

PAULEY PETROLEUM INC.  
Poker Lake Unit No. 46,  
Eddy County, New Mexico.

N. M. O. C. C. C.

SIDEWALL CORE DESCRIPTION

<u>Recovery</u>			
1)	Trace	4272'	- shale, grey-black, calcareous, splintery - no show
2)	Trace	4280'	- shale, black-grey, calcareous, splintery - no show
3)	Trace	4290'	- shale, grey-black, calcareous, silty - no show
4)	3/4"	4298'	- sandstone, very fine grained, grey, shaley - no show
5)	1"	4304'	- sandstone, light grey, very fine grained, well sorted, calcareous, rounded to sub-angular, friable - no show - no odor
6)	1-1/4"	4310'	- sandstone, light grey, very fine grained, well sorted, calcareous cemented, quartzose, rounded to sub-rounded, slightly friable - solid bright white fluorescence with good cut, good odor
7)	1-1/4"	4314'	- sandstone, light grey, very fine grained, calcareous, quartzose, well sorted, sub-angular to rounded, slight friable - patchy bright white fluorescence, very poor cut, slight odor
8)	1-1/4"	4324'	- sandstone; as above (less calcareous) - no show - no odor
9)	1"	4330'	- sandstone; as above - no show - no odor
10)	1"	4343'	- sandstone; as above - no show - no odor
11)	1"	4352'	- sandstone; as above - no show - no odor
12)	1"	4360'	- sandstone; as above - no show - no odor
13)	1"	4364'	- sandstone; as above - no show - no odor
14)	1-1/4"	4370'	- sandstone; as above - no show - no odor
15)	1"	4404'	- sandstone; as above - no show - no odor
16)	1"	4410'	- sandstone; as above - no show - no odor
17)	1"	4422'	- sandstone; as above - no show - no odor
18)	1"	4440'	- sandstone; as above - no show - no odor
19)	1-1/4"	4454'	- sandstone; as above - no show - no odor
20)	1"	4464'	- sandstone; as above - no show - no odor

David Cromwell,  
Consulting Geologist

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U.S. GEOLOGICAL SURVEY  
ARTIFICIAL