



PROGRAM: 1982 "A"
 WELL NAME: SCOTT PROSPECT-Spring Valley Ranch "C" #1
 LOCATION: SW SE SW Section 21-11S-22W
 COUNTY: Trego County, Kansas
 GEOLOGIST: Greg Cheney
 ELEVATION: 2333 GR 2338 KB

4-16-82 Moving in.

4-17-82 Rigged up & spudded @ 1:30 pm, drilled 290' of 12 1/4" hole, ran 7 joints new 8-5/8" 20# surface casing, set @ 290' cemented with 220 sacks common 2% gel, 3% CC, cement did circulate, plug down @ 3:45 pm (4-17-82)

4-18-82 Drilled plug @ 3:45 am, now drilling @ 520'.

4-19-82 Making bit trip @ 2400'.

4-20-82 Drlg. @ 3064'.

4-21-82 Drill Stem Test #1 3554-88', (TRNT)
 30-45-60-45, strong blow, recovered 515' gas in pipe, 165' clean gassy oil, 80' muddy oil, initial flow pressures 45-55#, initial shut in pressure: 575#, final flow pressures 88-110#, final shut in pressure 420#.

Drill Stem Test #2 3587-3605', (LSKC)
 30-45-90-45, recovered 330' gas in pipe, 100' clean oil, 20' oily mud, 24% oil, gravity 42°, initial flow pressures 44-44#, initial shut in pressure 486#, final flow pressures 55-66#, final shut in pressure 99#.

4-22-82 Drill Stem Test #3 3617-3644', (LSKC)
 30-45-60-45, recovered 1850' gas in pipe, 630' clean gassy oil, 120' gassy oil cut mud, gravity 47, initial flow pressures 110-154#, initial shut in pressure 309#, final flow pressures 221-254#, final shut in pressure 309#.

Drill Stem Test #4 3643-3658', (LSKC)
 30-45-90-45, weak blow throughout test, recovered 120' muddy water with oil on top of tool, initial flow pressures 44-55#, initial shut in pressure 764#, final flow pressures 77-88#, final shut in pressure 531#.

4-23-82 Drill Stem Test #5 3669-3685', (LSKC)
 30-45-60-45, recovered 180' gas in pipe, 10' clean oil, 60' oil cut mud, 60' muddy oily water, initial flow pressures 66-77#, initial shut in pressure 376#, final flow pressures 88-110#, final shut in pressure 210#.

Sample Tops:

Anhydrite	1794(+ 544)
B/Anhydrite	1832(+ 506)
Heebner	3558(-1220)
Toronto	3580(-1242)
Lansing	3595(-1257)
B/KC	3825(-1487)
Marmaton	3917(-1579)
Arbuckle	4006(-1668)
RTD	4020(-1682)

Electric Log Tops:

Anhydrite	1795(+ 543)
B/Anhydrite	1832(+ 506)
Topeka	3348(-1010)
Heebner	3558(-1220)
Toronto	3580(-1242)
Lansing	3596(-1258)
B/KC	3832(-1494)
Marmaton	3919(-1581)
Arbuckle	4004(-1666)
LTD	4021(-1683)

Bates
Cramm
Elliott
H & H
Stewart
Midco
Columbian



DRILLING REPORT

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4-24-82 Drill Stem Test #6 3,685'-3,730', (LSKc)
30-45-60-45, recovered 825', water show of oil on top,
Initial hydrostatic pressure of mud 1819, Final HP 1796,
Initial flow pressure 121-320#, initial shut-in pressure 553#,
Final flow pressures 243-398#, final shut-in pressures 542#.

Drill Stem Test #7, 3,785'-3,810', (LSKc) et al
30-45-45-45, recovered 35' mud with oil specks, initial flow
pressures 55-66#, initial shut-in pressures 309#, final flow
pressures 66-66#, final shut-in pressure 77#.

4-25-82 Drill Stem Test #8, 3,921'-3,940', (MRMN) p. 102
30-45-60-45, recovered 150' gas in pipe, 105' clean oil 39° gravity,
80' heavy oil-cut mud, initial flow pressures 44-55#, initial
shut-in pressure 853#, final flow pressures 66-88#, final shut-in
pressure 497#.

Drill Stem Test #9, 4,007'-4,020', (ADCK)
30-45-30-45, recovered 5' clean oil, 60' oil-cut mud, initial
flow pressures 33-44#, initial shut-in pressure 931#, final
flow pressures 55-55#, final shut-in pressure 431#.

4-26-82 TD 4,020',
Finished logging & going back to bottom, preparing to set
production casing. 102 joints 4½" 9½# casing, tally 4,045.38'
set at 4,019', cemented with 150 sacks of 60-40 posmix, 20 bbl
slat flush, plug down @ 7:40 p.m. on 26th.