

## INSPECTION REPORT

January 22, 1952

Re: Richard B. Laing #1  
NW 1/4 SW 1/4 Sec. 23  
2N-4E, Socorro County,  
New Mexico

I inspected the above captioned well on January 21, 1952. It is being drilled by Howard Sheets, a water well drilling contractor working out of Albuquerque, New Mexico. The rig is a small cable tool spudder.

The well was spudded on September 10, 1951. Eight inch surface casing was cemented at 66' and 5 1/2 inch casing at 713. Information as to amount of cement used was not immediately available.

Total depth to date was 1030. A detailed driller's log of the interval 0-983' is as follows:

0-27'	- -	Red Beds and sandstone
27-38	- -	Hard, gray limestone & claystone
38-43	- -	Red beds (shale?)
43-46	- -	Gray, sticky shale; calcareous
46-47	- -	Hard, gray limestone
47-49.5	-	Red shale
49.5-100	-	Hard, gray limestone with persistent interlamina- tions of gray shale
100-112	-	Reddish to gray sticky shale
112-296	-	Interlaminated reddish gray shale and hard gray limestone.
296-320'	-	Hard gray limestone with show of gas at 310' -
320-330'	-	Gray shale and hard gray limestone
330-334	-	Gray shale, claystone and limestone conglomerate
334-336	-	Hard gray limestone and shale
336-340	-	Med. hard, gray limestone and gray sand
340-367	-	Gray shale
367-373	-	Hard, green and gray limestone
373-414	-	Hard gray limestone with gray shale interlamina- tions. Show of petroliferous gas at 376'

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- 414-443- Grayish black med. hard limestone
- 443-450- Hard gray limestone
- 450-468- Gray shale and limestone. Trace of oil
- 468-508- Hard gray limestone and med. hard shales
- 508-510- Hard gray limestone and some black sand
- 510-575- Gray to black sands and shales. Med. hard
- 575-594- Gray, med. hard sandstone. Show of oil at 590'
- 594-630- Gray shales, hard gray limestone and hard gray quartzitic sandstone
- 630-710- Hard gray quartzitic sands w/ sporadic med. hard shale interbedding
- 710-720- Gray to black hard limestone and med. hard shale
- 720-741- Hard, black, finegrained sandstone, slightly calcareous
- 741-746- Black, finegrained sand, trace of shale
- 746-779- Gray and black coarse grained sandstone
- 779-798- Hard gray finegrained sand, little lime
- 798-806- Reddish brown, med. hard shale
- 806-810- Hard, gray, f.g. quartzitic sandstone
- 810-834- Hard gray limestone, traces of sand
- 834-842- Med. coarse, gray calcareous sandstone with strong petroliferous odor
- 842-847- Finegrained, gray calcareous sand
- 847-854- Finegrained, gray sandstone, med. hard
- 854-865- Gray limestone, sandy, med. hard
- 865-876- Gray sandy siltstone
- 876-892- Gray lime and finegrained sandstone, hard
- 892-910- Med. hard quartzitic, sandstone
- 910-920- Finegrained gray sand and limestone, hard
- 920-934- Sandy, black siltstone
- 934-941- Hard gray calcareous sandstone
- 941-951- Med. hard, gray shale
- 951-966- Hard, gray sand
- 966-971- Sticky shale and some lime conglomerate
- 971-983- Hard, gray limestone and sticky shale - traces of sand toward bottom.

The well is presently making some gas at approximate pressures of 30-40 lbs. This gas is shut in and controlled.

*Eugene A. Chavez*  
EUGENE A. CHAVEZ,  
Geologist

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

*Richard B. Luing*  
*Sanchez #1*

*NW 1/4 SW 1/4 Sec 23, T2N, R4E*  
*Socorro County*

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983-1034'	Limestone with traces of sand, very hard
1034-1060	Limestone, very hard to med. hard
1060-1064	Limestone and sand, hard
1064-1065.5	Gray Shale
1065.5-1072	Hard Gray Limestone
1072-1072.5	Shale and lime, sticky
1072.5-1075	Hard limestone
1075-1076	Grey, sticky shale
1076-1090	Gray, hard limestone
1090-1130	Hard, black limestone
1130-1135	Hard, gray limestone
1135-1144	Hard, gray sandy lime
1144-1146	Med. hard, gray shale
1146-1170	Hard, gray limestone
1170-1170.5	Shale
1170.5-1182	Hard, white limestone