

Rocky Mountain Geo-Engineering

Grand Junction, Colorado

COMPANY CONTINENTAL OIL COMPANY
WELL NO. 1 HUFFMAN
FIELD WC
ELEVATION 5208 GR 5218 KB

LOCATION SEC 30 T19S R68W
COUNTY FREMONT
STATE COLORADO
DRILLING FLUID GEL BASE

DEPTH LOGGED 3200' 4238'
DATE LOGGED 1-23-66 2-4-66
ENGINEERS BILL COVEY

SHALE

SANDSTONE

LIMESTONE

DOLOMITE

CHERT

CONGLO.

COAL

OIL FLUO.

TRACE

FAIR

GOOD

METHANE

ETHANE

PROPANE

ISO & NOR BUTANE

LEGEND FOR CHROMATOGRAPH

C₁ ISO & NOR PENTANE

C₂ HYDROGEN

C₃ CARBON DIOXIDE

C₄ OTHER

CORE NO.

DST NO.

DEVIATION

MS-NEW BIT

NR-NO RETURNS

CO-CIRCULATE OUT

The log chart displays data from a well depth of 3200' to 4238'. The leftmost column shows the drilling rate in minutes per foot (min/ft) on a scale from 5 to 20. The next column is the lithology, with a color-coded key: shale (light gray), sandstone (yellow), limestone (dark gray), and dolomite (white). The third column shows the mud gas content, with a scale from 0 to 200. The fourth column is the chromatograph, showing percentages of methane (C₁), ethane (C₂), propane (C₃), and other gases (C₄). The rightmost column contains remarks and core/dst numbers. The log is divided into sections by depth intervals: 3200-3300, 3300-3400, 3400-3500, 3500-3600, 3600-3700, 3700-3800, 3800-3900, 3900-4000, 4000-4100, and 4100-4200. The bottom section (4200-4238') is labeled 'RAN LOGS TO TD 4238'.

DEPTH	DRILLING RATE (min/ft)	LITHOLOGY	MUD GAS	CHROMATOGRAPH % GAS	REMARKS
3200	10	shale	10	10	gry-clear vcg ang p-sort ark ss w/variegated mica sdy shs
3250	10	shale	10	10	ark ss as abv m-cg unconsol. red mica sdy shs
3300	10	shale	10	10	wh vfg fria clean ss
3350	10	shale	10	10	gry-wh vfg hd w-cem silic ss
3400	10	shale	10	10	gry sdy-silty sucrosic dolo
3450	10	shale	10	10	variegated shs s/grn s/blk carb sh
3500	10	shale	10	10	gry-grn-red mica sdy shs as abv
3550	10	shale	10	10	lt gry-wh sucrosic dolo
3600	10	shale	10	10	wh vfg w-cem hd silic-dolo ss 10.0 41 8.4 2 8
3650	10	shale	10	10	ss as abv incr in qrtz v cg abund wh weathered feldspars v cg ark ss w/abund mica inclus
3700	10	shale	10	10	var shs & wh weathered feldspars clear m-cg uncon ang mica ark ss
3750	10	shale	10	10	abund red-pink-orge feldspars v cg ark mica ss as abv
3800	10	shale	10	10	abv ss w/abund mica inclusions s/wh wath feldspars
3850	10	shale	10	10	ss as abv
3900	10	shale	10	10	pink-orge-clear vcg ark ss
3950	10	shale	10	10	decr in mica inclusions
4000	10	shale	10	10	decr in red feldspars
4050	10	shale	10	10	wh weathered feldspars s/red-grn shs
4100	10	shale	10	10	abund wh weathered feldspars & mica (biotites)
4150	10	shale	10	10	red-pink-orge vcg ang ark ss
4200	10	shale	10	10	ark ss as abv
4238	10	shale	10	10	s/wh weathered feldspars