

WELL RECORD

THE ATLANTIC REFINING COMPANY

15.159.05333.0000

Block or Twp. 8 - 21 - 7

Lease ~~MAN~~ "B"
 Lease No KS-5996
 County Rice

Well No. 2
 State Kansas

Location SE/4 of SW/4 of NW/4
 Elevation 1620' Feet

Drilled { Contract x
 Company Tools

Contracted Depth
 Completed Depth 3349'

Feet Date { Started 12/29/37
 Completed 12/27/37
 Deepened
 Cleaned Out

Name of Contractor L. E. Douglass
 Contract Price 3.40 Per Foot

Day Work
 ROTARY - 160.00
 CABLE - 90.00

Well Estimated Cost
 Well Actual Cost

Method of Drilling Rotary w/ Cable
 Tool Completion

BEFORE SHOOTING

AFTER SHOOTING

Initial Production
 Settled Production

Flowing
 on Pump

Initial Production
 Settled Production

Flowing
 on Pump

Baume Test

Water With Oil %

POTENTIAL - 96 Barrels; ALLCHARGE, 15 Barrels per day, effective 12/29/37

Casing Record

Torpedo Record

SIZE	SET	PULLED
12 1/2" O.D.	96'	110 Sax
7" O.D.	3322'	125 Sax

Date	Company	From	To	Feet	Size of Shell	Total Qts.
12/21/37		3343	3336			with 30 qts. of glycerin (solidified) with 5' of anchor

FORMATION	TOP	BOTTOM	FORMATION	TOP	BOTTOM
White Sand & Gravel	0	85	White Lime	2904	2908 Top K.C. 2904'
Red Bed	85	127	White Lime	2908	3067
Red Rock	127	475	Lime	3067	3107
Blue Shale	475	650	White Lime	3107	3178
Salt	650	945	Blue Shale, Red Rock & Lime	3178	3225
Shale - Red & Blue	945	1116	White Lime & Blue Shale	3225	3267
Lime Shells & Blue Shale	1116	1251	White Lime	3267	3508
Blue & White Shale & Gyp Shells	1251	1597	White Lime & Black Shale	3308	3323
White Gyp & Blue Shale	1397	1473	Cement & Cluster Sand	3323	3327
White Shells & Blue "	1473	1596	Conglomerate	3327	3329 - oil showing
White Lime	1596	1810	Free Oil	3329	3336
Gray & Blue Shale	1810	1909	Conglomerate	3336	3349 - Top Chat 3347'
Blue Shale	1909	2054			
White & Blue Lime Shells & Shale	2054	2167	PLUGGED BACK TO 3343'		
Blue & White Lime & Shale	2167	2343	TOTAL DEPTH 3343		
Blue Shale	2343	2403	Top of Topoka, 2403'		
White Lime	2403	2415			
Gray Lime	2415	2485			
White Lime	2485	2543			
Lime	2543	2601			
White Lime & Blue Shale	2601	2861			
White Lime & Blue & Gray Shale	2861	2904			

8 21 2W
 49 57