

Secret #1
SE/4 of Section 20-17S-10W
Ellsworth County, Kansas
Phillips Petroleum Company
Atlantic Refining Company
And
Heimerich & Payne, Inc.

Commenced: December 13, 1941
 Completed: December 31, 1941

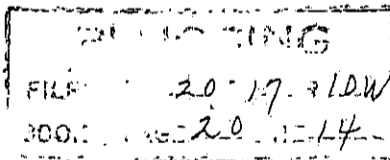
Surface clay and shells	0	125
Sand and lime shells	125	320
Sand and shells	320	375
Red bed and shale	375	578
Shale and shells	578	1040
Salt and shale	1040	1225
Shale and shells	1225	1325
Lime	1325	1345
Shale and streaks of lime	1345	1375
Broken lime	1375	1755
Lime	1755	1985
Broken lime	1985	2125
Lime and shale	2125	2155
Broken lime	2155	2405
Shale and lime	2405	2480
Broken lime	2480	2680
Lime	2680	2890
Broken lime	2890	2950
Shale and lime	2950	2998
K. C. Lime	2998	3073
K. C. Lime, hard	3073	3083
K. C. Lime, soft	3083	3120
Lime	3120	3291
Conglomerate	3291	3310
Conglomerate and chert	3310	3322
Conglomerate	3322	3344
Arbuckle Lime	3344	3387
TOTAL DEPTH	3387	

CASING RECORD

8-1/4" Surface Casing set at 235' and cemented with 130 sacks of cement.

PLUGGING RECORD

Put 8 sacks of cement on top of plug at 235 ft. Filled hole with mud up to 5 ft. below bottom of cellar. Put in plug and filled pipe with 4 sacks of cement level with bottom of cellar.



STATE OF OKLAHOMA)
) ss
 COUNTY OF TULSA)

I hereby affirm that the above and foregoing is a true and correct copy of the log of the Secret Well #1, located in the Southeast Quarter of Section 20, Township 17 South, Range 10 West, Ellsworth County, Kansas.

HEIMERICH & PAYNE, INC.,

By William B. Payne
 Treasurer

Subscribed and sworn to before me, a Notary Public, this 6th day of January, 1943.

Lucie Griffin
 Notary Public

My commission expires
 July 22, 1943.

Secret #1
SE/4 of Section 20-17S-10W
Ellsworth County, Kansas
Phillips Petroleum Company
Atlantic Refining Company
And
Helmerich & Payne, Inc.

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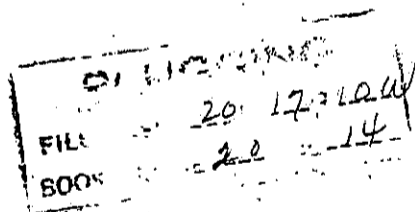
Surface clay and shells	0	125
Sand and lime shells	125	320
Sand and shells	320	375
Red bed and shale	375	578
Shale and shells	578	1040
Salt and shale	1040	1225
Shale and shells	1225	1325
Lime	1325	1345
Shale and streaks of lime	1345	1375
Broken lime	1575	1755
Lime	1755	1985
Broken lime	1985	2125
Lime and shale	2125	2155
Broken lime	2155	2405
Shale and lime	2405	2480
Broken lime	2480	2680
Lime	2680	2890
Broken lime	2890	2950
Shale and lime	2950	2998
K. C. Lime	2998	3073
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Lime	3120	3291
Conglomerate	3291	3310
Conglomerate and chert	3310	3322
Conglomerate	3322	3344
Arbuckle Lime	3344	3367
TOTAL DEPTH	3367	

CASING RECORD

8-1/4" Surface Casing set at 235' and cemented with 130 sacks of cement.

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Put 8 sacks of cement on top of plug at 235 ft. Filled hole with mud up to 5 ft. below bottom of cellar. Put in plug and filled pipe with 4 sacks of cement level with bottom of cellar.



STATE OF OKLAHOMA)
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HELMERICH & PAYNE, INC.,

By William B. Payne
 Treasurer

Subscribed and sworn to before me, a Notary Public, this 21st day of January, 1942.

Lucy Griffin
 Notary Public

My commission expires
 July 22, 1943.