

THE PURE OIL COMPANY

WELL LOG

AND RELATED DATA

Rec'd - 10-22-1937

15-007-30394-00-00

LOG				LEASE		WELL NO.			
TOP	BOTTOM	THICKNESS	FORMATION	Palmer, Wm.		1			
0	220	220	Red bed	LEASE NO.	7455	ACRES	320		
220	240	20	Sand			A. F. E. NO.	910		
240	260	40	Shale	ELEVATION	10	PRODUCING DIVISION	Southwestern		
260	305	25	Sandy shale	LOT	10	TWP.	33 S		
305	375	70	Shale	SEC.		RGE.	10 W		
375	430	55	Shale- stringers of gypsum	PRCT. DIST.		SURVEY			
430	500	70	Shale	COUNTY	Barber	STATE	Kansas		
500	530	30	Shale- stringers of gypsum	LOCATION					
530	750	220	Shale	1847 FEET NORTH OF SOUTH LINE					
750	775	25	Shale- thin stringers dolomite	2350 FEET EAST OF WEST LINE					
775	845	70	Shale	957 FEET SOUTH OF NORTH LINE					
845	890	45	Shale- little gyp & dolomite	3010 FEET WEST OF EAST LINE					
890	975	85	Shale	NORTH					
975	1010	35	Shale & anhydrite	WEST					
1010	1110	100	Anhydrite	EAST					
1110	1140	30	Anhydrite & shale	SCALE 1/4"=660 FEET					
1140	1310	170	Anhydrite	CASING RECORD					
1310	1340	30	Anhydrite & shale	SIZE	WEIGHT	THREAD	MAKE	SET AT	REMARKS
1340	1380	40	Anhydrite	13-3/8	54	3	N93	202	
1380	1400	20	Anhydrite & shale	PLUGGING					
1400	1600	200	Anhydrite	FILE SEC 10 T 33 L 100					
1600	1610	10	Anhydrite & lime	BOOK PAGE 76 LINE 19					
1610	1620	10	Lime- fossiliferous	CASING CEMENTING RECORD					
1620	1640	20	Anhydrite & dolomite	SIZE	SET AT	SACKS USED	GALLONS SETFAST	RESULTS	
1640	1660	20	Cherty dolomite	13-3/8	202	300	None		
1660	1680	20	Anhydrite & dolomite	LINER RECORD					
1680	1710	30	Cherty brown dolomite	SIZE	WEIGHT	LENGTH	NO. JOINTS BLANK	NO. JOINTS PERFORATED	SET AT
1710	1770	60	Sugary dolomite	BRADENHEAD RECORD					
1770	1780	10	" " - cherty	MAKE	SIZE	TYPE	REMARKS		
1780	1810	30	" " - fossiliferous	INITIAL TORPEDO RECORD					
1810	1850	40	Cherty dol. ls.	DATE	TOP OF SHOT	BOTTOM OF SHOT	NO. QTS.	REMARKS	
1850	1920	70	Brown dol. ls.	DRILLING COMMENCED November 12, 1936					
1920	1980	60	Cherty dolomite	DRILLING COMPLETED January 4, 1937					
1980	2010	30	Stringers shale & lime	DRILLED WITH Rotary TOOLS					
2010	2020	10	Shale	DRILLED IN WITH Dry Hole TOOLS					
2020	2050	30	Cherty lime	FIRST 24 HRS. PRODUCTION-NATURAL BBLS.					
2050	2070	20	Cherty lime & shale	FIRST 24 HRS. PRODUCTION-AFTER SHOT BBLS.					
2070	2080	20	Shale	GRAVITY, TEMP., GRADE					
2080	2130	40	Lime	GAS-ROCK PRESS LBS., VOLUME CU. FT.					
2130	2140	10	Lime & shale	DATE ABANDONED January 4, 1937					
2140	2160	20	Shale						
2160	2190	30	Lime & shale						
2190	2210	20	Lime						
2210	2220	10	Shale						
2220	2310	90	Lime						
2310	2340	30	Shale						
2340	2370	30	Lime & shale						
2370	2400	30	Lime						
2400	2460	60	Lime & shale						
2460	2510	50	Lime						
2510	2550	40	Sand & lime						
2550	2580	30	Shale						
2580	2600	20	Shale & lime						
2600	2610	10	Lime						
2610	2620	10	Lime & sand						
2620	2670	50	Shale						
2670	2700	30	Sand & shale						
2700	2710	10	Lime						
2710	2720	10	Sand						
2720	2740	20	Sand & lime						
2740	2800	60	Lime						
2800	2860	60	Lime & shale						
2860	2880	20	Shale						
2880	3000	120	Lime						
3000	3010	10	Lime & shale						

(over)

THE DIVISIONAL OPERATING DEPARTMENT WILL SEND DUPLICATE AND TRIPPLICATE COPIES OF THIS REPORT TO THE GEOLOGICAL DEPARTMENTS OF THE GENERAL OFFICE AND THE DIVISION OFFICE.

3010	3030	20	Shale	4961	4975	14	Green shale
3030	3050	20	Lime	4975	5010	35	Sand
3050	3060	10	Lime & shale	5010	5022	12	Arbuckle ls. - crystalline
3060	3100	40	Lime	5022	5031	9	" " - show oil
3100	3130	30	Lime & shale	5031	5041	10	" " - sulphur odor
3130	3170	40	Shale	5041	5061	20	" "
3170	3200	30	Lime				
3200	3210	10	Lime & sand		5061		TOTAL DEPTH
3210	3220	10	Shale & sand				
3220	3290	70	Shale				
3290	3300	10	Black shale				
3300	3310	10	Black shale & lime				
3310	3348	38	Gray shale				
3348	3355	7	Calcareous sand				
3355	3370	15	Shale				
3370	3380	10	Shale & sand				
3380	3450	70	Shale				
3450	3460	10	Shale & sand				
3460	3475	15	Shale				
3475	3490	5	Shale - little lime				
3490	3505	25	Shale				
3505	3520	15	Shale & lime				
3520	3525	5	Black shale				
3525	3580	55	Shale				
3580	3610	30	Lime				
3610	3765	145	Shale				
3765	3775	20	Lime				
3775	3785	10	Shale				
3785	3790	5	Shale & lime				
3790	3818	28	Shale				
3818	3820	12	oolitic lime				
3820	3840	10	Lime				
3840	3863	23	Shale				
3863	3963	98	Lime				
3963	4020	57	Lime & shale				
4020	4159	139	Lime - cherty				
4159	4173	14	Shale				
4173	4175	2	Lime				
4175	4185	10	Shale				
4185	4198	13	Lime - cherty				
4198	4212	14	Shale				
4212	4225	13	Lime				
4225	4245	20	Lime & shale				
4245	4255	40	Shale - little lime				
4255	4303	18	Shale				
4303	4310	7	Lime				
4310	4320	10	Shale				
4320	4365	45	Lime & shale				
4365	4396	31	Lime				
4396	4401	5	Red, Green & gray shale				
4401	4418	17	Shale - some chert				
4418	4435	17	Lime				
4435	4438	3	Black shale & coal				
4438	4465	27	Lime				
4465	4470	5	Lime - cherty				
4470	4478	8	Lime & shale				
4478	4506	30	Shale				
4506	4658	52	Chert, tripoli, some lime - good oil				
4658	4662	4	Black shale				
4662	4658	93	Black & green shale				
4658	4678	17	Lime				
4678	4719	37	Green & shale				
4719	4765	49	Black shale				
4765	4797	29	Lime - oil stain				
4797	4838	41	Granular dolomite				
4838	4867	29	White lime				
4867	4872	5	Dolomite				
4872	4875	3	Sandy dolomite				
4875	4893	18	Sand - show oil - salty				
4893	4911	18	Sand & green shale				
4911	4922	11	Green shale - streaks sand				
4922	4930	8	Sand				
4930	4952	22	Green shale				
4952	4961	9	Sand				