3-57

STATE Kansas

COUNTY Pawnee FARM Williams WELL NO. 1

BLOCK SURVEY

SEC. 6 T. 23 R. 18W TOTAL DEPTH 4570

SW-SW-NE

COMMENCED

COMPLETED

REMARKS Electrolog

ALTITUDE 2174

PRODUCTION D.A.

CASING RECORD

8 5/8" 20# @ 258' w/ 175 sx DST #1 3179-3220' IF 60" ISI 1140# DST #2 3434-3470' 30-60-30-90 BHP 1340#

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 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000

Anhydrite 1270'

Saw pits start @ 2500'

Vatoil Depth 4520' Ktk S2

Ktk S3 3792'

Miss 4434

Gilmore City 4478

Ktk Shale 4494

PBC 4356