

15-159-05419-00-00
WELL RECORD

R. Engelland Well No. 1

Spudded: September 29, 1937
Drlg. Completed: October 28, 1937
Potential Taken: October 29, 1937

Loc: 330' South & 330' West of the
NE corner of Sec. 13, T 21S, R 7W,
Rice County, Kansas

FROM	TO	FORMATION	FROM	TO	FORMATION
0	181	Surface soil & shale	2815	2825	Lime
181	470	Shale & red rock	2825	2940	Shale
470	800	Shale & shells	2940	3155	Lime
800	965	Salt	3155	3180	Lime hard
965	985	Shale	3180	3190	Lime soft
985	1185	Shale & shells	3190	3205	Hard lime
1185	1380	Sandy shale & lime	3205	3235	Lime
1380	1650	Shale & shells	3235	3275	Broken lime
1650	2125	Broken lime & shale	3275	3325	Lime
2125	2395	Shale & shells	3325	3365	Shale
2395	2460	Lime & shale	3365	3420	Broken lime & shale
2460	2749	Lime	3420	3461	Shale & conglomerate
2749	2815	Sticky lime	3461'		Total depth.

Top of Conglomerate 3457'

Ran 187'7" of 13" OD Lapweld casing; set at 181'; cemented with 200 sacks of cement.

Ran 3485'3" of 8 5/8"OD casing; set at 3457'; cemented with 300 sacks of cement

10/29/37 - Established a physical potential of 241 bbls. oil, no water.

I, the undersigned, being first duly sworn upon oath, state that this Well Record is true, correct and complete according to the records of this office, and to the best of my knowledge and belief.

J. L. D... District Superintendent

Subscribed and sworn to before me this 15th day of May, 1944.

Notary Public

My Commission Expires October 21st, 1944.

FLD-RDM
5-15-44

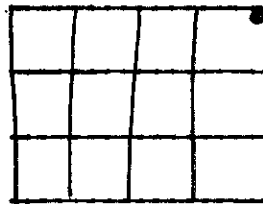
PLUGGING
FILE 13 21 R 7W
BOOK PAGE 117 LINE 16

15-159-05419-00-00

CONTINENTAL OIL CO.
R. Engelland No. 1

Sec. 13 T. 21 R. 7W
NEc NE
330' S 330' W of NE c
County: Rice

Total Depth 3562
Comm. 9-29-37 Comp. 10-20-37
Shot or treated
Contractor
Issued 1-1-38



Elevation

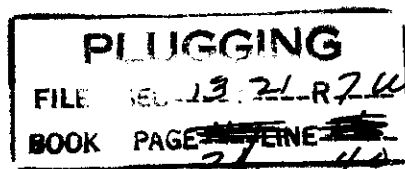
CASING.

13" 181'
8-5/8" 3457'

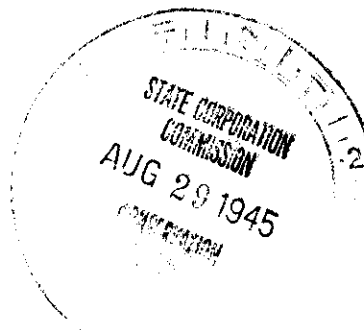
Production Pot. 241 B.

Figures indicate bottom of formations.

Shale and red rock	181
shale and red rock	470
shale and shells	800
salt	965
shale	985
shale and shells	1185
shaly shale	1200
shale and lime shells	1380
shale and shells	1650
broken lime and shale	1745
shale and shells	1860
shale and lime shells	1982
shale	2125
shale and shells	2230
shale and shells	2395
lime	2520
lime	2749
sticky shale	2815
lime	2825
shale	2940
lime	3155
lime hard	3180
lime soft	3190
lime hard	3205
lime	3235
broken lime	3275
lime	3310
lime	3325
shale	3365
broken lime and shale	3420
shale	3461
conglomerate	3462
Total Depth	



Top of Conglomerate 3457



The well pumped 40.20 bbls oil the first four hours and 42.88 bbls of oil the last four hours of the test, giving the well a 24 hour potential of 241 bbls of oil