10-57

STATE
Kansas
COUNTY
Medde
BLOCK
SEC.
20
T. 31
R. 29W

COMPANY Northern Natural
FARM Flagel "A" WELL NO. 1
SURVEY
TOTAL DEPTH 5755
CNW-SE
COMMENCED
COMPLETED
REMARKS ckd/sdg

ALTITUDE 2745
PRODUCTION

CASING RECORD

DST 5492-5511/75", G/50", 420' SI M, 3/4" CO, BHP 1200#
DST 5522-5600/90, 30' M, BHP 700#

SHOT QUARTS BETWEEN

FORM 186 - In stock and for sale by Ross-Martin Co., Tulsa

100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 3800 3900 4000 4100 4200 4300 4400 4500 4600 4700 4800 4900 5000 5100 5200 5300 5400 5500 5600 5700 5800 3800 3900

Herrington 2658'

Winfield 2776'

U/Ft. Riley 2833'

Samples Start @ 3800

HB 4340

LS 4467

Pre Cherokee SA 5498

ML 5491

Total Depth 5755'