



00091619

February 2, 1971

This Summary Geological Report is for:

Edward Mike Davis' Peterson #1-33
SE $\frac{1}{4}$ SW $\frac{1}{4}$ - Section 33 - T2N - R56W
Morgan County, Colorado

Spud Date: Surface pre-set. Spudded December 30, 1970.

Surface Casing: Set 2 joints of 8-5/8" x 24# surface casing at 90 feet. Cemented with 65 sacks cement.

Hole Size: 7-7/8"

Cores: One from 5150-55

Drill Stem Tests: One from 5151-55

Logs: Schlumberger Induction-Electrical Log

Log Date: January 30, 1971

Disposition: Plugged with 15 sacks bottom of surface casing (98') and 10 sacks top of surface casing. Plugging instructions received from Mr. Frank Piro, Colorado Oil and Gas Conservation Commission.

Electric Log Tops: Elevation: 4418' GR; 4427' KB
Niobrara 4337
Fort Hays 4691
Carlile 4738
Greenhorn 4810
Bentonite 5054
"D" Sand 5146 (-719)
"J" Sand 5227 (-800)
Total Depth 5285 Log; 5288 Driller

CORE #1

Interval: 5150-5155 (corrected to 5147-5152 Log Measurements)
 Recovery: 4.45 feet (lost 0.55 foot)
 Coring Time: 50 - 25 - 55 - 60 - 53
 Description: 4.45 feet - Sand, tan, fine-grained, good porosity and permeability, fair odor and stain, good fluorescence

DST #1

Interval: 5151-5155 (corrected to 5148-5152 Log Measurements)
 Tool Open: Open 72 minutes for test, shut-in 30 minutes for final shut-in pressure
 Blow: Opened with good blow 4" to strong (bottom of bucket) in 2", remained strong for 40", slowly decreased to weak (1") in 72".
 Recovery: 90' water cut mud
 1847' water, slightly oil cut on top
 Pressures: IHP - 2906 IFP - 315 ISIP - None Taken
 FHP - 2848 FFP - 830 FSIP - 887

Robert O. Karl

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 Geologist