



#1 Clearman  
C NE NW 25-12N-55W  
Logan County, Colorado

SURFACE CASING: 8-5/8" @ 228' with 155 sacks  
ELEVATION: 4791' Ground  
4796' KB  
CONTRACTOR: Regal Drilling Company  
SAMPLES: 4750' - TD  
CORING PROGRAM: Core #1 5850-5890 "D" Sand  
Core #2 5965-6009 "J" Sand  
CORE ANALYSIS: Research Lab  
Kimball, Nebraska  
ELECTRIC LOGS: IES and Microlog  
Schlumberger  
DATE COMMENCED: April 16, 1964  
DATE DRILLING COMPLETED: April 25, 1964  
STATUS: Dry and abandoned

05-075-07285



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FORMATION TOPS

NIOBRARA	5026'
FORT HAYS	5302'
CODELL	5382'
CARLILE	5391'
GREENHORN	5594'
BENTONITE	5744'
"D" SANDSTONE	5849'
"J" SANDSTONE	5964'
TOTAL DEPTH	6040'

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"D" SANDSTONE

CORE #1 5850-5890

Cut 40', Recovered 40'

5850-5884	34'	Reworked sand, silt and shale.
5884-5885½'	1½'	Sand, very hard, fair - good porosity and permeability, no show.
5885½-5887½	2'	Reworked sand, silt and shale.
5887½-5888½	1'	Sand, very hard, fair - good porosity and permeability, now show, appears wet.
5888½-5889	6"	Reworked sand and shale.
5889-5890	1'	Sand, very hard, good porosity and permeability, no show, wet.

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"J" SANDSTONE

CORE #2 5965-6009½

Cut 44½', Recovered 44½'

5965-5966	1'	Silty shale.
5966-5984	18'	Reworked sand and shale with silt stringers.
5984-5987	3'	Silty shale.
5987-5990½	3½'	Shale.
5990½-5993½	3'	Reworked sand and shale.
5993½-5996	2½'	Shale, thin coal seams.
5996-5998½	2½'	Sand, 60% shaly, fair porosity and permeability, fair - good oil stain and odor, poor - fair fluorescence.
5998½-5999½	1'	Shale.
5999½-6001	1½'	Sand, silty - clayey matrix, poor porosity and permeability, no shows.
6001-6003½	2½'	Sand, some shale inclusions, fair odor, stain, and fluorescence, fair - good porosity and permeability, appears wet.
6003½-6009½	6'	Sand, fairly clean, fair porosity and permeability, some odor and stain in 8" section 1' below top, appears wet.

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Based on core recoveries in the "D" and "J" Sand intervals,  
the #1 Clearman was plugged and abandoned April 26, 1964.