

# BLANCO

Geological Services LLC

Scale 1:240 (5"=100') Imperial

Well Name: Pedri 42-33Tr  
Location: SE/NE Sec 33 T33S R67W  
Licence Number: 05-071-08640-00  
Spud Date: 12/17/05  
Surface Coordinates: 1933' FNL 662' FEL

Las Animas County  
Region: Purgatoire River  
Drilling Completed: 12/19/05

## Bottom Hole Coordinates:

Ground Elevation (ft): 7543'      K.B. Elevation (ft): 7548'  
Logged Interval (ft): 575'      To: 1690'      Total Depth (ft): 1690'  
Formation: Raton / Vermejo / Trinidad  
Type of Drilling Fluid: Air / Mist

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## OPERATOR

Company: Pioneer Natural Resources USA, Inc.  
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Denver CO 80202

## GEOLOGIST

Name: Kristopher Alworth / Nicholas Gonzales  
Company: BLANCO Geological Services LLC  
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Trinidad CO 81082  
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## Rig

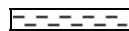


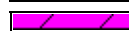
Pense Drilling Rig #22



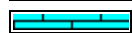

## Comments

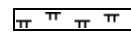
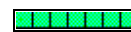
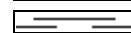
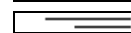
8 5/8" #24 Surface Casing set to 562.95'

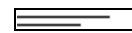



## ROCK TYPES

 Anhy  
 Bent  
 Brec  
 Cht

 Clyst  
 Coal  
 Congl  
 Dol

 Gyp  
 Igne  
 Lmst  
 Meta

 Mrlst  
 Salt  
 Shale  
 Shcol

 Shgy  
 Sltst  
 Ss  
 Till

## ACCESSORIES

### MINERAL

Anhy  
 Arggrn  
 Arg  
 Bent  
 Bit  
 Brecfrag  
 Calc  
 Carb  
 Chtdk  
 Chtlt  
 Dol  
 Feldspar  
 Ferrpel  
 Ferr  
 Glau

Gyp  
 Hvymin  
 Kaol  
 Marl  
 Minxl  
 Nodule  
 Phos  
 Pyr  
 Salt  
 Sandy  
 Silt  
 Sil  
 Sulphur  
 Tuff

### FOSSIL

Algae  
 Amph  
 Belm  
 Bioclst  
 Brach  
 Bryozoa  
 Cephal  
 Coral  
 Crin  
 Echin  
 Fish  
 Foram  
 Fossil  
 Gastro  
 Oolite

Ostra  
 Pelec  
 Pellet  
 Pisolite  
 Plant  
 Strom

### STRINGER

Anhy  
 Arg  
 Bent  
 Coal  
 Dol  
 Gyp  
 Ls  
 Mrst

Sltstrg  
 Ssstrg

### TEXTURE

Boundst  
 Chalky  
 Cryxln  
 Earthy  
 Finexln  
 Grainst  
 Lithogr  
 Microxln  
 Mudst  
 Packst  
 Wackest

## OTHER SYMBOLS

### POROSITY TYPE

Earthy  
 Fenest  
 Fracture  
 Inter  
 Moldic  
 Organic  
 Pinpoint

Vuggy

### SORTING

Well  
 Moderate  
 Poor

### ROUNDING

Rounded  
 Subrnd  
 Subang  
 Angular

### OIL SHOWS

Even

Spotted  
 Ques  
 Dead

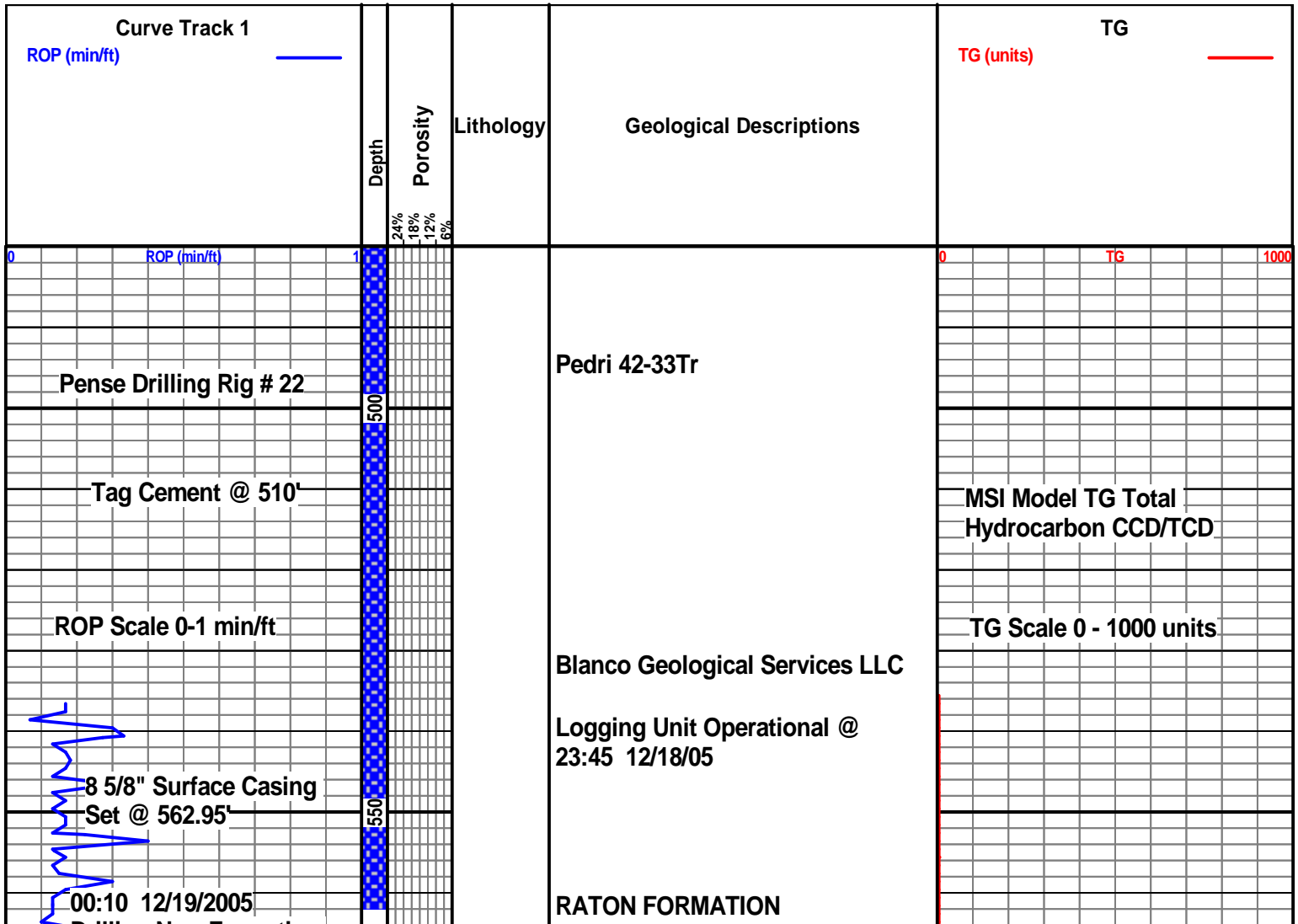
### INTERVALS

Core  
 Dst  
 Srfcsg

Cv-v  
 Cv-c

### EVENTS

Rft  
 Sidewall  
 Srfcsg



Drilling New Formation  
from 563' w/ Air Hammer

