

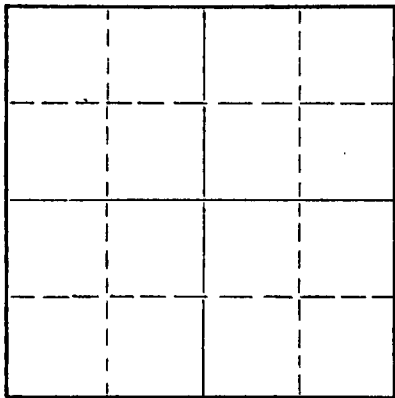
15-167 - 00299-00-00

STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

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

Russell County. Sec. 16 Twp. 12 Rge. 14 (E) W (W)
Location as "NE/CNW%SW%" or footage from lines NE SW SE
Lease Owner Shields Oil Producers
Lease Name Heard "A" Well No. 1
Office Address Box 248, Russell, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed July 15 19 55
Application for plugging filed July 15 19 55
Application for plugging approved July 15 19 55
Plugging commenced July 15 19 55
Plugging completed July 16 19 55
Reason for abandonment of well or producing formation Dry Hole



Locate well correctly on above
Section Plat

If a producing well is abandoned, date of last production _____ 19____
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Milton Galyardt
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3320 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
				20"	22'	22'
				15 1/2"	335'	335'
				12 1/2"	581'	581'
				10 3/4"	885'	885'
				8 5/8"	2514'	2514'
				7"	3110'	3110'

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.

Started 7" casing and mudded
Pulled 7" casing
Started 8 5/8" casing and mudded
Pulled 8 5/8" casing
Started 10 3/4" casing and mudded
Pulled 10 3/4" casing
Start 12 1/2" casing and mudded
Pulled 12 1/2" casing
Started 15 1/2" casing and pulled to 300'
Set bridge @300' and cement with 60 sax
Pulled 15 1/2" casing
Pulled 20" casing
Set bridge @ 35 feet and cement with 30 sax to cellar

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Shields Oil Producers
Address Box 248, Russell, Kansas

STATE OF KANSAS, COUNTY OF RUSSELL, ss.
F. R. Holt (employee of owner) or (~~owner or 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) F. R. Holt
Box 248, Russell, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 18th day of July, 19 55

My commission expires 12-18-1957
Jack P. Beeman Notary Public.

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07-20-55



Shields

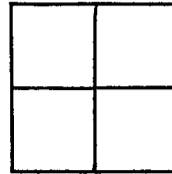
15-167-00299-00-00

Russell, Kansas

WELL LOG

Operator: **Shields Oil Producers**
 Well: **Heard "A" #1**
 Commenced: **June 6, 1955**
 Completed: **July 17, 1955**
 Contractor: **Shields' BE Spudder**

Well Description: **NE SW SE**
Sec. 16-12-14W
Russell County, Kansas



CASING RECORD

Size	Run	Pulled
20	22'	22'
15 1/2"	335'	335'
12 1/2"	581'	581'
10 3/4"	885'	885'
8 5/8"	2514'	2514'
7"	3110'	3110'

Elevation: **1818' DF**
 Treatment:

Production: **D&A**

Tops:		
Anhydrite		880'
Topeka		2722'
Heebner		2950'
Toronto		2972'
Lansing K. C.		3004'
Shaly Cong.		3281'

.....Figures Indicate Bottom of Formations.....

Cellar	8
Yellow Clay	14
Sand	20
Blue Shale	100
Shale, Sandy	135
Shale, Black	215
Shale, Light	230
Shale, Sandy 1 B WPH @380	250
Shale, Light	308
Red Rock	318
Shale, Sandy White	330
Red Rock	345
Shale, Blue	350
Shale, Sandy	375
Shale Sandy	375
Shale, Light	415
6 B WPH @415	
Sand	430
Shale, Gray	440
HFW @ 440	
Sand	460
Shale, Blue	483
Sand, Hard	490
Shale, Blue	510
Shale Sandy	515
Shale, Blue	530
Sand	535
Shale, Light	545
Sand	549
Sand, Hard	554
Sand	558
Sand, Hard	563
Shale, Sandy	585
Shale, Light	610
9 B WPH @710	
Red Rock	877
More Water 830	
Chalk	880
Anhydrite Lime	920
Red Rock	1055
Lime & Shale	1090
Red Rock	1165

Shale, Blue	1255
Shale & Shells	1270
Salt	1505
Shale, Blue	1510
Lime & Shale	1545
Lime	1550
Lime & Shale	1610
Shale	1619
Red Rock	1625
Lime, broken	1635
Lime	1655
Lime & Shale	1675
Shale, brown	1690
Lime & Shale	1715
Lime	1730
Red Rock	1750
Lime	1785
Shale	1790
Lime, Broken	1835
Lime	1860
Lime, Sharp	1879
Shale, Blue	1888
Red Rock	1900
Lime	1920
Shale, Brown	1925
Lime	1935
Lime, Sharp	1942
Lime, Broken	2000
Lime	2008
Shale, Brown	2020
Lime	2025
Red Rock	2033
Lime, Broken	2060
Lime	2080
Red Rock (Cave)	2095
Lime	2152
1/2 B WPH @2095	
Shale	2160
Red Rock	2170
Lime	2185
Shale	2190
Lime	2225

Notes

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WELL LOG
Shields Oil Producers
Heard "A" #1

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Shale	2230	Lime, Dodge	2989
Lime	2235	Red Rock	2992
Shale & Shells	2255	Shale	3004
Lime	2265	Lime, K. C.	3022
Shale	2290	Shale	3032
Shale, Brown	2295	Small show of oil	
Lime	2303	3032-37	
Shale	2320	Lime	3085
Lime	2325	Shale	3091
Shale & Shells	2240	HFV 3095 to 3108	
Lime Broken	2260	Lime	3143
Lime	2270	Shale	3146
Shale	2380	Lime	3190
Lime	2395	Shale	3192
Shale	2415	Lime	3200
Lime	2419	Shale, Black	3204
Shale	2443	Lime	3210
Lime	2455	Shale	3220
Shale	2463	Lime	3240
Lime	2485	Shale	3245
Shale, Sandy	2500	Lime	3268
1 B WPH @2485-2500		Shale	3274
Shale, Blue	2509	Lime	3281
Lime, Broken	2525	Shaly Conglomerate	3290
Shale, Blue	2535	Cherty Cong. Leached	
Lime, Broken	2559	yellow dolomitic chert	
Lime	2570		3301
Shale	2586	Red Shale and impure	
Lime	2595	weathered appearing	
Shale	2600	limestone, dolomitic	
Lime	2605	white-yellowish,	
Shale & Shells	2625	fossiliferous	
Shale	2647		3311
Lime	2668	Oolitic chert and red	
Shale	2681	ferruginous shale,	
Lime	2701	very sharp various	
Shale	2722	colored oolitic cherts	
Cemented caves with			3320 TD
50 sacks from 2730 to			
2655			
Lime, Tepeka	2870		
1/2 B WPH @2800-10			
Shale	2875		
Lime	2950		
Shale, Heebner	2954		
Lime	2960		
Shale	2972		

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