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## DRILLING REPORT

COLO. OIL &amp; GAS CONS. COMM.

VIKING RESOURCES CORPORATION

#24-36 State-Williams



00290799

LOCATION: SE SW Section 36-T12N-R54W, Logan County, Colorado

ELEVATION: 4669 Ground 4680 KB  
All measurements were taken from Kelly Bushing

COMMENCED: September 24, 1980

COMPLETED: September 29, 1980

## DAILY DRILLING REPORT:

September 24 Spudded  
 September 25 Drilling at 409'  
 September 26 Drilling at 4388'  
 September 27 Drilling at 5139'  
 September 28 Drilling at 5546'  
 September 29 Drilled to TD of 5684'  
 Ran electric logs, plugged and abandoned.

CORES: None

DRILL STEM TESTS: None

DRILLING CONTRACTOR: Exeter Drilling Co., Denver, Colorado  
Rig #13 Mr. D. Brown - ToolpusherCASING: Ran 399 ft. of 8 5/8 inch surface casing set at 409 ft.  
KB, cemented with 350 sacks.

## BIT RECORD:

No.	Size	Make	Type	Footage	Hours
1	7 7/8	Smith	DSJ	409-4607	30 1/2
2	7 7/8	Smith	DTJ	4607-5177	11
3	7 7/8	Hughes	OSC-G	5177-5609	22 1/4
4	7 7/8	Hughes	OW4J	5609-5184	5

Formation	Electric Log Depth	Sub-C-Datum
Niobraro	4642	
Carlile	5016	
Greenhorn	5230	
Bentonite	5376	-696
"D" Sand	5478	-798
"J" Sand	5590	-910
"J" -2 Sand	5617	-937
Total Depth	5676	Drillers 5684

## SAMPLE DESCRIPTION

"D" Sand  
 5478-5491 White fine to medium grained, semi rough sandstone, some clay filling, good porosity, no shows.  
 5491-5497 White fine grained dense sandstone, tight, no shows.  
 5497-5512 White fine to medium grained sandstone, clay filled poor porosity, a few pieces of sand had faint florescence.  
 5512-5518 Sand shale

"J" Sand  
 5590-5600 White fine grained, dense clay filled sandstone, no shows.  
 5600-5610 White fine grained, glassy sandstone  
 5610-5617 Black shale  
 5617-5651 White fine to medium grained slightly irregular grained sandstone, some clay filling, good porosity, a few pieces of sand had slight florescence from 5617-5632.

DVR	
FJP	
HHM	
JAM	✓
JJD	✓
RLS	
CBM	

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5651-5676 Sandy shale



Conclusion:

After careful study of the samples and electric logs, this well was plugged and abandoned.

A handwritten signature in dark ink, which appears to read "Duane S. Larson", is written over a horizontal line.

Duane S. Larson  
Petroleum Geologist  
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