

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-191-22,051-00-00
County Sumner
NW SE NE S18 30S Rge 2 East
..... Sec..... Twp..... Rge..... X West

Operator: License # 5146
Name Rains & Williamson Oil Co., Inc.
Address 220 West Douglas, Suite 435
City/State/Zip Wichita, Kansas, 67202

3630 Ft North from Southeast Corner of Section
990 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser.....

Lease Name HAR-EL ACRES, INC. Well # 1

Operator Contact Person Juanita Green
Phone (316) 265-9686

Field Name Wildcat

Contractor: License # 5146
Name Rains & Williamson Oil Co., Inc.

Producing Formation.....

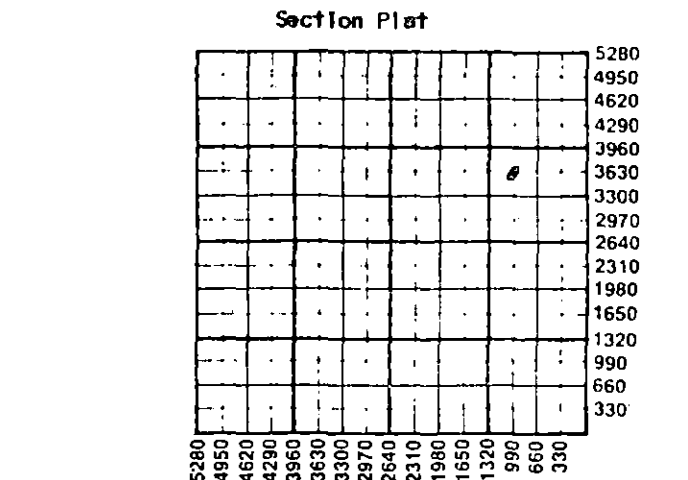
Wellsite Geologist Jerry Haile
Phone (316) 265-9686

Elevation: Ground 1338 GL 1347 KB

Designate Type of Completion
X New Well Re-Entry Workover

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

If OWWO: old well info as follows:
Operator.....
Well Name.....
Comp. Date..... Old Total Depth.....



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # Repressuring

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable

2-8-88 2-17-88 2-17-88
Spud Date Date Reached TD Completion Date

3360'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 374 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
Cement Company Name.....
Invoice #.....

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.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West
Other (explain).....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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.

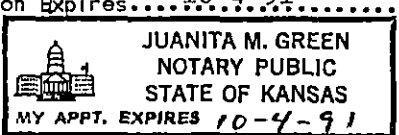
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Wilson Rains
WILSON RAINS

Title President Date 2-23-88

Subscribed and sworn to before me this 23rd day of February, 1988

Notary Public Juanita M. Green
Juanita M. Green
Date Commission Expires 10-4-91



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

Sec. 18 Twp. 30 Rge. 2 E

SIDE TWO

Operator Name Rains & Williamson Oil Co., Inc. Lease Name HAR-EL ACRES, INC. Well # 1

Sec. 18 Twp. 30 S Rge. 2 East West County Sumner

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 3097' - 3135'. 30 30 60 60. Rec.
 200' muddy salt water. IFP 65# - 95#, FFP
 105# - 160#. ISIP 960#, FSIP 960#. Temp.
 110°.

DST #2 3153' - 3195'. 30 30 60 60. Rec.
 600' slightly muddy salt water. IFP 105#
 210#, FFP 250# - 235#. ISIP 970#, FSIP
 970#. Temp. 110°.

DST #3 3203' - 3228'. 30 30 60 60. Rec.
 40' oil cut muddy salt water, 150' very
 slightly oil cut muddy salt water. IFP
 65# - 75#, FFP 105# - 115#. ISIP 845#,
 FSIP 880#. Temp. 111°.

DST #4 3244' - 3256'. 30 30 30 30. Rec.
 120' drilling mud. IFP 75# - 75#, FFP
 85# - 95#. ISIP 1035#, FSIP 1035#. Temp. 111°.

Name	Top	Bottom
Iatan	2809	(-1462)
Stalnaker	2836	(-1489)
Kansas City	3086	(-1739)
Stark Shale	3204	(-1857)
Swope Porosity	3219	(-1872)
Hushpuckney	3240	(-1893)
Hertha	3256	(-1909)
B/KC	3310	(-1963)
L:T.D.	3360½	(-2013½)

RELEASED

MAR 30 1989

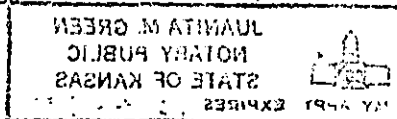
FROM CONFIDENTIAL

CASING RECORD <input 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 1/2"	7 7/8"	23#	374'	60-40 doz	225	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).....					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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



DRILLER'S LOG

COMPANY: Rains & Williamson Oil Co., Inc.

SEC. 18 T. 30S R. 2W

WELL NAME: HAR-EL ACRES, INC. #1

LOC. NW SE NE

COUNTY: Sumner

RIG NO. #3

TOTAL DEPTH 3360

ELEVATION 1338 GL 1347 KB

COMMENCED: 2-8-88

COMPLETED: 2-17-88

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 374' w/225 sx. 60-40 poz., 3% cc.

PRODUCTION: D&A

LOG

(Figures Indicate Bottom of Formations)

Shale and Lime	3195
Lime and Shale	3360
Rotary Total Depth	3360

RELEASED
MAR 30 1989
FROM CONFIDENTIAL

STATE GEOLOGICAL SURVEY
CONSULTING ENGINEER
WICHITA BRANCH

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
HAR-EL ACRES, INC. #1 well.

JUANITA M. GREEN
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 10-4-91

Wilson Rains
WILSON RAINS

Subscribed and sworn to before me this 23rd day of February, 1988.

FEB 25 1988

My Appointment Expires: October 4, 1991
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

Juanita M. Green
Juanita M. Green - Notary Public