

# BLANCO

Geological Services LLC

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

Well Name: JamaBean 42-14  
Location: SE/NE Sec 14 T33S R66W  
Licence Number: 05-071-08543-00  
Spud Date: 10/02/05  
Surface Coordinates: 1937' FNL 571' FEL

Las Animas County  
Region: Purgatoire River  
Drilling Completed: 10/05/05

## Bottom Hole Coordinates:

Ground Elevation (ft): 7290' K.B. Elevation (ft): 7294'  
Logged Interval (ft): 505' To: 1900' Total Depth (ft): 1900'  
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 / JoaQuin Gonzales  
Company: BLANCO Geological Services LLC  
Address: 806 Robinson  
Trinidad CO 81082  
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## Rig

PWS 33

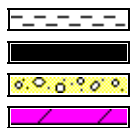
## Comments

8 5/8" #24 Surface Casing set to 482.6'

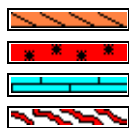
## ROCK TYPES



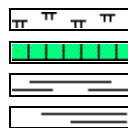
Anhy  
Bent  
Brec  
Cht



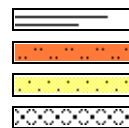
Clyst  
Coal  
Congl  
Dol



Gyp  
Igne  
Lmst  
Meta



Mrlst  
Salt  
Shale  
Shcol



Shgy  
Sltst  
Ss  
Till

## ACCESSORIES

### MINERAL

Anhy  
 Arggrn  
 Arg  
 Bent  
 Bit  
 Breclfrag  
 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

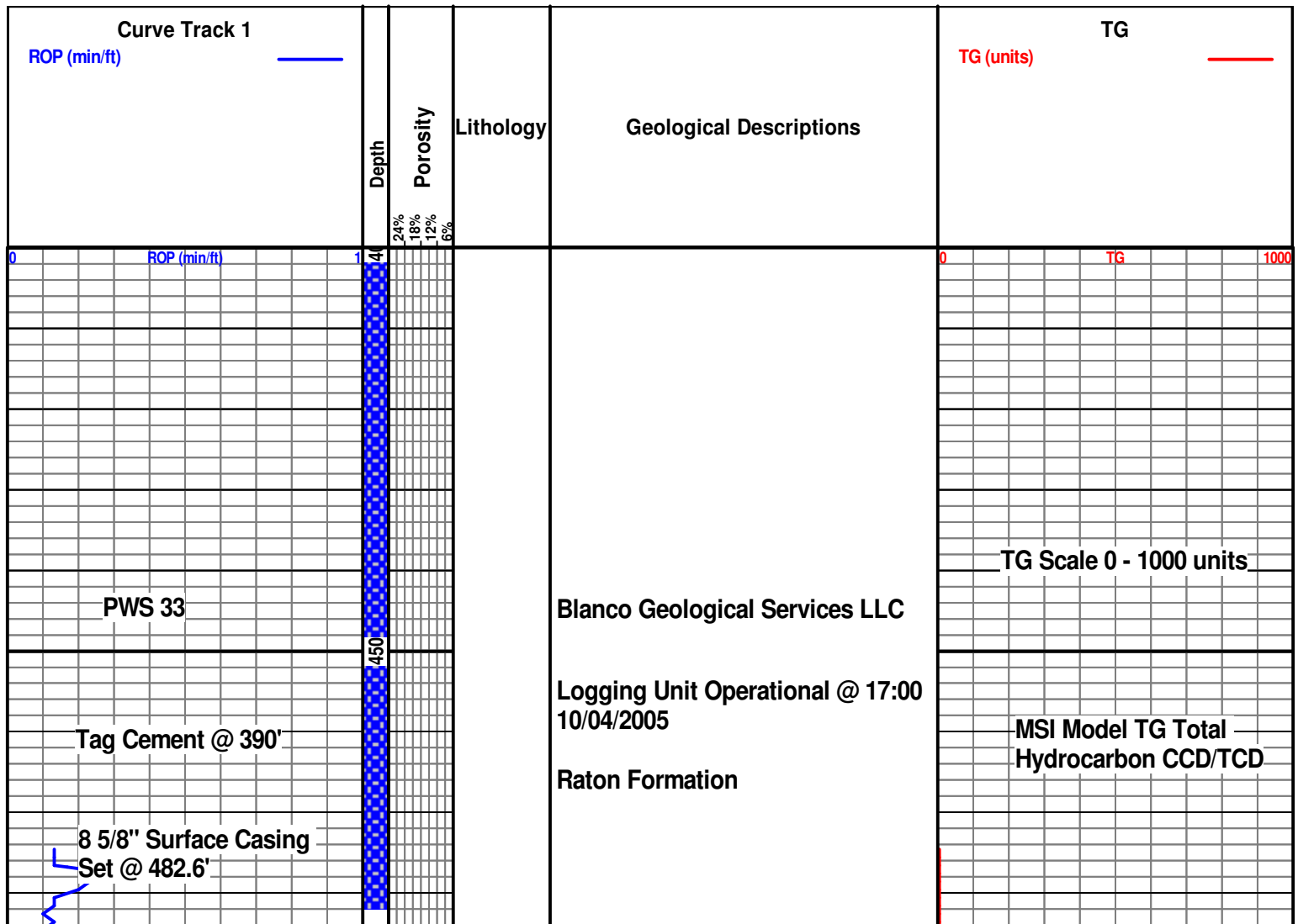
### INTERVALS

Core  
 Dst  
 Srfcsg

Cv-v  
 Cv-c

### EVENTS

Rft  
 Sidewall  
 Srfcsg



18:55 10/04/2005  
Drilling New Formation  
from 490' w/ Air Hammer

19:00 @ 505'

ROP (min/ft)

20:00 @ 692' 187'/hr

**SANDSTONE**, clear white lt brown, vfg-fg, sub rounded sub angular, mod sorted, mod well consolidated

CG

