

Operator Name **Rains & Williamson Oil Co.** Lease Name **Rosalia Ranch** Well# **3** SEC. **32** TWP. **25S** RGE. **8** ☒ We.

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 - 2226-2260, 30 (30) 30 (30).
 Rec. 30' MW. FP's 50-40, 70-70.
 IBHP 720, FBHP 720.

DST #2 - 2604-2715, 30 (30) 60 (60).
 Rec. 185' mud. FP's 80-90, 100-140.
 IBHP 880, FBHP 880.

DST #3 - 3163-3186, 30 (30) 30 (30).
 Rec. 5' mud w/oil specks. FP's
 50-50, 60-60. IBHP 1020, FBHP 1010.

DST #4 - 3161-3188, 30 (30) 60 (60).
 Rec. 625' SW. FP's 60-165, 195-315.
 IBHP 1000, FBHP 1000.

Heebner	1443	(+182)
Lansing	1666	(-41)
KC	2080	(-455)
Cherokee	2497	(-872)
Squirrel Sd.	2506	(-881)
Ardmore	2594	(-969)
Bartlesville	2698	(-1073)
Cowley	2822	(-119)
Kinderhook	3130	(-1505)
Viola	3184	(-1559)
Simpson Sd.	3225	(-1600)
Arbuckle	3255	(-1630)
LTD	3310	(-1685)

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 1/4"	8 5/8"	24#	217'	Common	150 sx.	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

✓

DRILLER'S LOG

COMPANY: Rains & Williamson Oil Co., Inc.

SEC. 32 T. 25S R. 8E

LOC. NW SE SW

WELL NAME: Rosalia Ranch #3

COUNTY: Butler

RIG NO. #4

TOTAL DEPTH 3310'

ELEVATION 1620 GL 1625 KB

COMMENCED: 8-26-85

COMPLETED: 9-5-85

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 217' w/150 sx. Common, 3% cc.

PRODUCTION: D&A

LOG

(Figures Indicate Bottom of Formations)

Shale	260
Shale & Lime	1230
Shale	1447
Lime & Shale	2496
Lime	3100
Lime & Shale	3310
<u>ROTARY TOTAL DEPTH</u>	<u>3310</u>

STATE OF Kansas)

COUNTY OF Sedgwick)

SS: