

DRILLERS LOG

15-051-210-393

32-13-16W

Re: Brawn # 1
SW SW NW Section 32-13S-16W
Ellis County, Kansas

Elevation: 1952 D. F.

OPERATOR: R. P. Nixon
CONTRACTOR: Bergman Drilling, Inc
COMMENCED: October 11, 1977
COMPLETED: October 21, 1977
TOTAL DEPTH: 3482' Ran 203' 8 5/8" w/140 sacks

0	167	Surface Sand & Shells
167	230	Shells - Sand - Shale
230	725	Shale - Sand - Red Bed
725	1070	Shale - Red Bed
1070	1114	Anhydrite
1114	1310	Shale
1310	1790	Red Bed & Shale
1790	1955	Shale - Lime
1955	2120	Lime - Shale
2120	2645	Shale - Lime
2645	3010	Lime - Shale
3010	3220	Shale - Lime
3220	3260	Lime
3260	3265	Lime - Top K. C.
3265	3305	K. C. Lime
3305	3380	Lime
3380	3455	Lime & Shale
3455	3468	Arbuckle
3468	3472	Arbuckle
3472	3482	Arbuckle
3482		Total Depth Set 4 1/2" @ 3481' w/125 sacks

We certify that the above and foregoing to be true and correct copy of the drillers log on the #1 Braun, located in Ellis County, Kansas, as revealed by the records of Bergman Drilling, Inc.


Harold I. Bergman