

STATE OF KANSAS  
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

OR

~~FORMATION PLUGGING RECORD~~

Strike out upper line when reporting plugging off formations.

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
800 Bittling Building  
Wichita, Kansas

Rice County, Sec. 16 Twp. 21S Rge. (E) 7 (W)

Location as "NE 1/4 NW 1/4 SW 1/4" or footage from line N E/c SE 1/4

Lease Owner Magnolia Petroleum Company

Lease Name H. Engelland Well No. 1

Office Address Box 888, Ellinwood, Kansas

Character of Well (Completed as Oil, Gas or Dry Hole) Dry

Date, well completed July 12, 1938 193

Application for plugging filed July 12, 1938 193

Application for plugging approved July 12, 1938 193

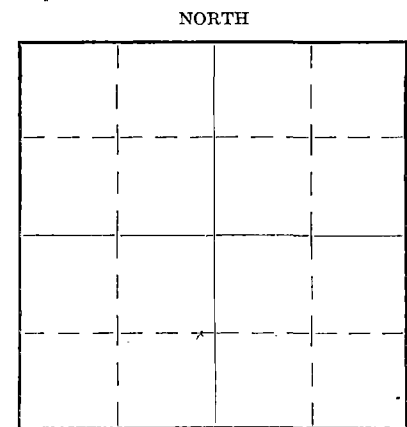
Plugging Commenced July 12, 1938 193

Plugging Completed July 16, 1938 193

Reason for abandonment of well or producing formation Dry Hole

If a producing well is abandoned, date of last production 7-20-38 193

Was permission obtained from the Conservation Division or its agents before plugging was commenced? yes



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well Guy Wiershing, Lyons, Kansas

Producing formation none Depth to top Bottom Total Depth of Well 3782 Feet

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled Out
Conglomerate	1/2 Gal oil &	3379	3383	13" OD	196'	7'
	3 1/2 Gal water			7" OD	3578'	2603'
	per hour			5 1/2" OD	3726'	3726'
Mississippi Lime	500' water-no oil	3394	3456			
Misener Sand	Dry	3704	3724			
Viola Lime	Dry	3724	3731			
Arbuckle Lime	HFW - no oil	3781	3782			

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet for each plug set.

Dumped 6 sax Incor cement with dump bailer & MPCo tools from 3782-3732'

Pulled 5 1/2" OD casing from 3726 to 3512'

Cemented with 16 Sax incor cement from 3732 to 3652' w/ MPCo tools

Pulled balance of 5 1/2" OD casing

Cemented with 60 sax Incor cement from 3652 to 3353' w/ MPCo tools

Shot 7" OD casing off at 2603'

Circulated with 11 1/2# mud with Halliburton Process

Pulled 25 joints of 7" OD casing

Re-circulated with 11 1/2# mud with Halliburton Process

Pulled balance of 7" OD casing

Put in wood plug at 212'

Filled hole w/ 36 sax cement from 212 to 180' w/ MPCo tools

Mud from 180 to 14'

6 Sax cement from 14 to 7'

Welded steel cap over 15" OD casing in bottom of cellar at 7'

18" cement & field rock in bottom of cellar - 25 Sax cement used.

Filled cellar with soil to surface of ground

PLUGGED  
FILE NO. 16 21 7W  
EGG CASE 26 LINE 44

(If additional description is necessary, use BACK of this sheet)

Correspondence regarding this well should be addressed to Magnolia Petroleum Company

Address Box 888, Ellinwood, Kansas

STATE OF Kansas COUNTY OF Barton, ss.

Russel Clymer (employee of owner) or (owner-operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) Russel Clymer

Box 888, Ellinwood, Kansas (Address)

SUBSCRIBED AND SWORN TO before me this 19 day of July, 1938

My commission expires October 13, 1941

Notary Public.

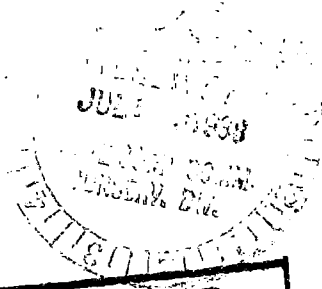
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Magnolia Petroleum Company  
 T. Engollard #1  
 NE/4 SE 1/4 Section 16-21S-7W.  
 Rice County, Kansas

cellar	0	8			
sand, shells & red bed	8	196		sand- soft	3415 3420
13"OD casing set	196			500' waterin hole	3415-20
shale & shells	196	225		lime	3420 3429
red bed, shale & shells	225	600		shale	3429 3431
shale & salt	600	1000		lime	3431 3454
shale & lime	1000	1335		shale - gray	3454 3475
lime	1335	1430		Base Mississippi Lime	3456 3475
sandy lime	1430	1450		lime	3475 3482
shale & lime	1450	1565		shale	3482 3503
shale	1565	1705		making 1 1/2 Gallons barrels oil per hour	
shale & shells	1705	1850		shale & shells	3503 3510
shale & lime	1850	1980		shale	3510 3536
shale & shells	1980	2130		lime	3536 3600
shale	2130	2230		shale	3600 3602
shale & lime	2230	2425		lime	3602 3606
shale	2425	2490		shale, blue	3606 3704
lime	2490	2730		Top Misoner	3704
shale & lime	2730	2805		Misoner sand	3704 3724
shale	2805	2890		TW at 3724	
lime	2890	3025		Top Viola lime	3724
shale & lime shells	3025	3085		Viola lime	3724 3731
lime	3085	3115		5 1/2"OD casing set at 3726	
shale	3115	3130		sand	3731 3735
shale, shells & lm	3130	3210		gray shale	3735 3754
shale & lime	3210	3280		shale	3754 3756
shale & shells	3280	3335		lime	3756 3762
shale & lime	3335	3361		blue shale	3762 3781
sand	3361	3363	very light oil stain	<del>sand</del> (ARBUCKLE LIME)	3781 3782
<del>sand</del> - cored	3363	3373	- cored	TD - SIM	3782 Hole full water
sand	3363	3364	very light oil stain		
sandy lime & lime	3364	3370			
red shale	3370	3373			
cored	3373	3379			
red shale	3373	3377			
sandy green shale	3377	3378			
cherty conglomerate	3378	3379			
7"OD casing set	3378				
Top Conglomerate	3378				

Standardized

conglomerate	3379	3391	1/2 Gallon
sandy lime	3391	3394	oil per hour
chat	3394	3398	
red shale	3398	3400	
chat	3400	3415	



**PLUGGING**  
 3379-3383  
 FILE SEC 16 26 74  
 BOOK PAGE 26 LINE 44

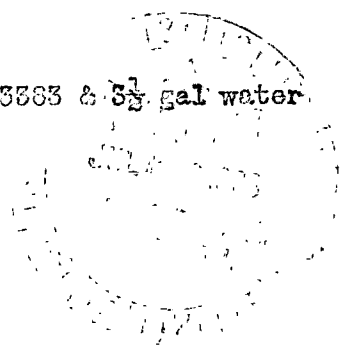
Magnolia Petroleum Company  
 H. Engolland #1  
 NE/c SE $\frac{1}{4}$  Section 16-21S-7W.  
 Rice County, Kansas

cellar	0	8			
sand, shells & red bed	196	196		sand- soft	3415 3420
13"OD casing set	196			500' water in hole	3415-20
shale & shells	196	225		lime	3420 3429
red bed, shale & shells	225	600		shale	3429 3431
shale & salt	600	1000		lime	3431 3454
shale & lime	1000	1355		shale - gray	3454 3475
lime	1335	1450		Base Mississippi Lime	3456
sandy lime	1430	1450		lime	3475 3482
shale & lime	1450	1565		shale	3482 3503
shale	1565	1705		making $\frac{1}{2}$ Gallons bailers oil per hour	
shale & shells	1705	1850		shale & shells	3503 3510
shale & lime	1850	1980		shale	3510 3536
shale & shells	1980	2130		lime	3536 3600
shale	2130	2230		shale	3600 3602
shale & lime	2230	2425		lime	3602 3606
shale	2425	2490		shale, blue	3606 3704
lime	2490	2730		Top Misener	3704
shale & lime	2730	2805		Misener sand	3704 3724
shale	2805	2890		HFV at 3724	
lime	2890	3025		Top Viola lime	3724
shale & lime shells	3025	3085		Viola lime	3724 3731
lime	3085	3115		5 $\frac{1}{2}$ "OD casing set at 3726	
shale	3115	3130		sand	3731 3735
shale, shells & lm	3130	3210		gray shale	3735 3754
shale & lime	3210	3280		shale	3754 3756
shale & shells	3280	3335		lime	3756 3762
shale & lime	3335	3361		blue shale	3762 3781
sand	3361	3363	very light oil stain	sand (ARBUCKLE LIME)	3781 3782
<del>sand</del> cored	3363	3373	- cored	TD - SIM	3782 Hole full water
sand	3363	3364	very light oil stain		
sandy lime & lime	3364	3370			
red shale	3370	3373			
cored	3373	3379			
red shale	3373	3377			
sandy green shale	3377	3378			
cherty conglomerate	3378	3379			
7"OD casing set	3378				
Top Congolmerate	3378				

Standardized

conglomerate	3379	3391	$\frac{1}{2}$ Gallons bailer oil per hour	3379-3383	& 5 $\frac{1}{2}$ gal water
sandy lime	3391	3394			
chat	3394	3398			
red shale	3398	3400			
chat	3400	3415			

FILE 16-21-7W  
 BOOK PAGE 26 LINE 44



Magnolia Petroleum Company  
 H. Engelland #1  
 NB/c SB<sub>2</sub> Section 16-21S-7W.  
 Rice County, Kansas

cellar	0	8						
sand, shells & red bed	8	196		sand- soft	3415	3420		
13" OD casing set	196			500' waterin hole	3415-20'			
shale & shells	196	235		lime	3420	3429		
red bed, shale & shells	225	600		shale	3429	3431		
shale & salt	600	1000		lime	3431	3454		
shale & lime	1000	1335		shale - gray	3454	3478		
lime	1335	1450		base Mississippi Lime	3456			
sandy lime	1430	1450		lime	3475	3482		
shale & lime	1450	1565		shale	3482	3503		
shale	1565	1705		making <sup>1</sup> / <sub>2</sub> Gallons				
shale & shells	1705	1850		making <sup>1</sup> / <sub>2</sub> barrels oil per hour				
shale & lime	1850	1980		shale & shells	3503	3510		
shale & shells	1980	2130		shale	3510	3586		
shale	2130	2230		lime	3536	3600		
shale & lime	2230	2425		shale	3600	3602		
shale	2425	2490		lime	3602	3606		
lime	2490	2730		shale, blue	3606	3704		
shale & lime	2730	2805		Top Misener	3704			
shale	2805	2890		Misener sand	3704	3724		
lime	2890	3025		NEW at 3724				
shale & lime shells	3025	3085		Top Viola lime	3724			
lime	3085	3115		Viola lime	3724	3751		
shale	3115	3130		5 1/2" OD casing set at 3726				
shale, shells & lm	3130	3210		sand	3731	3735		
shale & lime	3210	3280		gray shale	3735	3754		
shale & shells	3280	3335		shale	3754	3756		
shale & lime	3335	3361		lime	3756	3762		
sand	3361	3363	very light oil stain	blue shale	3762	3781		
<del>sand</del> - cored	3363	3373	- cored	sand	3781	3782		
sand	3363	3364	very light oil stain					
sandy lime & lime	3364	3370						
red shale	3370	3373						
cored	3373	3379						
red shale	3373	3377						
sandy green shale	3377	3378						
cherty conglomerate	3378	3379						
7" OD casing set	3378							
Top Congolmerate	3378							

TD - SIM 3782 Hole full water

**PLUGGED**  
 FILE SEC 16.21.7W  
 BOOK PAGE 26 LINE 44

Standardized

conglomerate	3379	3391	1/2 Gallon	oil per hour	3379-3385	& 3 1/2 gal water
sandy lime	3391	3394				
chat	3394	3398				
red shale	3398	3400				
chat	3400	3415				