

SIDE TWO "C" #1

70092

Operator Name Rains. & Williamson Oil Co Lease Name Koelling Well# SEC. 26 TWP. 10S RGE. 15

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

Name Top Bottom

DST #1 - 2746-2766, 30 (30) 60 (60).
 Rec. 80' GIP, 50' O&GCM. FP's
 104-57, 66-66. IBHP 612, FBHP 689.

Anhydrite 996 (+845)
 B/Anhydrite 1031 (+810)
 Topeka 2728 (-887)
 Heebner 2975 (-1134)
 Lansing KC 3108 (-1177)
 RTD 3389 (-1548)

DST #2 - 3028-3058, 30 (30) 60 (60).
 Rec. 150' MW w/trace oil. FP's
 66-85, 104-104. IBHP 486, FBHP 486.

DST #3 - 3065-3120, 30 (30) 30 (30).
 Rec. 20' mud. FP's 57-38, 66-57.
 IBHP 467, FBHP 458.

DST #4 - 3367-3389, 30 (30) 30 (30).
 Rec. 10' mud. FP's 66-38, 47-47.
 IBHP 66, FBHP 95.

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"	23#	255'	60/40 poz.	165 sx	2% gel, 2% 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

DRILLER'S LOG

COMPANY: Rains & Williamson Oil Co., Inc.

SEC. 26 T. 10S R. 15W

WELL NAME: Koelling "C" #1

LOC. NW NE SE

COUNTY: Osborne

RIG NO. #9

TOTAL DEPTH 3389'

ELEVATION 1836 GL 1841 KB

COMMENCED: 12-1-85

COMPLETED: 12-10-85

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

~~CONFIDENTIAL~~

SURFACE: 8 5/8" @ 255' w/165 sx. 60/40 poz., 2% gel, 3% cc.

PRODUCTION: D&A

LOG

(Figures Indicate Bottom of Formations)

Clay & Sand	40
Sand & Clay	260
Shells & Shale	706
Shale & Shells	2270
Shale & Lime	2730
Lime & Shale	3360
Lime	3389
<u>ROTARY TOTAL DEPTH</u>	<u>3389</u>

JAN 06 1986
Regional Survey
BRANCH