XTO ENERGY

August 23, 2007

NMOCD Case #13970 & 13971

Application of XTO Energy, Inc. for simultaneous dedication and exception to the well density requirements of the special rules and regulations of the Blanco-Mesaverde Gas Pool San Juan County, New Mexico

Before the Oil Conservation Division
Case 13970-13971
Hearing August 23, 2007
XTO Energy, Inc.
Exhibit No. 1

August 23, 2007

XTO Energy Witnesses

- Mary Flynn, *Reservoir Engineer*
- John Klutsch, *Division Geologist*
- Chris Spencer, *Landman*

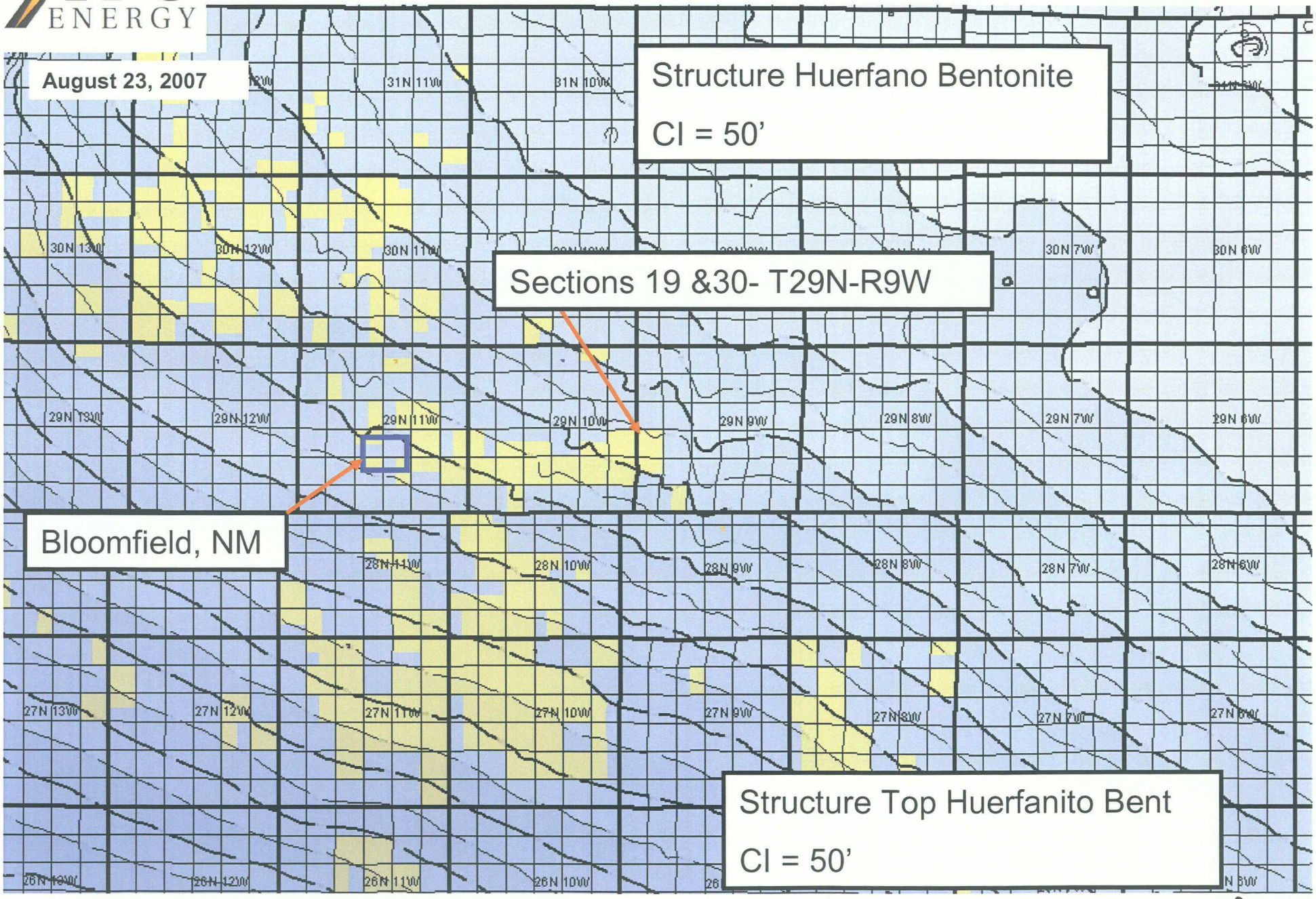
Request 5 wells in the Snyder and Gerk spacing units

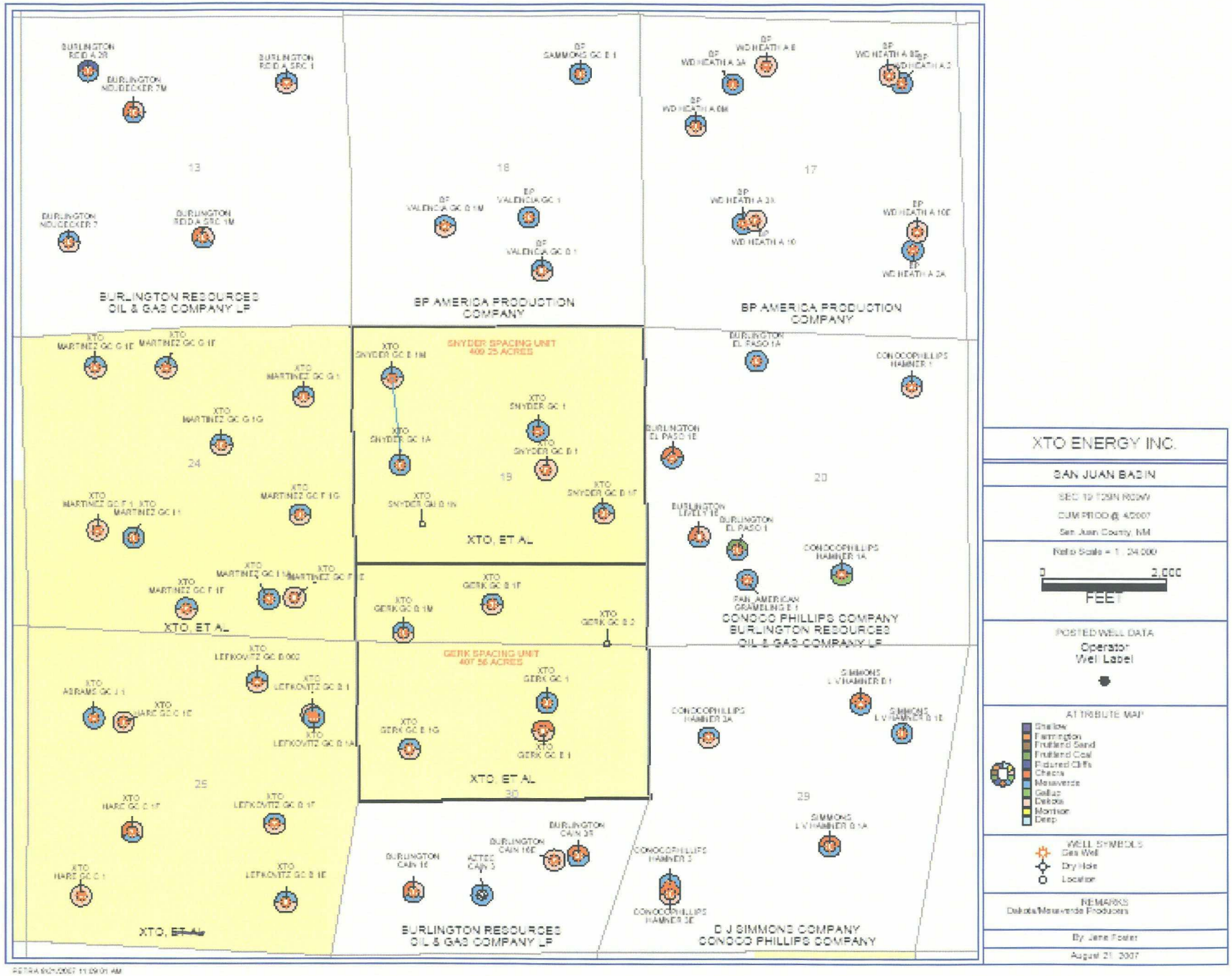
4 wells allowed per 320 acre spacing unit equals 80 acres per well in Blanco Mesaverde Gas Pool

- Snyder Unit is 409.25 acres
- Gerk Unit is 407.56 acres

Therefore, to achieve 80 acre spacing per well, we need a 5th well in these 400 acre spacing units.

San Juan Basin, NM




BURLINGTON RESOURCES OIL & GAS COMPANY LP
BP AMERICA PRODUCTION COMPANY
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XTO, ET AL
SNYDER SPACING UNIT 409.25 ACRES
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CONOCO PHILLIPS COMPANY
BURLINGTON RESOURCES OIL & GAS COMPANY LP
GERK SPACING UNIT 407.56 ACRES
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XTO, ~~ET AL~~
BURLINGTON RESOURCES OIL & GAS COMPANY LP
D J SIMMONS COMPANY
CONOCO PHILLIPS COMPANY
XTO ENERGY INC.
SAN JUAN BASIN
SEC 19 T29N R09W
CUM PROD @ 4/2007
San Juan County, NM
Ratio Scale = 1 : 24,000
0
2,000
FEET
POSTED WELL DATA
Operator
Well Label
ATTRIBUTE MAP
Shallow
Farmington
Fruitland Sand
Fruitland Coal
Pictured Cliffs
Chacra
Mesaverde
Gallup
Dakota
Morrison
Deep
WELL SYMBOLS
Gas Well
Dry Hole
Location
REMARKS
Dakota/Mesaverde Producers
By: Jane Foster
August 21, 2007

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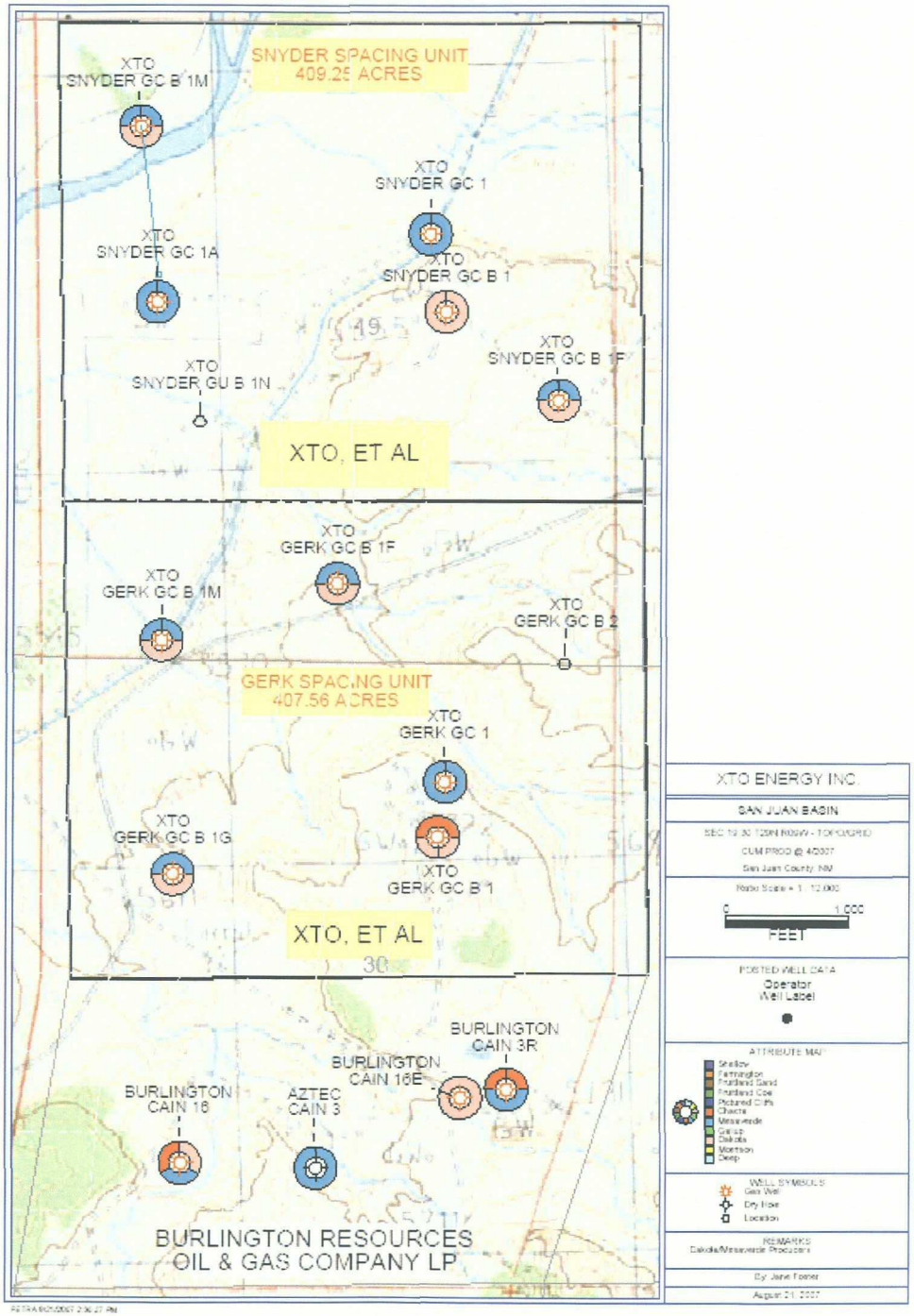
SNYDER SPACING UNIT
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GERK GC B 2
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BURLINGTON
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BURLINGTON
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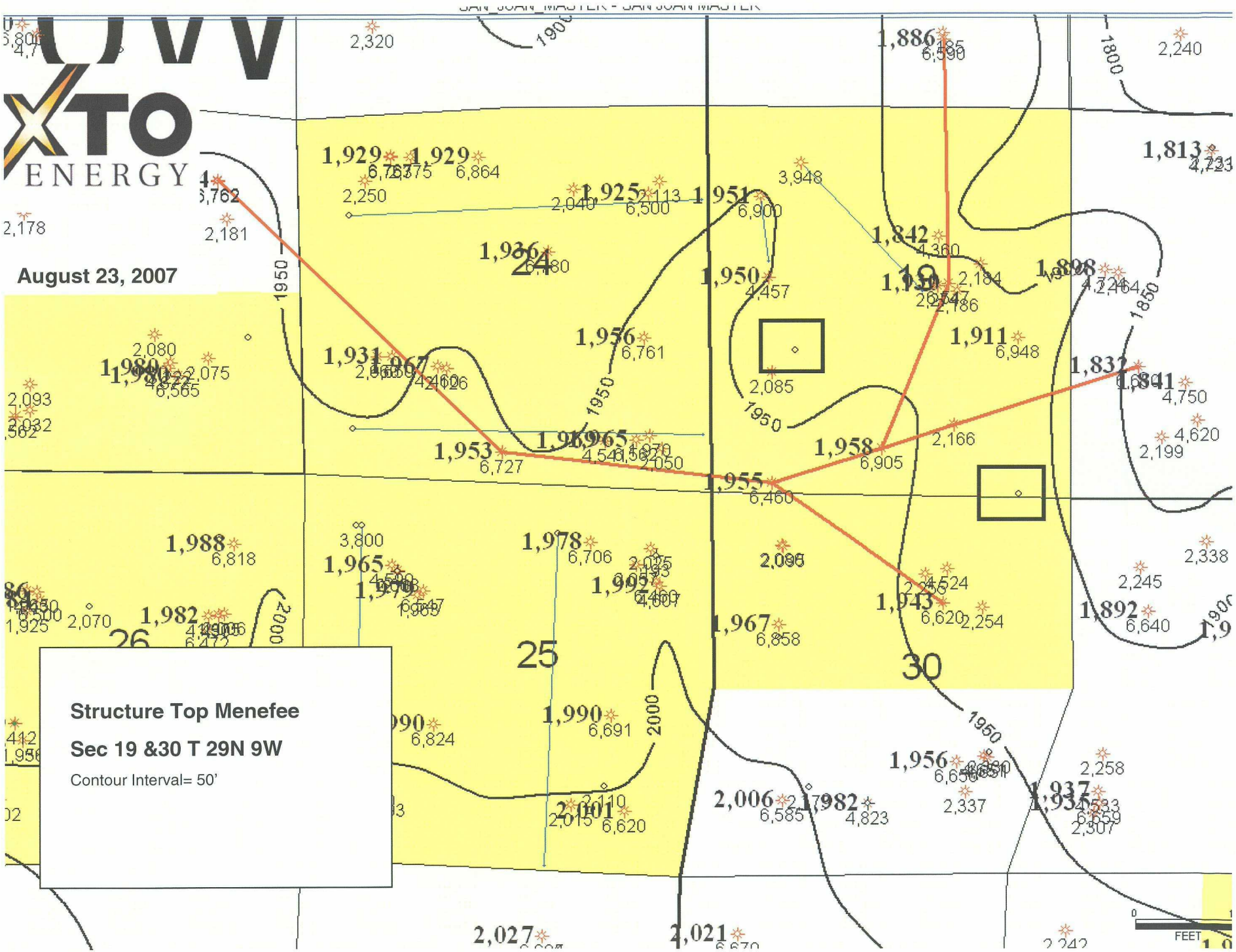
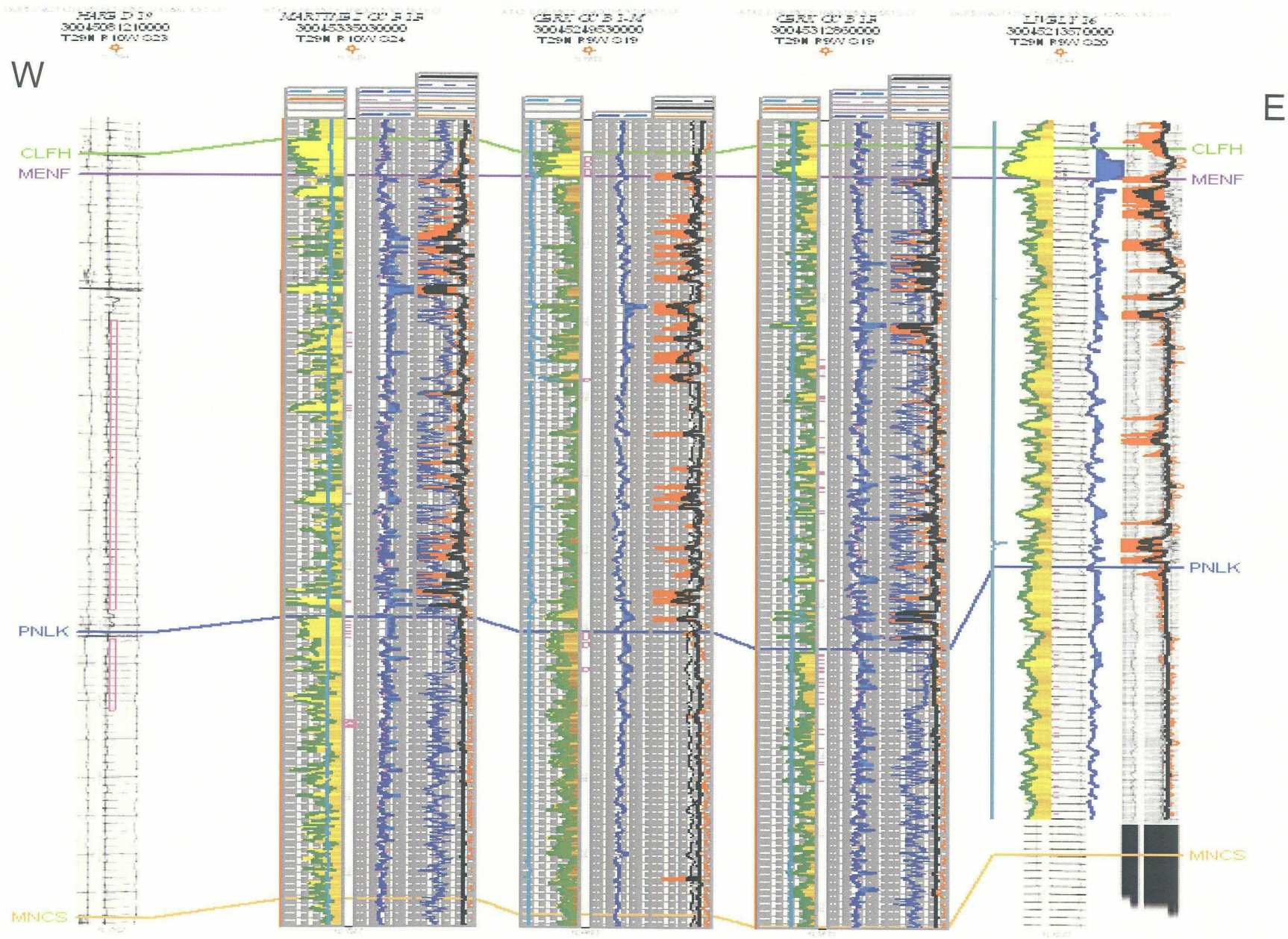
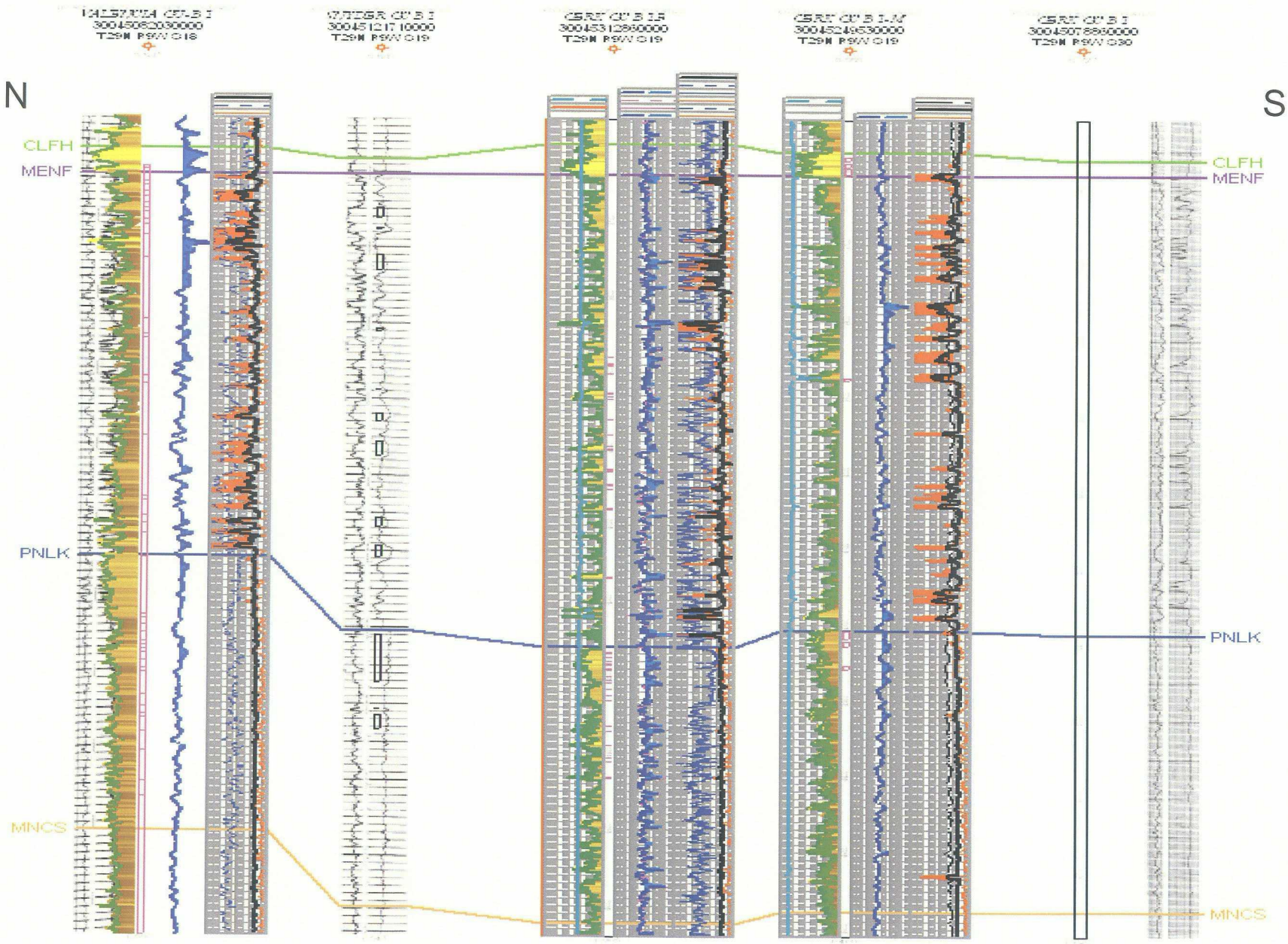

XTO ENERGY
August 23, 2007
Structure Top Menefee
Sec 19 &30 T 29N 9W
Contour Interval= 50'
24
19
25
30
26
1950
2000
1900
1800
1850
FEET

W to E Mesaverde Xsec



N to S Mesaverde Xsec



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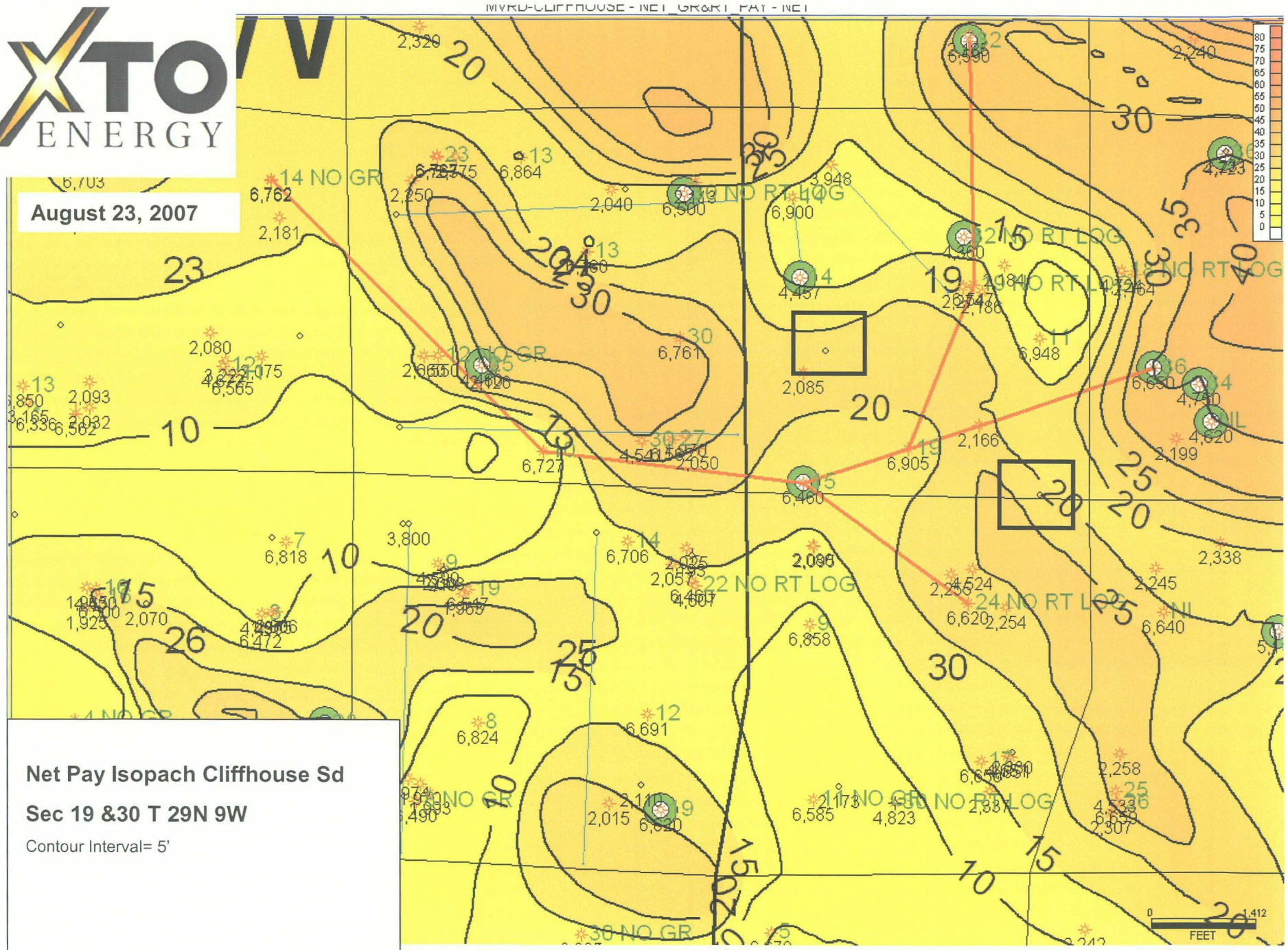
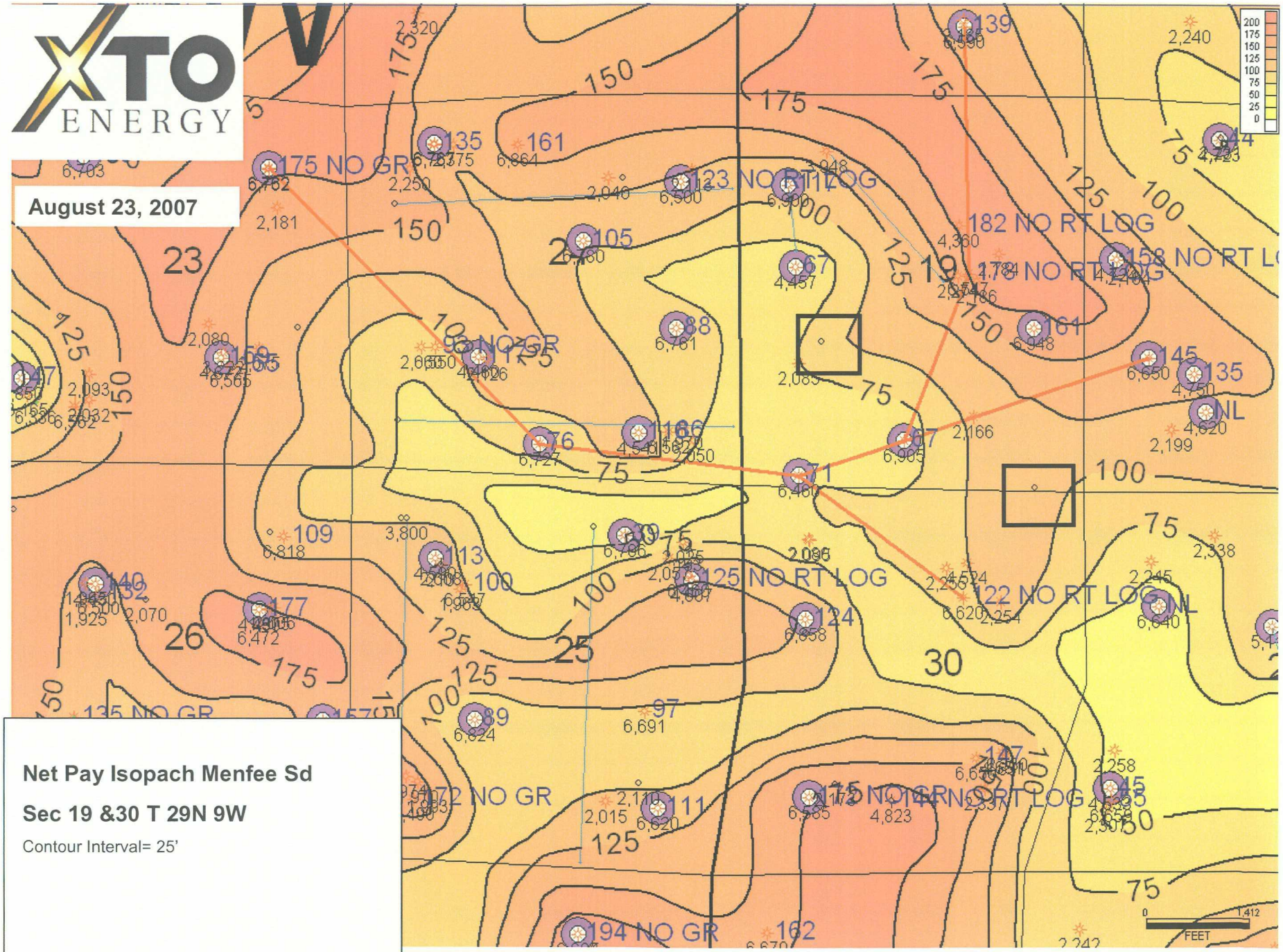


Net Pay Isopach Cliffhouse Sd

Sec 19 &30 T 29N 9W

Contour Interval= 5'


XTO ENERGY
August 23, 2007
Net Pay Isopach Menfee Sd
Sec 19 &30 T 29N 9W
Contour Interval= 25'
175 NO GR
123 NO RT LOG
182 NO RT LOG
158 NO RT LOG
125 NO RT LOG
122 NO RT LOG
135 NO GR
194 NO GR
FEET

XTO ENERGY

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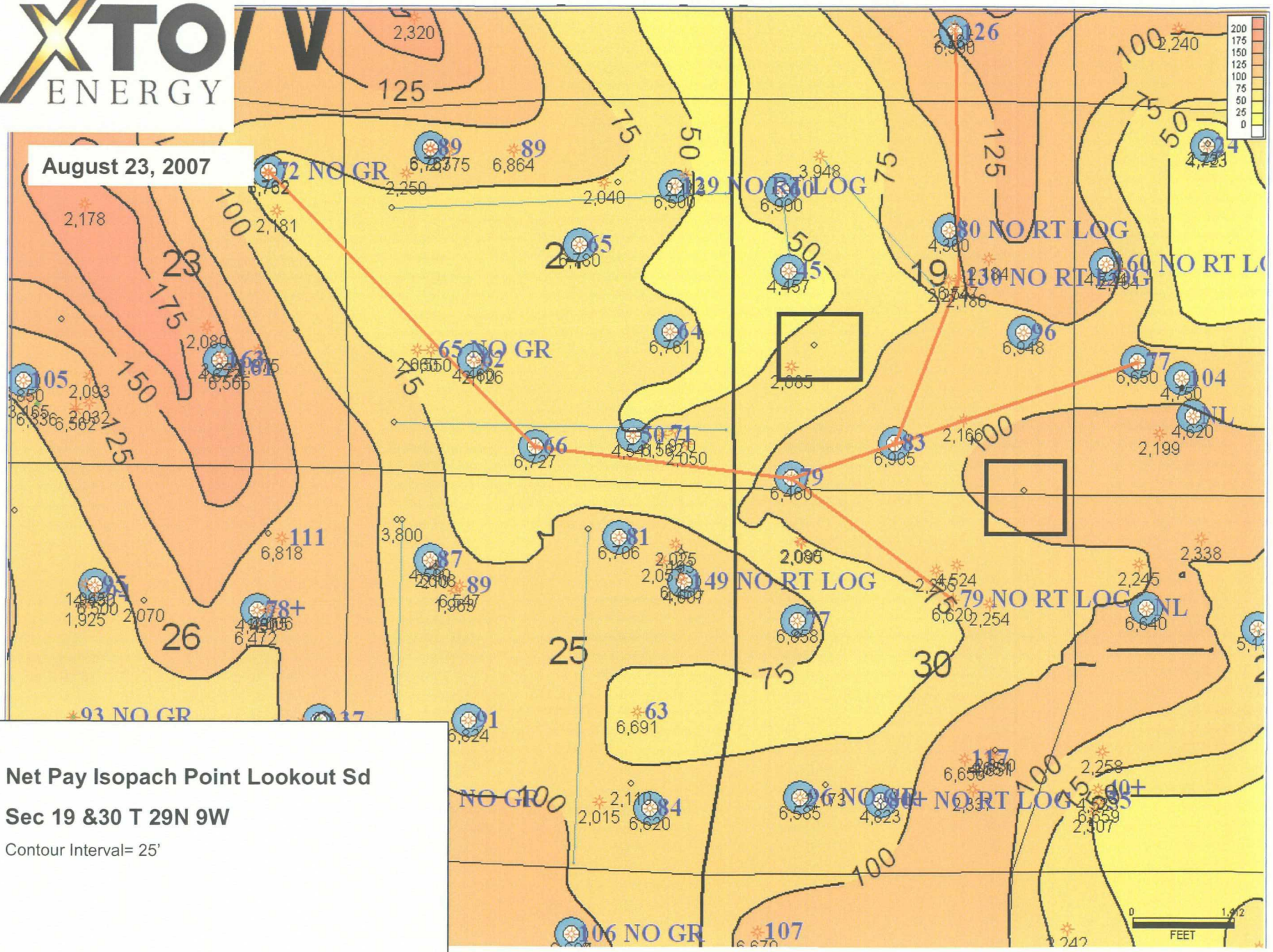
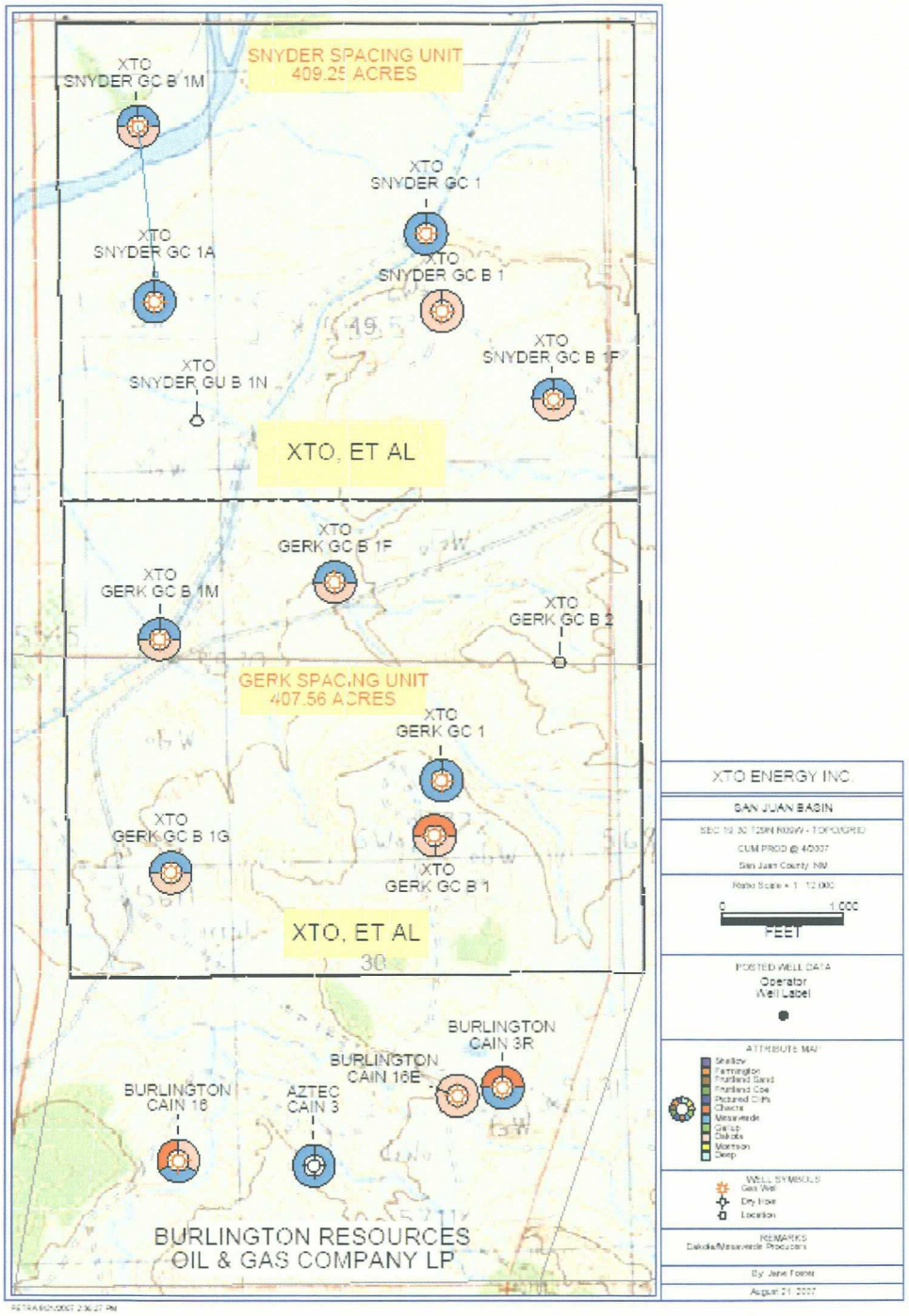


Net Pay Isopach Point Lookout Sd

Sec 19 &30 T 29N 9W

Contour Interval= 25'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Snyder 409.25 Acre Spacing Unit
Gerk 407.56 Acre Spacing Unit

- Mesaverde
  - Gas Saturation 40%
  - Porosity 9%
  - Net pay 117 ft.
  - Average drainage area of existing wells is 57 acres
  - Average EUR of 1046 MMCF with post 2000 wells averaging 460 MMCF

Economics: Gerk B2

With an EUR of 460 MMCF, the Rate of Return is 43% with a payout of 2.0 years.