API Well No ____________ S. 22 T. 13N R. 61E Mer. ______

STATE NEVADA COUNTY OR PARISH WHITE PINE CO.

SW SW NW SURVEY SEC. 22 TWP 13N BLK RGE 61E ABST.

COMPANY TENNECO

WELL NO. 9 FARM Core Hole

FT. FR. LINES N ____ E ____ S ____ W ____

ELEV KB DF GL ____ TD ____ PRODUCING FORMATION ____ OLDEST FORMATION PENETRATED ____

IP OIL OR GAS ____ COMM DRLG 7-11-70 COMP ____

REMARKS

ELEC. LOG PROGRAM		
TYPE	FROM	TO
GR-SP-RES	0	770
GR-SP	0	1055
GR-SP-RES	0	1145
GR-N	0	1228

LOGGED BY EDMISTEN & SOLLERS DATE 7-70

Oil Shows: — OIL, — DEAD OIL, — GAS, — WATER (DST)

Paleontologic Symbols

— Fault, — System boundary, — Formation boundary, — Unconformity

Clay < 0.004 mm; Silt 0.004 - 0.0625 mm; VF 0.0625 - 0.125 mm; F 0.125 - 0.25 mm; M 0.25 - 0.50 mm; C 0.50 - 1.0 mm; VC 1.0 - 2.0 mm; Congl. > 2.0 mm

VERY POROUS / POROUS / SLIGHTLY POR / TRACE

LEGEND

LIMESTONE

DOLOMITE

See below — TERRIGENOUS ROCKS — Indicate Type

<0.004 mm Lutite; 0.004 - 0.062 Siltite; 0.062 - 2.0 mm Arenite; >2.0 mm Rudite

(Includes equivalent xln. grades) SIZE GRADES

gry Gray; blk Black; brn Brown; red Red; grn Green

— Terrigenous Lutite —

Feldspar; Lithic grains; Chert detrital; Chert bedded; Salt; Gypsum or Anhydrite; Coal; Carbonaceous; Micaceous; Bentonite or Pyroclastic; Pyrite; Glauconite; Concretions; Cone-in cone; Mineral xls

— Accessories (Overprint Symbols) —

Acidic, Basic — Plutonic; Acidic, Basic — Volcanic

— IGNEOUS ROCKS —

Slate Phyllite; schist; gneiss

(see manual) — METAMORPHIC ROCKS —

Fissile, Massive — Lutite; xln; Optional Col. 2 (see manual)

STRATIGRAPHIC NAMES (Use Pencil) | ROCK TYPES (Color Code or Lithologic Symbol) | ROCK COLOR | ORIGINAL ROCK TYPE | SIZE GRADE (Grain, Crystal) | POROSITY TYPE | POROSITY GRADE | ENVIRONMENT (PENCIL)

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 Written description / 1 Div. (1st cycle) = ___ min. Time rate scale | 9

0 — Alluvium: LS: Med. yel gy, vf, weathered & ch: md.gy. frag in br rndd. & in yelgy soil matrix.

ELY

CH: med. bn gy, in pt mot lt gy, secondary replacing Ls.

LS: Lt gy bn, de-vf, in pt silic w/ch inclus & clr calcite inclus & veins

50 — LS: wht, vf, chky, soft & sh; lt yel pale org, soft, calc.—v calc in pt grading into LS.

LS: lt bn gy, vf-f, in pt silic, w/calcite veins, scat fos frag, few med gy bn ch inclus.

100 — [illegible]

LS: lt-med bn gy, de-vf, w/calcite veins.

LS: A.A. bec. wht-lt bn gy w/calcite veins & inclus & rare lt gy ch inclus.

150 — LS. as at 110 w/lt-med gy ch inclus

LS: A.A. Bec. silic & w/abund lt med gy ch inclus

200 — LS: A.A. w/abund lt med gy ch inclus & less clr calcite

LS: lt gy-yel gy, de-vf, w/abund clr calcite in veins & inclus & scat lt-med gy ch inclus.

250 — LS: l-m gy, vf-f, fos, frag, clr calcite veins & inclus, few frag micro-brec cem by spar, fos in pt rem by spar, in pt algae & productid spines.

CH: wht, ls replace, trp appear, few clr calcite inclus, abu m bn yel, soft, sub-blky, calc, rare rd bn sh frag.

300 — LS: m gy-yel gy, vf-f, gran appear, calcite veins, fos frag, scat slt-vf ch grains.

CH: L-M gy & ls, A.A.

LS: L-M gy, rd spks, vf-m, fos, pel, ool, algae, spar cem, veins, scat slt-vf ch grns

SH: yel-bn yel, soft, sub-blky, calc, ...

CH: m gy bn, in pt grading into ls, scat clr ... xtals ... grain, ...

350 — SH: dk mot rd, firm-soft, blky, ..., in pt calc.

A.A.

LS: wht buff f to mfo vchty

CH: gr-buff, sli trip

[illegible]

400 — LS: [illegible] chf.

LS: wht, buff, foss, mfg, yel stn, sli calcitic, chty

450 — LS: wht, buff, [illegible] translucent to opaque, chf.

LS. A.A. some pink & yellow color w/gr. buff. chf. some spar

500 — LS: tan-buff, fg, sli foss, spar, yellow-brn, iron stn w/buff chf

LS: buff-pink, tan, f to mfg, foss w/var chf

550 — LS: buff-tan, fg, sli foss sli silic, chty.

LS: wht, fg, silic, sli dolo, tr chf

600 — LS: buff, tan w/brn yellow stn f to mfg, calcitic, sli chty w/few foss, ostracods, brachs, spines, crinoids & etc.

SH: red-brn, yellow, soft

LS. A.A.

650 — SH: A.A.

LS: red-brn, yellow, argill, calcitic foss, f to mfg, sl. chty.

700 — SH: yellow-brn, soft, silty

DIAMOND PEAK — SH: gr, spkld, sli splintery

750 — [illegible]

SH: gr, spkld, sli splintery, py

SH: red, brn, soft

Poor Samples

800 — Sh, gr, spkld, soft

A.A.

Ss, gr, fg, argill, tite

Sh, gr, soft, sli calc.

LS, wht, fg, soft, py

850 — Sh, gr, carb, soft, some buff, red, etc.

Sli pyritic

900 — Ss, fg, ang, slipor argill, sli friable w/occ tite stk sli pyritic, ss w/out. FL.

Sh, gr, soft, carb, sli splintery, w/tr. pale green & brn stks.

950 — Ss, f to mfg, ang to sub ang, brn carb argill matrix

Sh, gy, carb, spks, Sh, blk-bn blk, v carb, brittle; sli calc w/calcite veinlets, Ls: dk gy, vf, argil

1000 — Ls: dk gy-blk, ..., vf to vc, ... [illegible] ..., sub fis, ..., sli calc, w/carb spks & dis py.

1050 — LS. A.A. but w/matrix, pore, spar, crin, broch, ost, rare blu gy ... shell frag. Sh: med gy, soft, fis, non-calc, com carb spks, scat dis py.

Sh: A.A. [illegible]

1100 — Ss: lt med gy, ..., vf-slt, sub ang, fr sort, well cem, sli argil, cem, carb spks.

Ss: lt gy-wht, vf-f, sub ang, fr sort, well cem, sli calc. LS med bn, vf-c, fos frag, crin, ost, broch, pel. Sh: med gy, soft, fis, carb, spks, dis py.

Sh: A.A. in pt mot. rd org-yel.

1150 — Sh: red org-yel, soft, sub blky, in pt silty.

1200 — Ss: lt gy-lt bn, vf, subang, fr sort, sli calc, sl dis py, bn in pt, oil stn-poss argill, yel fl, brite yel strm-cut fl.

Ss: A.A. bec. lt gy-wht, sli por, v sli calc, w/sho A.A.

Sh: med gy mot red org-yel, soft, sub fis, non-calc, com carb spks, scat dis py.

TOTAL DEPTH: 1254'