

BLANCO

Geological Services LLC

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

Well Name: Roadster 41-33Kv
Location: NE/NE Sec 33 T32S R66W
Licence Number: 05-071-08615-00
Spud Date: 12/13/05
Surface Coordinates: 903' FNL 248' FEL

Region: Purgatoire River
Drilling Completed: 12/14/05

Bottom Hole Coordinates:

Ground Elevation (ft): 7386' K.B. Elevation (ft): 7391'
Logged Interval (ft): 565' To: 2290' Total Depth (ft): 2290'
Formation: Raton / Vermejo/Trinidad
Type of Drilling Fluid: Air / Mist

Printed by STRIP.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Pioneer Natural Resources USA, Inc.
Address: 1401 17th Street Suite 1200
Denver CO 80202

GEOLOGIST

Name: Kristopher Alworth / Nicholas Gonzales
Company: BLANCO Geological Services LLC
Address: 806 Robinson
Trinidad CO 81082
(719) 846-3364

Rig

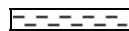


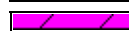
Pense Drilling Rig #22





Comments

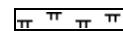
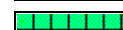
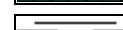
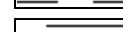
8 5/8" #24 Surface Casing set to 567.00'



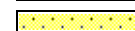

ROCK TYPES

 Anhy
 Bent
 Brec
 Cht

 Clyst
 Coal
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 Dol

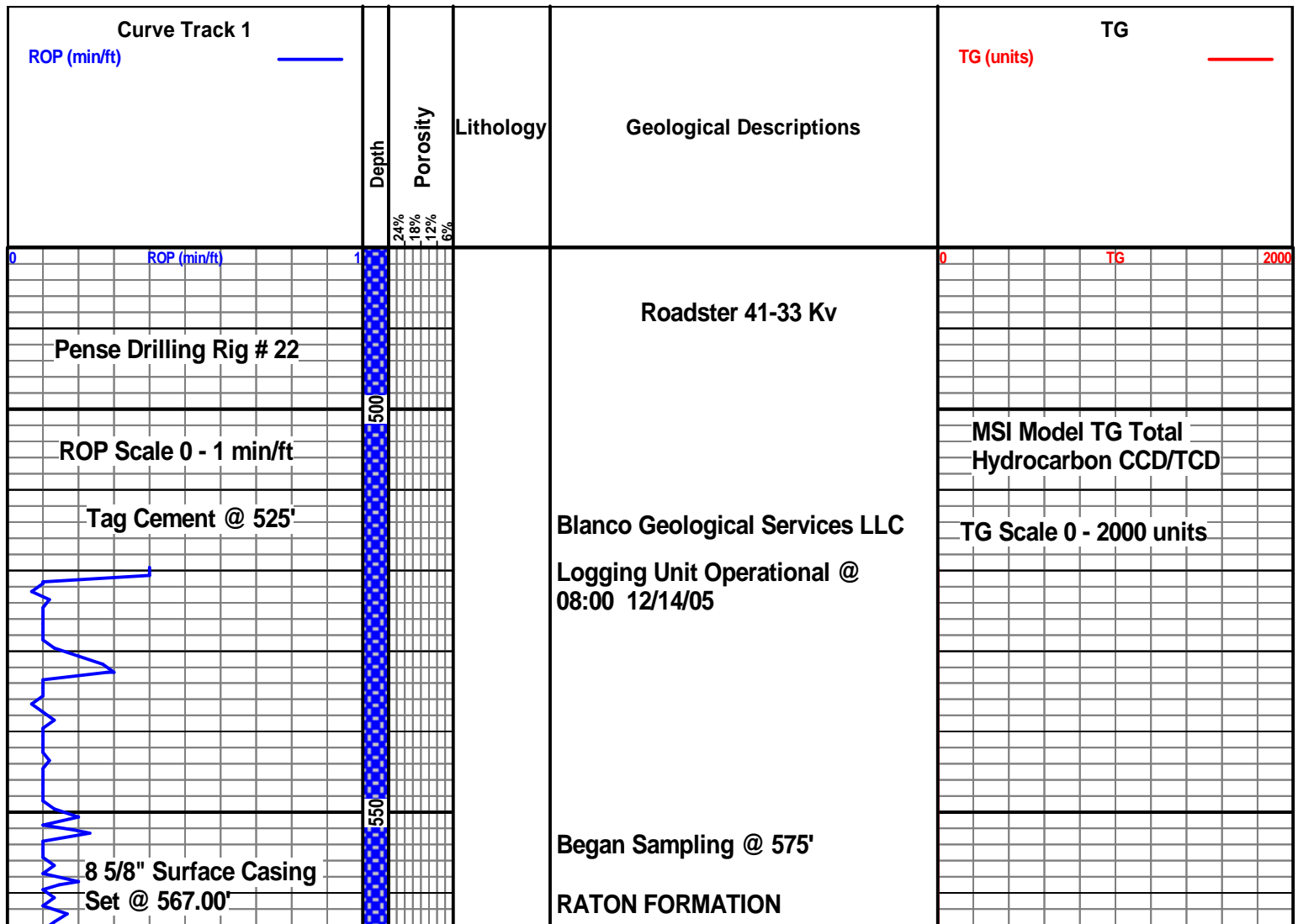
 Gyp
 Igne
 Lmst
 Meta

 Mrlst
 Salt
 Shale
 Shcol

 Shgy
 Sltst
 Ss
 Till

BS	Boundst
C	Chalky
CX	CryxIn
E	Earthy
FX	FinexIn
GS	Grainst
L	Lithogr
MX	MicroxIn
MS	Mudst
PS	Packst
WS	Wackest

Rft
Sidewall
Srfcsg



08:40 12/14/2005
Drilling New Formation
from 568' w/ Air Hammer

ROP (min/ft)

09:00 @ 655'

600

650

700

750

SHALE, lt grey, soft firm, platy sub platy, mod smooth, dull

SHALE, brown, soft firm, platy, smooth, earthy, sub waxy, COAL STRINGERS, black, firm brittle, sub vitreous, smooth, trace cleated

SILTSTONE, grey, indurated, blocky sub blocky, mod smooth gritty, dull, SANDSTONE INTERBEDDED

SHALE, brown, soft firm, platy, smooth, earthy, sub waxy, COAL STRINGERS, black, firm brittle, sub vitreous, smooth, trace cleated

SANDSTONE, clear white brown, fg-mg, sub angular sub rounded, well sorted, mod well consolidated, strongly calcareous

SHALE, grey, firm, platy sub platy, smooth, sub waxy, COAL STRINGERS

SHALE, grey, firm, platy sub platy, smooth, sub waxy, COAL STRINGERS

SHALE, brown, soft firm, platy, smooth, earthy, sub waxy, COAL STRINGERS, black, firm brittle, sub vitreous, smooth, trace cleated

SHALE, brown, soft firm, platy, smooth, earthy, sub waxy, COAL STRINGERS, black, firm brittle, sub vitreous, smooth, trace cleated

SANDSTONE, clear white tan, fg-mg, sub angular sub rounded, well sorted, mod consolidated, calcareous

SHALE, brown, sub platy sub blocky, mod smooth gritty, dull, COAL INTERBEDDED

SANDSTONE, clear white tan, fg-mg, sub angular sub rounded, well sorted, mod consolidated, calcareous, SHALE STRINGERS, COAL STRINGERS

SANDSTONE, clear white tan, fg-mg, sub angular sub rounded, well sorted, mod consolidated, calcareous, SHALE STRINGERS

SHALE, brown, sub platy sub blocky, mod smooth gritty, dull, COAL INTERBEDDED

COALS, black, firm brittle, sub vitreous, smooth, trace cleated

SHALE, grey brown, sub platy platy, mod smooth, sub waxy dull, COAL STRINGERS

TG

2000

