



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



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# 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

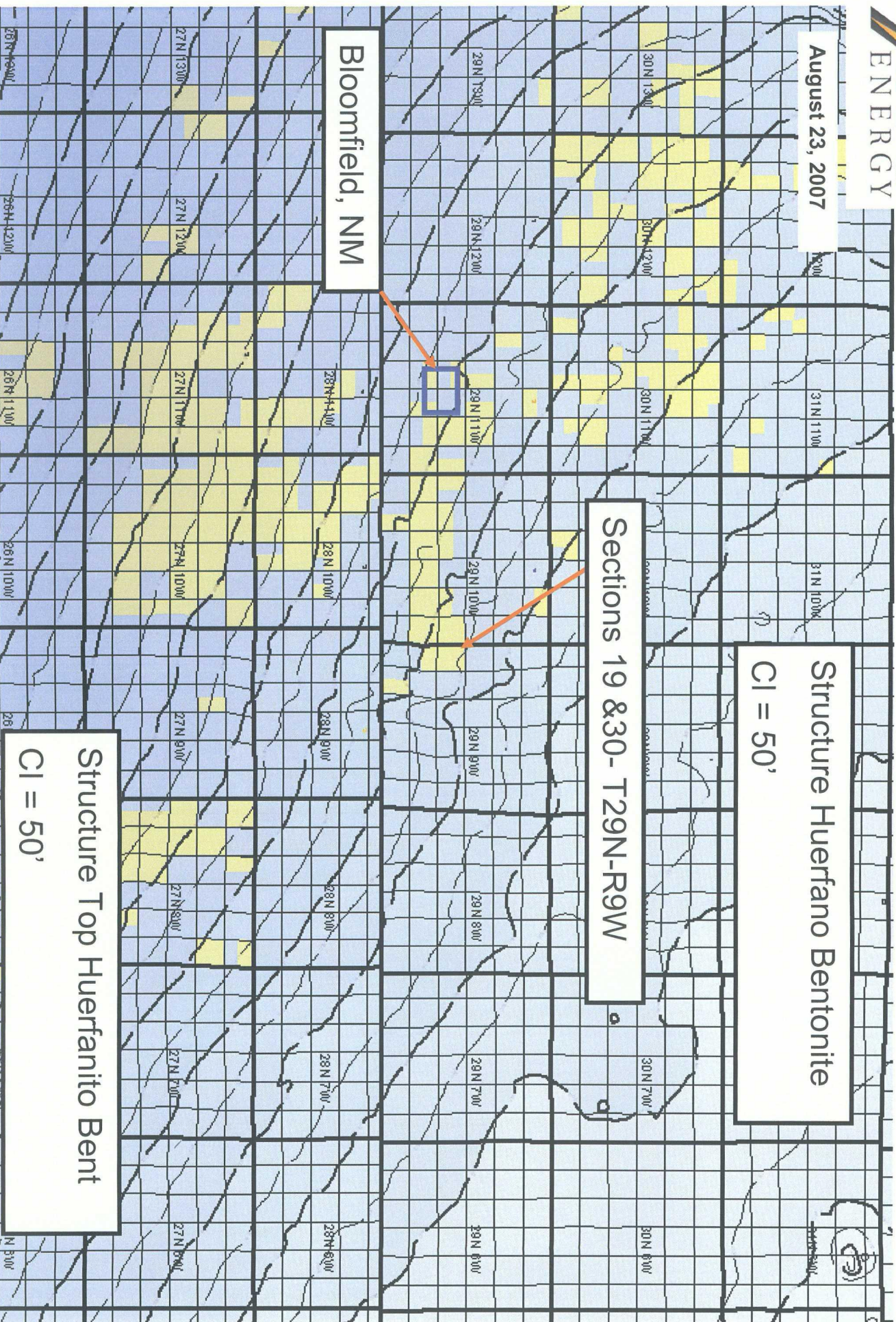
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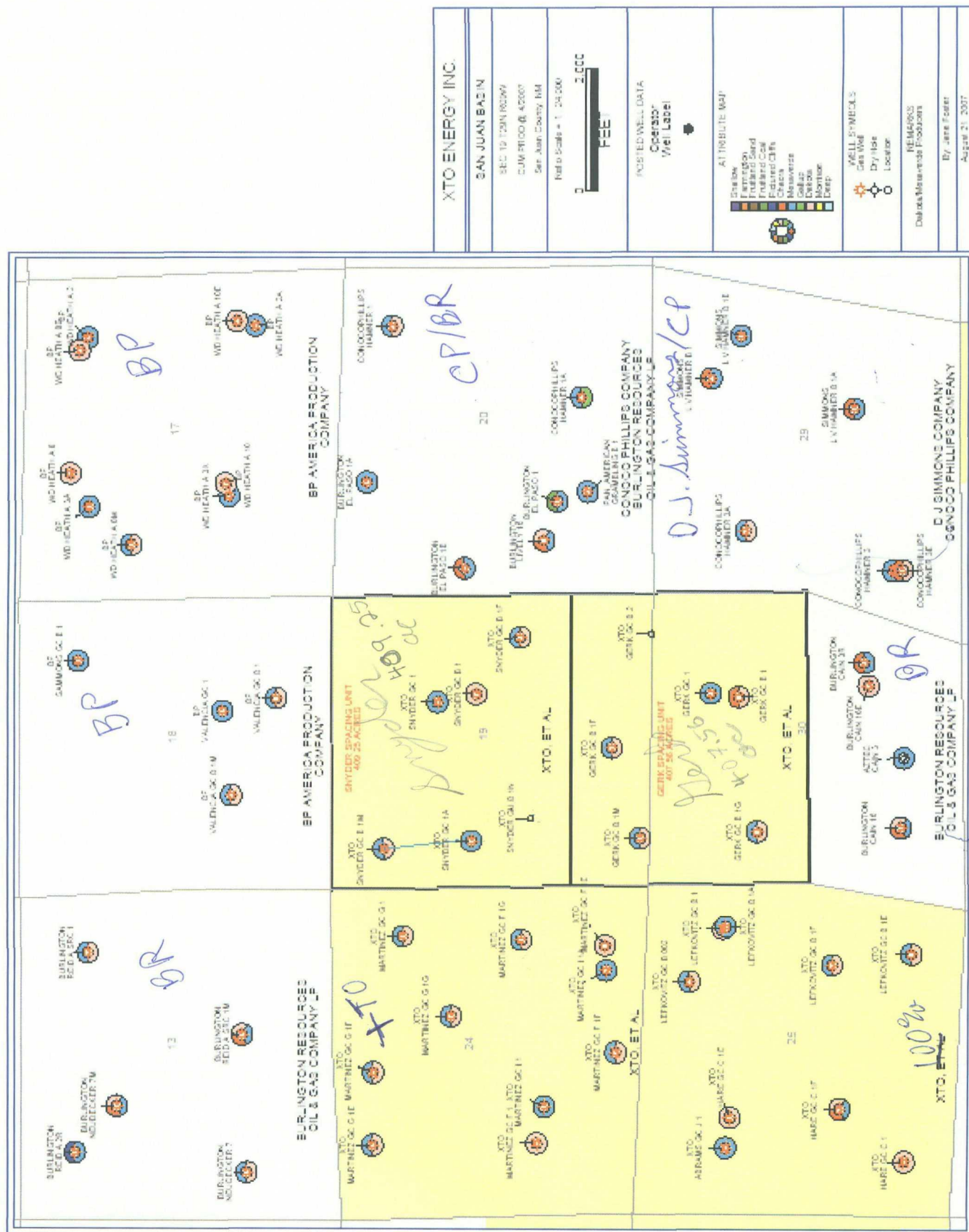
Structure Huerfano Bentonite  
CI = 50'

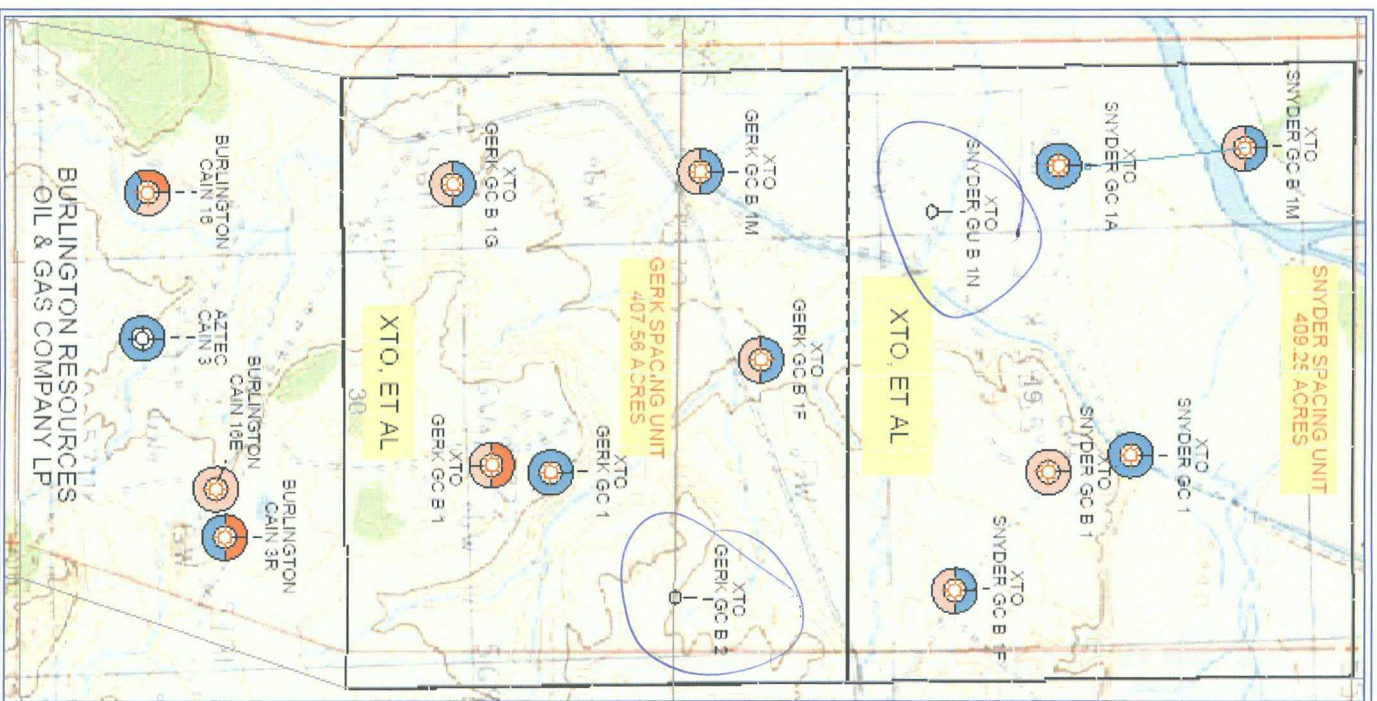
Sections 19 & 30- T29N-R9W

Bloomfield, NM

Structure Top Huerfanito Bent  
CI = 50'



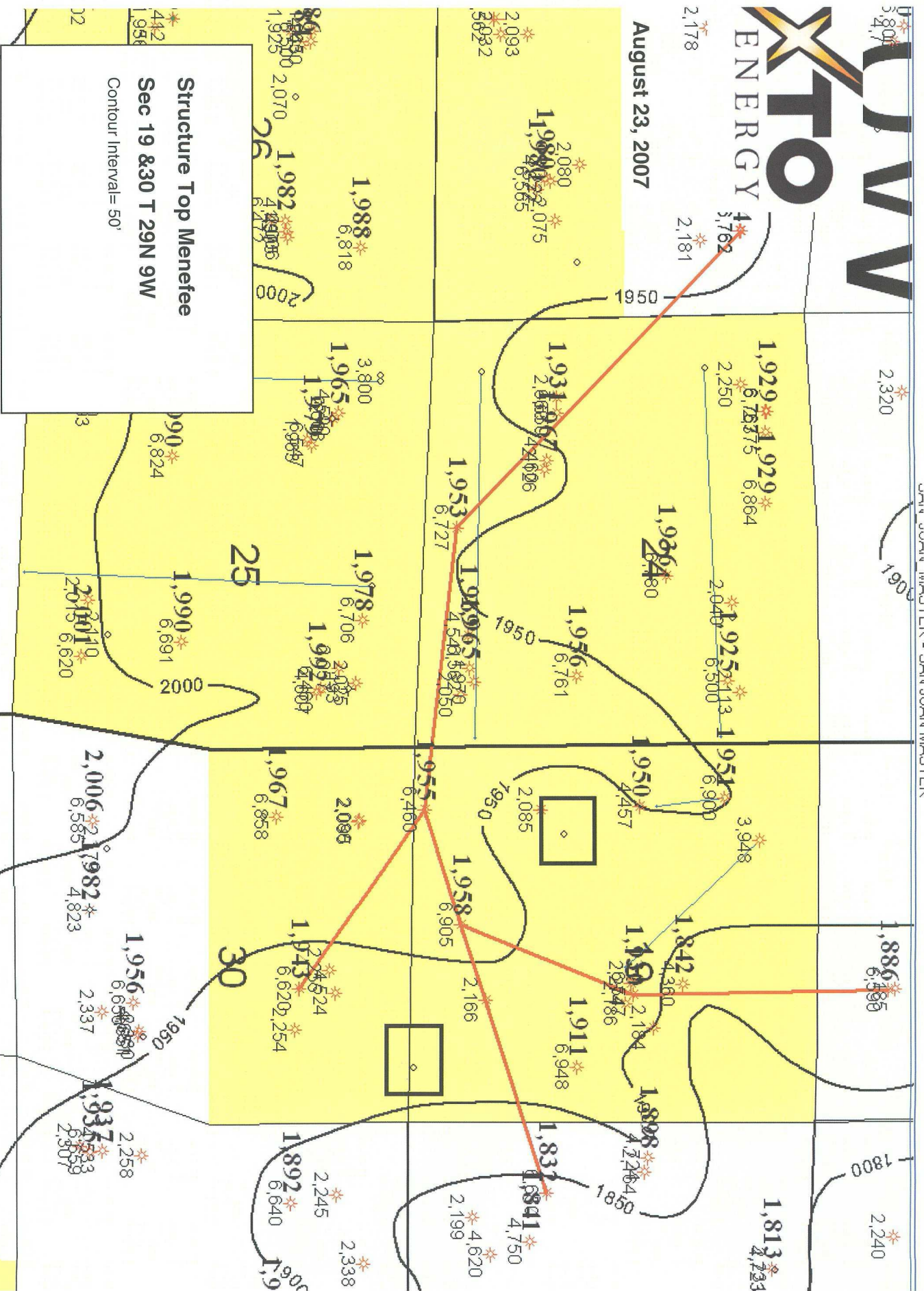


[illegible]

UUV

ENERGY

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# W to E Mesaverde Xsec

W

DATE D 10  
3004521210000  
TSM P 10V 025

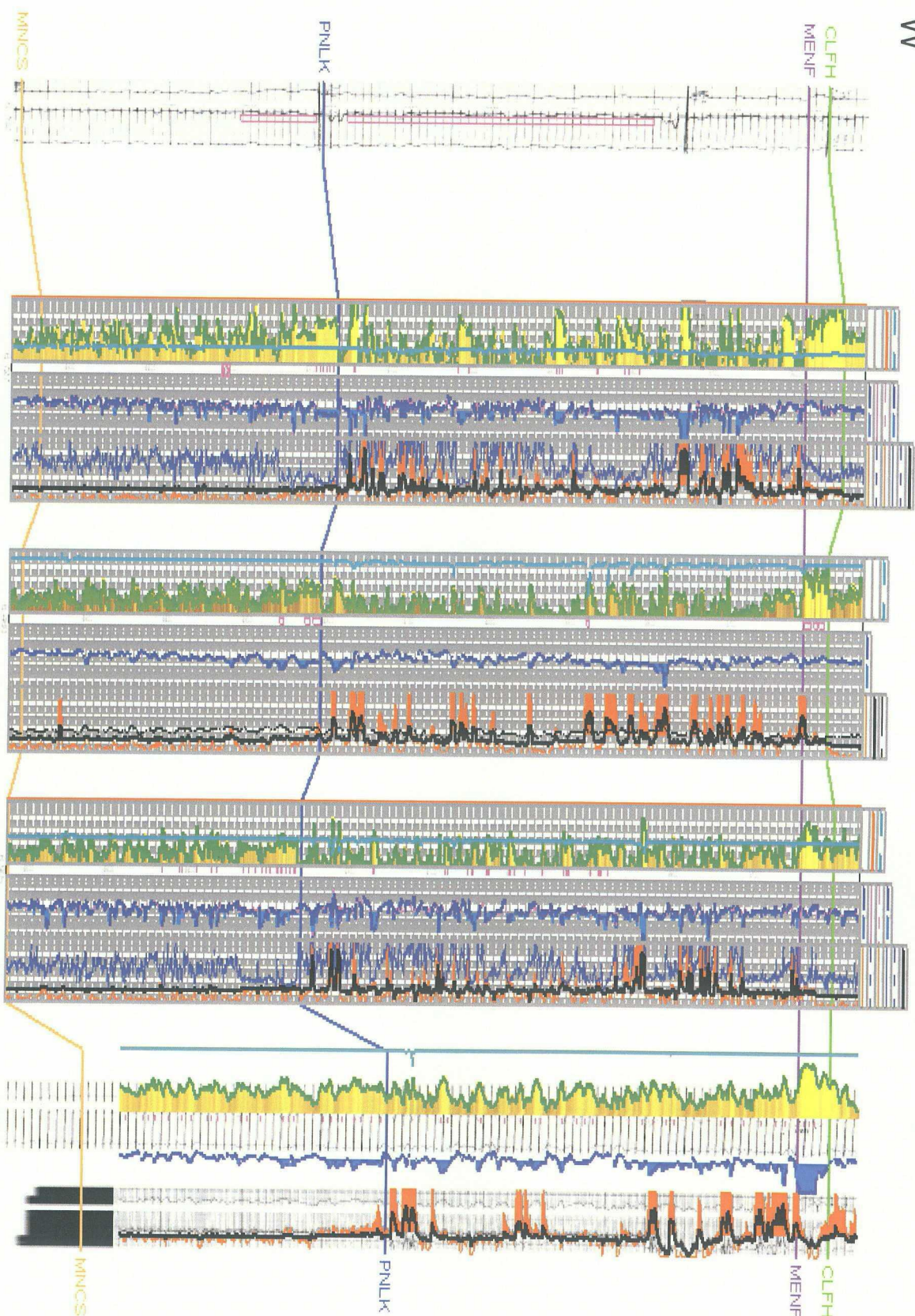
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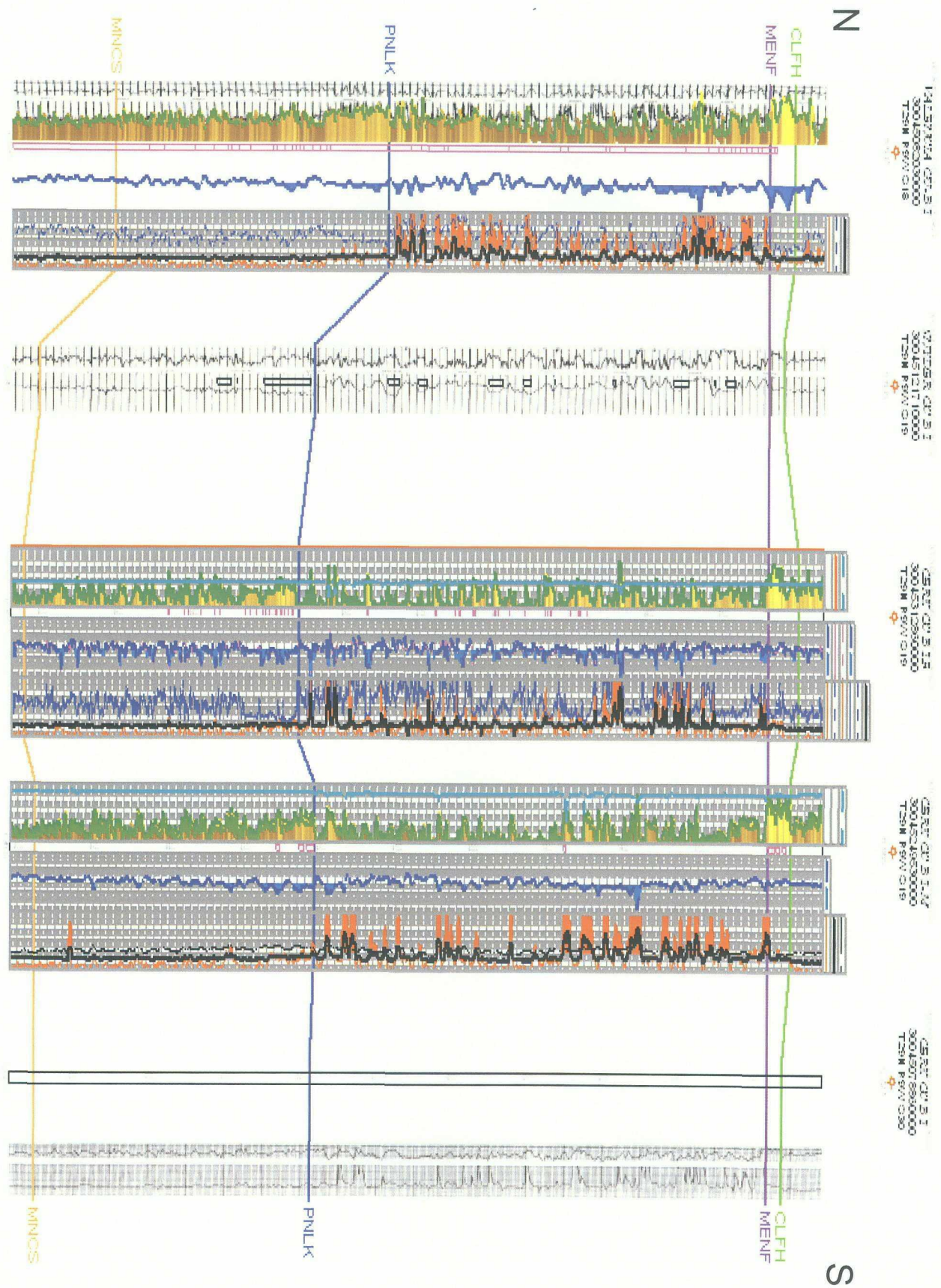
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DATE D 10  
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TSM P 10V 020

E



# N to S Mesaverde Xsec

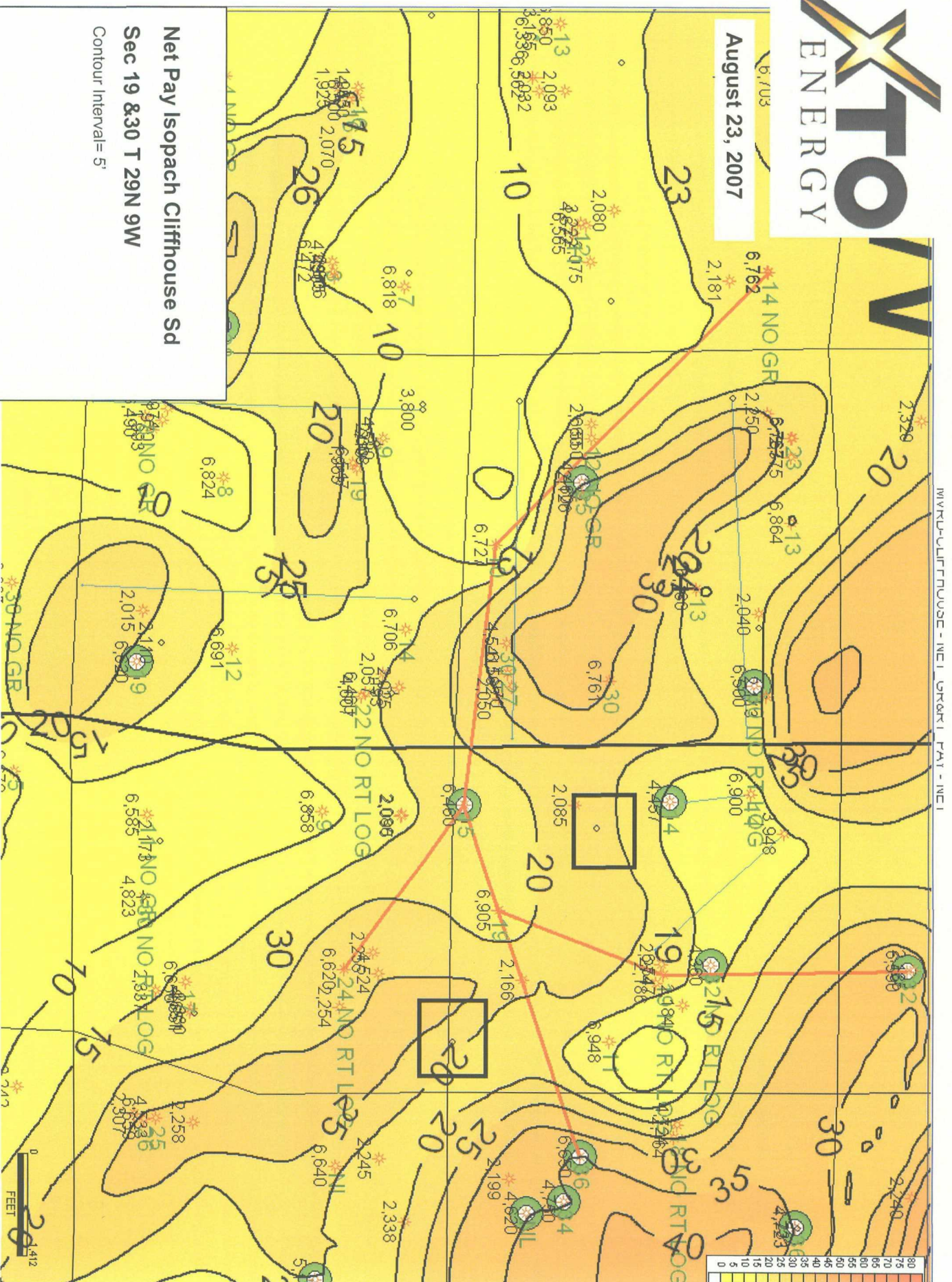


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Net Pay Isopach Cliffhouse Sd

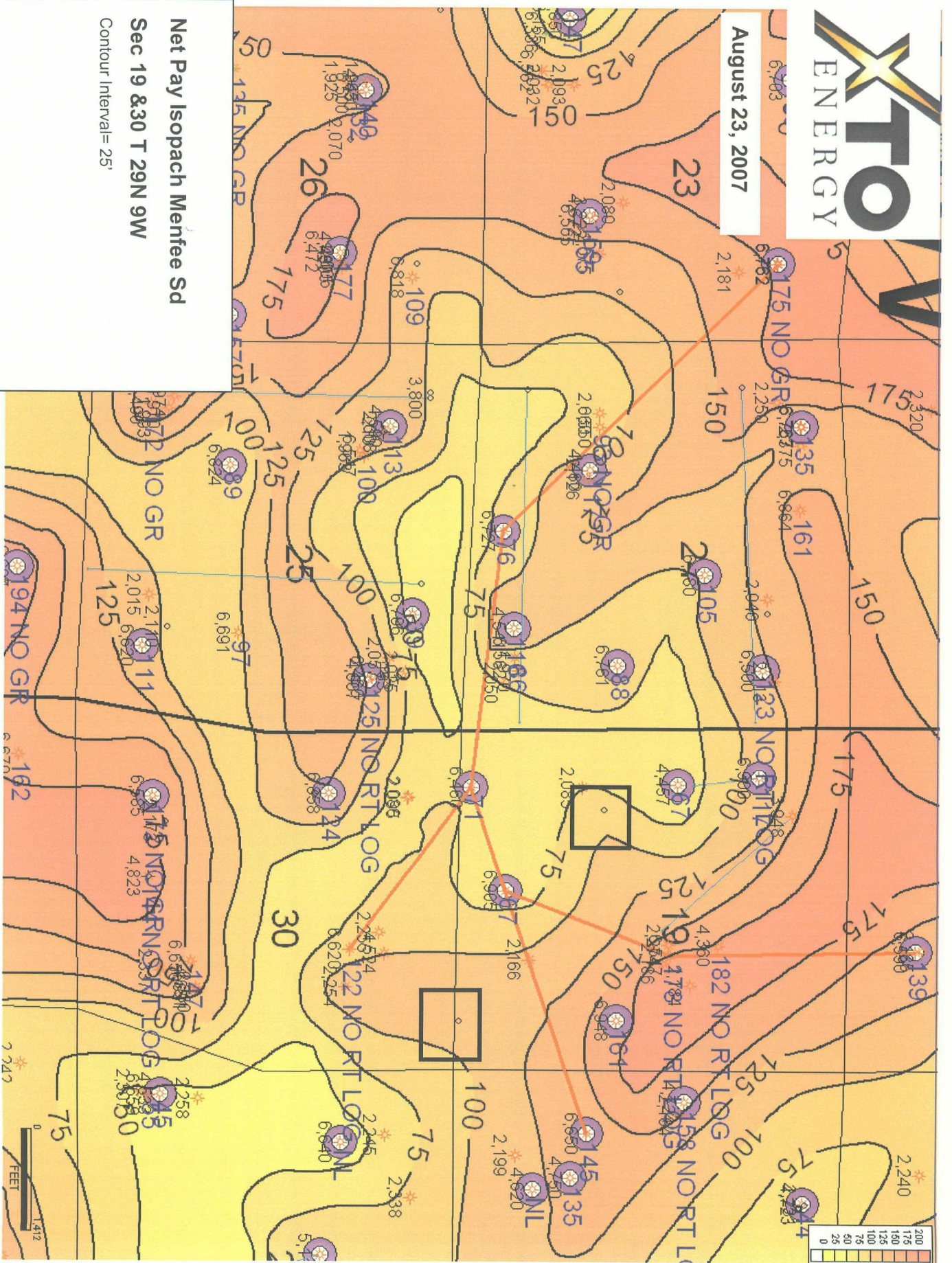
Sec 19 & 30 T 29N 9W

Contour Interval= 5'

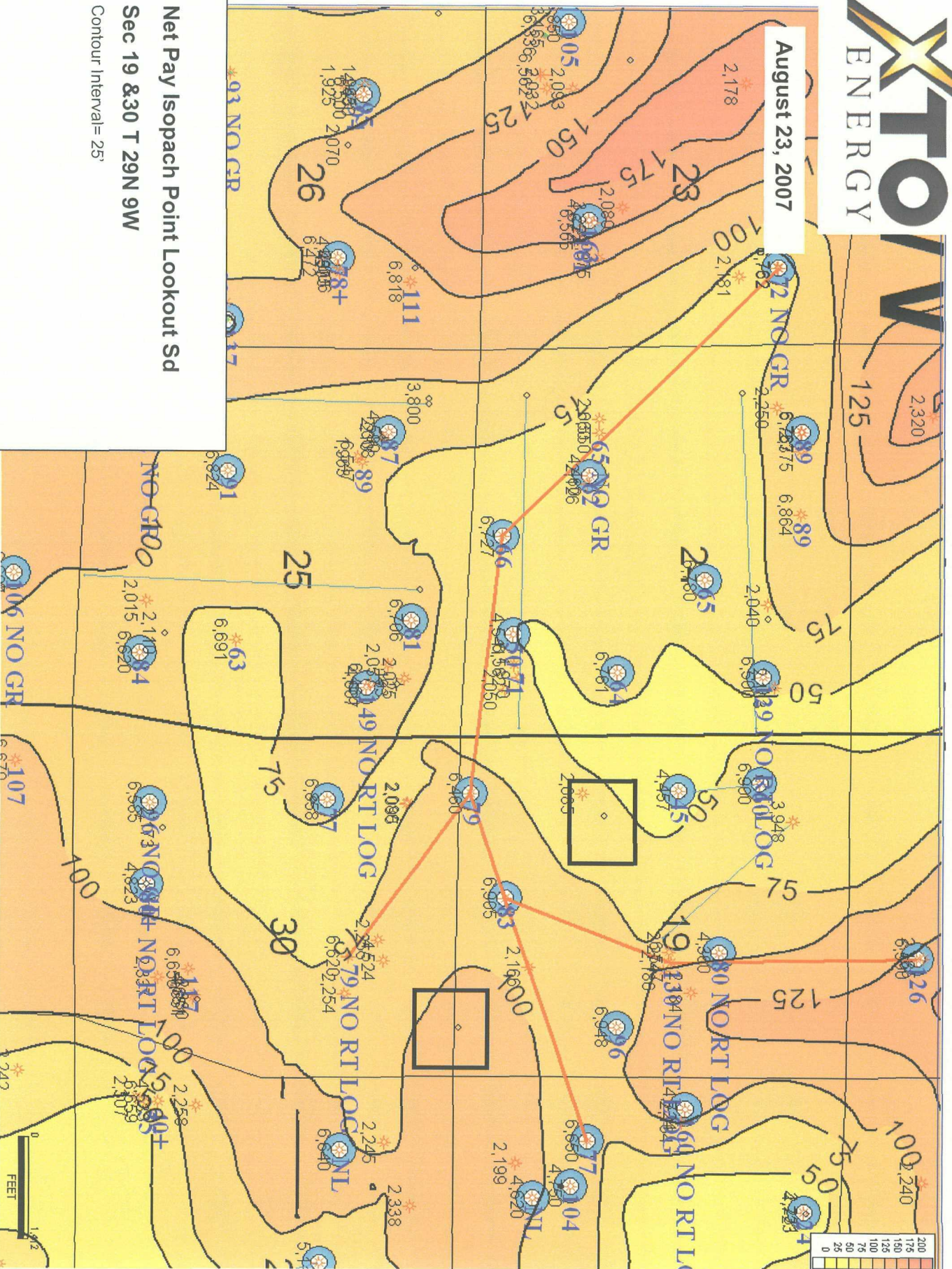


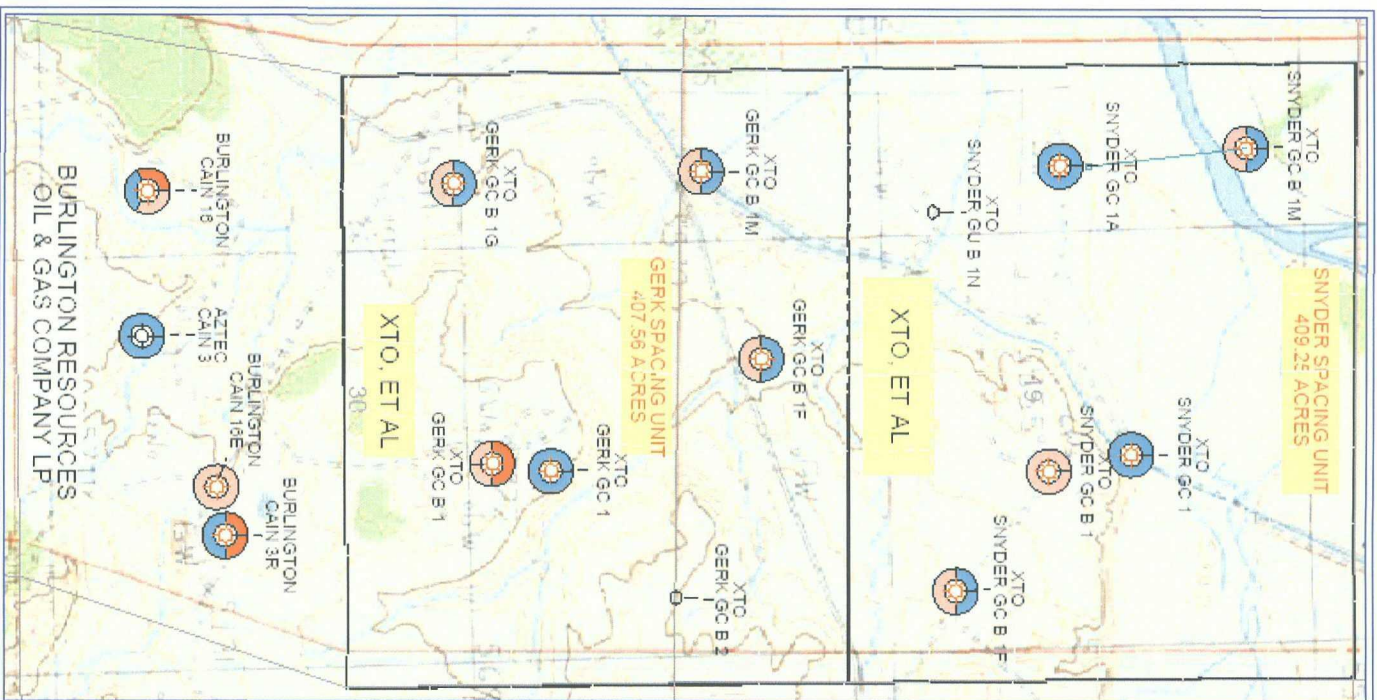
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**Net Pay Isopach Menfee Sd**  
**Sec 19 & 30 T 29N 9W**  
 Contour Interval= 25'



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# Snyder 409.25 Acre Spacing Unit Gerker 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.