

GEOLOGICAL DATA

NCRA #1 Lemon NW NW SE Sec. 16-27S-15W, Pratt County, Kansas

Elevation: 2068' K.B.

Top Heebner 3841 (-1773)  
Top Kansas City 4020 (-1953)

DST #1 4173-82 Open 1 hour  
Recovered 32' mud with few specks oil  
IFP 22#; FFP 22#; BHP 1394# - 20 minutes.

DST #2 4240-63 Open 1 hour  
Recovered 200' water  
IFP 30#; FFP 148#; BHP 1480# - 20 minutes.

Top Conglomerate 4470 (-2402)  
Conglomerate Sd. 4478 (-2410)  
Sand 4478-84 stained - tight  
4488-92 fair to good stain - tight

Microlaterlog indicates poor porosity as shown on DST #3. Sand 19' lower than Robbins #1 one-half mile southeast - producing gas.

DST #3 4460-90 Open 1 hour  
Recovered 22' mud with specks of oil  
IFP 30#; FFP 18#; Final Bottom Hole Pressure 18# - 30 minutes.

Top Mississippi 4499 (-2431)

DST #4 4504-20 Open 1 hour  
Recovered 20' mud  
IBHP 495#; FBHP 58# PP 8# 20 minutes

Top Kinderhook Sand 4544 (-2476)

DST #5 4528-61 Open 1 hour  
Recovered 20' mud  
IBHP 298#; FBHP 40#; FFP 40# - 20 minutes

Top Viola 4592 (-2524)  
Top Simpson 4693 (-2635)  
Sand 4715-18  
4726-30  
4742-50

DST #6 4680-4763 Open 1 hour  
10' drilling mud  
IFP 84#; BHP 84# - 20 minutes

Top Arbuckle 4784 (-2716)

RTD 4832