C281

10-5S-97W
GETTY 13-10

GETTY CORE HOLE NO. 13-10

Location: Section 10, T.5S, R.97W. Garfield County, Colo.
2627.5' from North Line, 2459.9' from East Line.

Elevation: 8013.5' ground

Drilled: 0 to 607'
Cored: 607' to 831.5'

Date Coring Commenced: September 23, 1964
Date Coring Completed: October 1, 1964

Mahogany Marker: 674.7' + 7338.8'

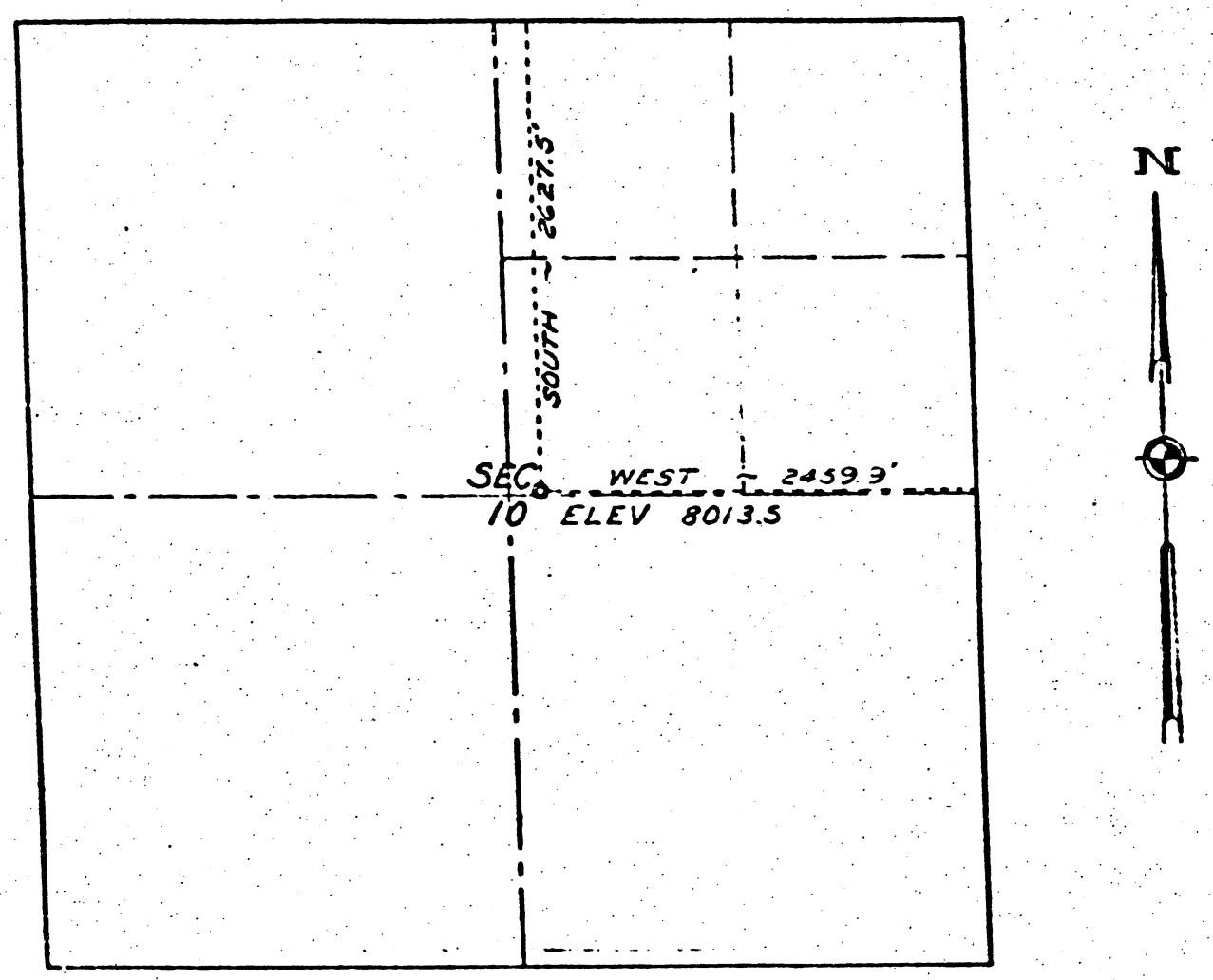
Remarks:

Generalized Core Description:

607-642.7'	Marlstone, brown, diagonal fracture @ 608', vertical fracture 618-619'. Diagonal fractures @ 628.5, 638.5
642.7-653'	Marlstone, tan, silty, 1" tuff @ 646, 2" mineralized tuff @ 648'.
653-674.7'	Marlstone, brown, numerous thin tuff beds 659-665'.
674.7-675.1'	Mahogany Marker, analcitized tuff.
675.1-719'	Marlstone, brown, 2" tuff beds @ 693.4 & 693.8', diagonal fractures @ 711', 714.5', 718.5', mineralized tuff beds 717-718'.
719-720.5'	Marlstone, tan
720.5'-726'	Marlstone, brown, diagonal fractures @ 722', 724', 725'.
726-730'	Marlstone, tan, highly argillaceous w/ numerous thin beds & veinlets of clay.
730-735.5'	Marlstone, tan, vertical fracture 731.5-733'.
735.5-749'	Marlstone, brown, diagonal fractures @ 738,740,742, 742.5', 3" siltstone @ 743'.
749-754.5'	Marlstone, dk. grey, highly fractured.
754.5-759.4'	Marlstone, brown w/tan bands, highly fractured.
759.4-760.3'	Mineralized tuff.
760.3-768'	Marlstone, grey, silty, numerous thin argillaceous beds, highly fractured.

GETTY CORE HOLE NO. 13-10 (cont'd.)

768-777'	Marlstone, tan, silty, highly fractured.
777-786.5'	Marlstone, lt. grey, silty, occasional argillaceous zones, highly fractured, very fine pyrite crystals coating many fractures.
786.5-790.5'	Marlstone, tan, silty.
790.5-571.7'	Marlstone, brown.
791.7-799.5'	Marlstone, tan, 2" minceralized tuff beds @ 791.3, 791.8, 795.8, highly fractured.
799.5-813'	Marlstone, brown & tan banded
813-813.4'	Analcitized tuff.
813.4-823'	Marlstone tan w/brown bands, silty.
823-827'	Marlstone, grey, some thin argillaceous zones, numerous fractures.
827-831.5'	Marlstone, tan w/brown bands.



LOCATION

CORE HOLE NO. 13-10

GETTY OIL COMPANY

SITUATED IN SW¼NE¼ SECTION 10

T. 5 S., R. 97 .. OF THE 6TH P. M.

GARFIELD COUNTY, COLORADO

SCALE 1 INCH = 1000 FEET

[illegible] certify that the [illegible] shown on this [illegible] was plotted from field [illegible] of actual surveys made [illegible] under my supervision [illegible] and [illegible]

[illegible] ust 20, 1964

[illegible]
Registered Land Surveyors
[illegible] Springs, Colorado
[illegible]
[illegible]

OIL SHALE CORE HOLE DATA SHEET

HOLE NO. 13-10

LOCATION SW 1/4 NE 1/4 Sec 10, T5S R97W

ELEVATION 8014

TOTAL DEPTH 831

LOGS: DENSITY-CALIPER 10-811

GAMMA RAY NEUTRON 0-812

RESISTIVITY - S.P. 60-806

TEMPERATURE DIFFERENTIAL NOT RUN

OIL SHALE ZONES (IN HOLE)

ZONE ABOVE MAHOGANY 401-642

MAHOGANY 652-769

R-6 not penetrated

R-4 not penetrated

FISCHER ASSAY INTERVALS 607-831

REMARKS LOGGED 1975

Need computed oil yields 401-607