Oct 07 1987

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 21 Twp 1S Rge 27W

Operator Name Rains. & Williamson Oil Co. Lease Name Matcalf Well # 1 SEC. 21 TWP. 1S RGE. 27  East  West

**WELL LOG**

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem test 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

DST #1 - 3169-3224, 30 (60) 45 (90).  
 Rec. 40' S1.0SM, 60' MW, 120' water.  
 FP's 54-86, 108-119. IBHP 1074, FBHP 1083

DST #2 - 3218-3260, Miss-run.

DST #3 - 3200-3260, 30 (45) 45 (60).  
 Rec. 3' oil, 90' S1.0CM. FP's 54-54,  
 54-54. IBHP 965, FBHP 932.

DST #4 - 3285-3300, 30 (45) 30 (45).  
 Rec. 10' mud. FP's 10-10, 10-10.  
 IBHP 10, FBHP 10.

DST #5 - 3292-3340, Miss-run.

DST #6 - 3286-3340, 30 (45) 45 (60).  
 Rec. 20' OSWM, 120' water. FP's  
 43-54, 76-76. IBHP 1072, FBHP 1040.

DST #7 - 3353-3400, 30 (45) 30 (45).  
 Rec. 30' OSM. FP's 32-32, 32-32.  
 IBHP 673, FBHP 500.

Name	Top	Bottom
Anhydrite	1938	(+578)
B/Anhydrite	1949	(+567)
Heebner	3189	(-673)
Lansing	3227	(-711)
BKC	3436	(-920)
LTD	3476	(-960)

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"	24#	224'	Common	150 sx.	2% gel, 3% cc.

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth

TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
size	set at	packer at			

Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)				
	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	Bbls	MCF	Bbls	CFPB	

Disposition of gas:  vented  sold  used on lease

METHOD OF COMPLETION:  open hole  perforation  other (specify) \_\_\_\_\_

PRODUCTION INTERVAL:  Dually Completed  Commenced