



Operator **Rains & Williamson Oil Co., Inc.** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: **Dry Hole**

Well No. **#2** Lease Name **Humburg**

S 1 T 21 R 24 W **C SE SW**

**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<u>LOG TOPS</u>				
DST #1, 4294-4320 Open 30, Shutin 30, Open 30, Shutin 30. Rec. 15' mud with few specks of oil. ICIP 64, FCIP 57, FP's 34-36.			Anhydrite	1488 ( +798
			B/Anhydrite	1525 ( +761
			Heebner	3719 ( -1433
			Lansing	3770 ( -1484
			B/KC	4106 ( -1820
			Pawnee	4224 ( -1938
			Ft. Scott	4289 ( -2003
			Cherokee Sh.	4314 ( -2028
			Basil Penn. sd.	4376 ( -2090
			Miss. Dolomite	4410 ( -2124
			LTD	4468 ( -2182
DST #2, 4380-4400 Open 30, Shutin 30, Open 60, Shutin 30. Rec. 620' oil, 550' water, 180' gas. IF 126, FFP 466, BHT 124 <sup>o</sup> , IBHP 580, FBHP 508, IHHP 2321, FHHP 2315. 42' gravity oil fair blow.				
DST #3, 4410-4416 Open 30, Shutin 30, Open 30, Shutin 30. Weak blow shutin 30". Open-no blow. Weak blow 30". Rec. 15' mud. ICIP 1151, FCIP 1130, FP's 3-5, BHT 127 <sup>o</sup> .				
DST #4, 4415-4421 Open 30, Shutin 30, Open 60, Shutin 30. Weak blow. Rec. 65' watery thin mud. IBHP 1316, FBHP 1306, FP's 46-51, BHT 128 <sup>o</sup> .				
DST #5, 4369-4382 Straddle test. Good blow through- out. Rec. 640' total fluid- 570' free oil, 70' slightly oil cut mud. IBHP 336, FBHP 273, FP's 61-247.				
			Surface Clay	271
			Shale	360
			Shale and Sand	1297
			Shale	1496
			Anhydrite	1540
			Shale	1690
			Shale and Lime	2195
			Lime and Shale	2780
			Shale and Lime	3220
			Lime and Shale	3415
			Shale and Lime	3860
			Lime	4225
			Lime and Shale	4293
			Lime	4470
			<u>Rotary Total Depth</u>	<u>4470</u>

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.



Signature Wilson Rains  
 Title President  
 Date July 17, 1973