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The Frontier Refining Company
Evensen Government No. 2-GD
C SESE Sec. 19-27N-10W
San Juan Co., New Mexico

Contractor - Great Western Drlg Co.
Spudded May 2, 1959
Elev: 5976'KB

Sample and core descriptions:

5000-5105 Sh, dk gry, fissile, carb interbedded w/ss, vy f, lt gy, shly.
5105-5210 Sh, dk gry, fissile w/strks ss, f., dk gry, glauc, no P&P, no show.
5210-5345 Sh as above, w/interbeds ss, lt tan-gy, f. to vy f, no P&P, glauc, no show.
5345-5507 Sh as above w/interbeds ss, lt brown, f to vy f, no P&P. S&P, glauc, possible fluorescence.
5507-5515 Ss, lt brown, sl P&P, glauc, S&P, f, w/fluor.

Top Basal Gallup 5515'

Core #1 5515-5546: Rec 32½'

11' ss, lt gry, vy tan, sl P&P, S&P, sl glauc, bleeding oil & gas, sl friable

21½' sh, dk gry, sdy, carb, vy f throughout

DST #1 5506½-46½ Open 65 min w/gd blow throughout.

Gas to surface in 58 min, too small to measure.

Rec 20' HGC drlg mud; 90' sl oc and HGC drlg mud.

ISIP 1682# and building

IFP 55#

FFP 70#

FSIP 1390#

IHP 2705#

FHP 2705#

5546-6020 Sh, dk gry.

6020-6180 Sh, dk gry, some gritty w/streaks ls, lt gry, fnly xln, some vy fnly sdy

Top Greenhorn 6020'

Note: Log top of Dakota at 6128'. Samples from 6020 to 6180' vy poor, 95% cave.

6180-6200 Ss, wh, f-med, ang, ti to sl por, fairly soft, bright blue fluor and cut, no odor, st, or taste.

6200-10 Sh, dk gry.

Core #2 6210-52': full recovery

20' sh & siltst, ti, no show

1' ss & sh intercalated, st & odor

6½' ss, st & odor & fluor, ti to sl por, sl bubbling of gas

20½' sh, siltst, ss & coal interbedded

Core #3 6252-92': Recovered 31', lost 9'

2' sh

1' ss, f, ti, odor, lt st & fluor

3' sh & coal interbedded

3' ss, f ti, fluor, odor, lt st.

10' sh & coal interbedded

1' ss, f. ti, st & odor, fluor

6' sh & coal interbedded

9' not recovered

4
DST #2 6225-52': Open 2 hrs, opened w/good blow continuing throughout test. No gas to surface. Recovered 60' sli G.C. mud, no water.

IHP 3000#
ISIP 500#
IFP 30#
FFP 30#
FSIP 185#
FHP 2965#

Core #4 6292-6342': full recovery

1' sh, black
17' ss, f-med to med, no P&P, fluor, lt st & odor
10' ss & sh interbedded, lt fluor, vy ti.
22' ss, med to coarse, some conglomeratic, gd odor, st & fluor, gd P&P

Core #5 6342-60': full recovery

6' ss & conglomerate, tightly cemented, soft, crumbly, poor fluor, no st or odor.
12' sh, lt gry-green, hd.

Top Morrison 6348'

DST #3 6255-6342': Open 30 min. Gas to surface immediately, oil in 5 min. Gas volume est 4 to 10 million CFD. 50' flare. Surface pressure 1500#. Rec 270' mud-cut distillate, 540' distillate-cut water.

IHP 2980#
ISIP 2900#
IFP 1020#
FFP 2135#
FSIP 2760#
FHP 2930#

TD Schlumberger 6373'
TD Driller 6395'