

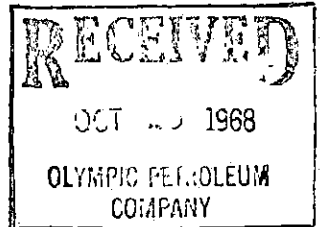
15-079-20075-0000

Blackstone Drilling, Inc.

Box 455 • 523 West Kansas • Phone CH 1-1250

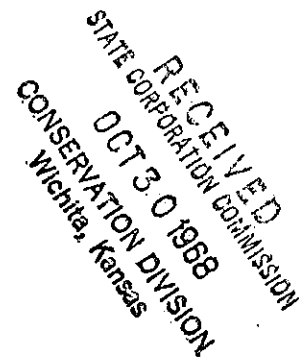
McPHERSON, KANSAS
67460

October 23, 1968



COMPANY: OLYMPIC PETROLEUM COMPANY
 CONTRACTOR: BLACKSTONE DRILLING, INC.
 FARM: CHARLES SWAN ESTATE #1
 LOCATION: C-SW/4 SW/4, Sec. 29-24S-2W,
 Harvey County, Kansas
 COMMENCED: October 12, 1968
 COMPLETED: October 22, 1968
 ELEVATION:

0	to	280	Sand
280	to	440	Blue Shale
440	to	466	Anhydrite
466	to	815	Shale & Lime
815	to	1020	Lime
1020	to	1445	Lime & Shale
1445	to	1860	Shale & Lime
1860	to	2480	Lime & Shale
2480	to	2540	Shale & Lime
2540	to	3020	Kansas City
3020	to	3232	Lime & Shale
3232	to	3340	Shale & Lime
3340	to	3370	Shale
3370	to	3820	Mississippi
3820	to	3830	Kinderhook
3830	to	3858	Hunton
3858	to	3907	Shale
3907	to	3930	Viola
3930	to	3966	Simpson
		3966	T.D.



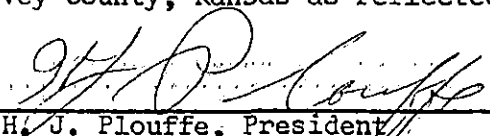
Cut 12 1/4 in. hole to 466 ft. and run 468 ft. of 8 5/8 in O.D. casing, cemented on bottom at 466 ft. with 350 sacks cement. Plug down at 5:30 P.M., October 12, 1968. But 7 7/8 in. hole to 3966 ft. DST #1 - 2867' to 2900' - Tool plugged, no test. DST #2 - 2867' to 2900' - open 2 hrs. 10 mins. IBHP 1196 @ 1 hr. IFP 31 FFP 172 FBHP 1093 @ 1 hr. HP 1363-recovered 90ft. SGMSW 120 ft. SM SW & 120 ft. S.W. DST #3 - 3479' - 3500' - recovered 1380 ft. of saltwater. Hole dry and abandoned. Set first plug at 420 ft. put in 25 sacks cement. Set 2nd. plug at 40 ft. and put in 10 sacks cement. Two sacks in rathole. Plugging completed at 10:30 A.M., October 22, 1968 by Hugh Scott, State Plugger, McPherson, Kansas

TOPS: Kansas City - 2540' B/KC - 3020' Mississippi - 3370' Kinderhook - 3820'
 Hunton - 3820' Base/Hunton - 3858' Viola - 3907' Simpson - 3930'

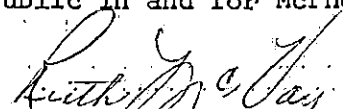
Measurements taken from K.B.

CERTIFICATE

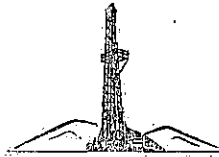
I, H. J. Plouffe, President of Blackstone Drilling, Inc. do hereby certify that the above and foregoing is a true and correct copy of log on your Charles Swan Estate #1, located on the C-SW SW of Sec. 29-24S-2W, Harvey County, Kansas as reflected by the files of Blackstone Drilling, Inc.


 H. J. Plouffe, President

Subscribed and sworn to before me a Notary Public in and for McPherson County, Kansas this 24th day of October, 1968.


 Ruth McVay - Notary Public





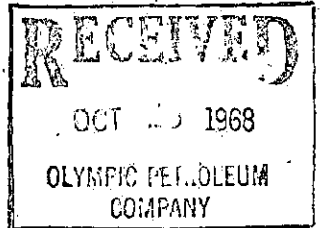
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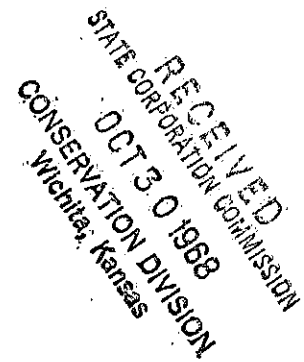
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H. J. Plouffe
 H. J. Plouffe, President

Subscribed and sworn to before me a Notary Public in and for McPherson County, Kansas this 24th day of October, 1968.

Ruth McVay
 Ruth McVay - Notary Public

