

Form ACO-1 (5-86)

Sec. 19 Twp. 11. Rge. 74

Operator Name Rains & Williamson Oil Co., Inc. Lease Name.....CHRISLER-RODA "B".....Well #.....1....

EC.....19..... Twp.....11S..... Rge.....14..... ☐ East
☒ West County.....Russell.....

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
Anhydrite	899	(+ 894)
Topeka	2690	(- 897)
Heebner	2942	(-1149)
Lansing	2996	(-1203)
50' Zone	3040	(-1247)
B/KC	3266	(-1473)
L.T.D.	3271	(-1478)

DST #1 3002' - 3030'. 30 30 60 60. Rec.
70' very slightly oil and gas cut mud, 60'
mud with a scum of oil. IFP 62# - 62#, FFP
93# - 93#. ISIP 769#, FSIP 759#. Temp.
104°.

DST #2 3060' - 3092'. 30 30 60 60. Rec.
105' muddy water with a show of oil, 120'
muddy water. IFP 52# - 62#, FFP 93# - 104#.
ISIP 883#, FSIP 863#. Temp. 108°.

DST #3 3032' - 3050'. 30 30 30 30. Rec.
10' very slightly oil and gas cut mud.
IFP 31# - 31#, FFP 41# - 41#. ISIP 531#,
FSIP 62#. Temp. 102°.

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"	22#	259'	60-40 pox	165	2% gal, 3% cc

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☐ No
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Date of First Production	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....
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Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
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METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Open Hole ☐ Perforation
☐ Sold ☐ Other (Specify)
☐ Used on Lease ☐ Dually Completed
☐ Conmingled

0119L

10-11-17M

DRILLER'S LOG

COMPANY: Rains & Williamson Oil Co., Inc.

SEC. 19 T. 11S R. 14W

WELL NAME: CHRISLER-RODA "B" #1

LOC. E/2 NW NW

COUNTY: Russell

RIG NO. #9

TOTAL DEPTH 3270'

ELEVATION 1788 GL 1793 KB

COMMENCED: 8-1-87

COMPLETED: 8-7-87

CONTRACTOR:

CASING RECORD:

SURFACE: 8 5/8" @ 259' w/165 sx. 60-40 poz., 2% gel, 3% cc.

PRODUCTION: D&A

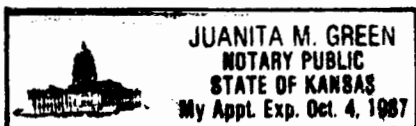
LOG

(Figures Indicate Bottom of Formations)

Sand	390
Shale and Sand	900
Shale	2576
Lime and Shale	2810
Shale and Lime	2985
Lime and Shale	3270
Rotary Total Depth	3270

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
CHRISLER-RODA "B" #1 well.



Wilson Rains
WILSON RAINS

Subscribed and sworn to before me this 12th day of August, 1987.

My Appointment Expires:

10-4-87

Juanita M. Green
Juanita M. Green - Notary Public