

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 Don Strong
Phone (316) 262-2584

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
6-22-84 6-30-84 6-18-84
Spud Date Date Reached TD Completion Date
3470'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 211.84' 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 - 15-039-20,732-00-00

County Decatur

100' W of NW NE NW Sec 28 Twp 1S Rge 27 East West

4950 Ft North from Southeast Corner of Section
3730 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

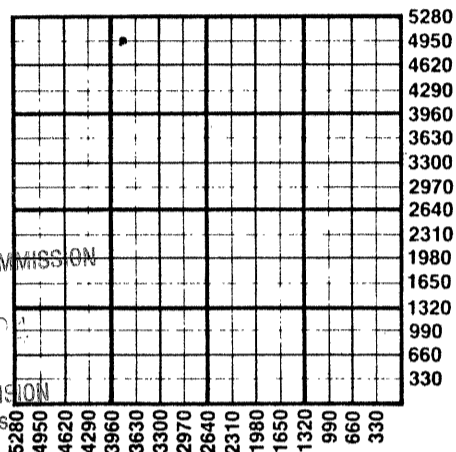
Lease Name Metcalf Well# #1

Field Name Wildcat METCALF SW

Producing Formation Lansing/Kansas City

Elevation: Ground 2474 KB 2484

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
10-22-84
OCT 23 1984
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 # CD-118123 (C-20,445)

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 8-18-84

Subscribed and sworn to before me this 18th day of August 19 84

Notary Public Juanita M. Green
Date Commission Expires 10-4-87

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)

Form ACO-1
(This form supercedes previous forms)

Sec 28 Twp 1 Rge 27 W

SIDE TWO

Operator Name Rains & Williamson Oil Co. Inc. Lease Name Metcalf Well# 1 SEC 28 TWP. 1S RGE. 27 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

DST #1 - 3163-3220, 30 (60) 60 (60).
 Rec. 30' SI.0CM, 240' MW w/few spots oil.
 FP's 74-95, 106-127. IBHP 1077, FBHP 1035.

DST #2 - 3242-3263, Miss-run.

DST #3 - 3214-3263, 30 (60) 30 (60).
 Rec. 100' MW. FP's 21-21, 53-53.
 IBHP 1056, FBHP 1025.

DST #4 - 3253-3300, 30 (30) 30 (30).
 Rec. 80' OCM. FP's 33-33, 53-53.
 IBHP 951, FBHP 867.

DST #5 - 3295-3340, 30 (60) 30 (60).
 Rec. 130' mud w/oil spots. FP's 85-85, 85-85. IBHP 1014, FBHP 962.

DST #6 - 3328-3394, 30 (60) 60 (60).
 Rec. 20' FO, 80' OCM. FP's 53-53, 74-74. IBHP 951, FBHP 815.

| Name | Top | Bottom |
|-------------|-------------|--------|
| Anhydrite | 1906 (+578) | |
| B/Anhydrite | 1916 (+568) | |
| Heebner | 3160 (-676) | |
| Lansing | 3200 (-716) | |
| BKC | 3408 (-924) | |
| L.T.D. | 3474 (-941) | |

| 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# | 211.84' | Common | 150 sx. | 2% gel, .3% cc |
| Production | 7 7/8" | 5 1/2" | 15 1/2# | 3470' | 60/40 poz. | 135 sx. | 2% gel, .10% sa .75% GFR2 .25 D-air |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| shots per foot | specify footage of each interval perforated | | | (amount and kind of material used) | | | Depth |
| 2 | 3352' - 3355' | | | 250 gallons MCA, squeezed w/50 sx. 60-40 poz. | | | |
| 2 | 3317' - 3321' | | | 250 gallons MCA, .15% acid 500 gallons .28% acid | | | |
| 2 | 3282' - 3284' | | | 250 gallons MCA, 500 gallons .28% acid | | | |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| Date of First Production | | Producing method | | | | | |
| 8-18-84 | | <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 | |
| 21 Bbls | | | MCF | 82 Bbls | CFPB | | |

Disposition of gas: vented sold used on lease
 METHOD OF COMPLETION: open hole perforation other (specify)
 PRODUCTION INTERVAL: 3352' - 3355', 3317' - 3321', 3282' - 3284'
 Dually Completed.
 Commingled