

BLANCO

Geological Services LLC

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

Well Name: Supernova 44-03
Location: SE/SE Sec 3 T32S R67W
Licence Number: 05-071-08606-00
Spud Date: 11/18/05
Surface Coordinates: 1272' FSL 764' FEL

Las Animas County
Region: Purgatoire River
Drilling Completed: 11/20/05

Bottom Hole Coordinates:

Ground Elevation (ft): 7830' K.B. Elevation (ft): 7834'
Logged Interval (ft): 570' To: 3295' Total Depth (ft): 3295'
Formation: Poison Canyon / Raton / Vermejo / Trinidad
Type of Drilling Fluid: Air / Mud

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: Teresa Rensink / Laurel Baca / Robert Wick
Company: BLANCO Geological Services LLC
Address: PO Box 865
Trinidad CO 81082
(719) 846-3364

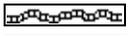
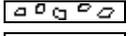
Rig

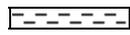
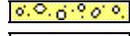
Pense Rig #17

Comments

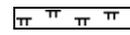
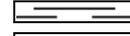
629.30' of 8 5/8" #24 Surface Casing set to 633.3' from KB

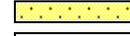
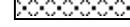
ROCK TYPES

 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

- 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

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

Vuggy

SORTING

- Well
- Moderate
- Poor

ROUNDING

- Rounded
- Subrnd
- Subang
- Angular

- Spotted
- Ques
- Dead

- Spotted
- Ques
- Dead

INTERVALS

- Core
- Dst
- Srfcsg

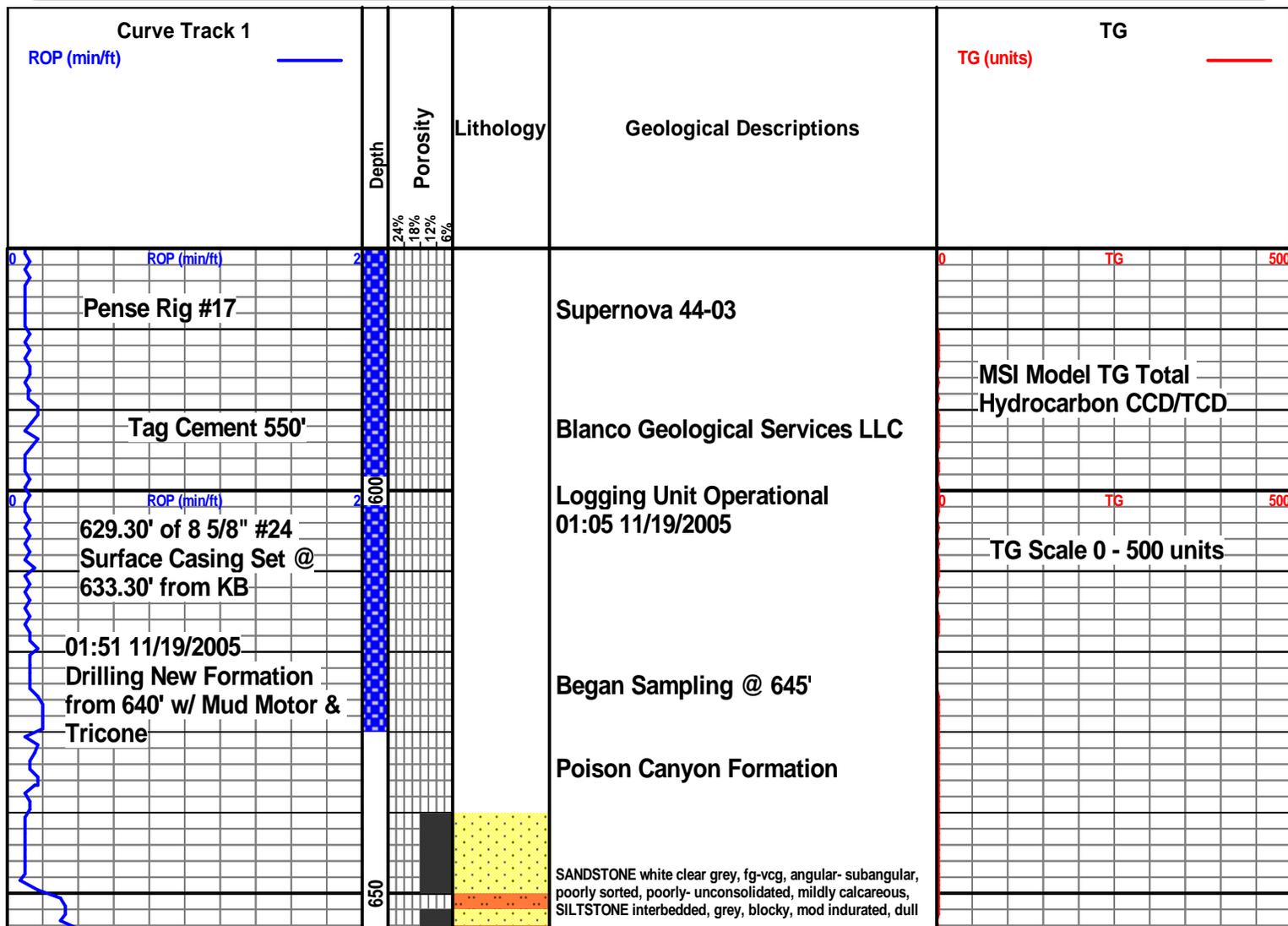
- Cv-v
- Cv-c

EVENTS

- Rft
- Sidewall
- Srfcsg

OIL SHOWS

- Even



02:00 @ 658'

SANDSTONE white green clear, fg-cg, subangular, poorly sorted, mod- poorly consolidated, mildly calcareous

SANDSTONE grey black clear white, vfg-fg, subrounded, mod sorted, mod consolidated, Pyrite

SANDSTONE green clear white, vfg-cg, subangular-subrounded, poorly sorted, mod consolidated, abundant Biotite, SHALE interbedded, green brown, mottled, mod indurated, platey, dull

SANDSTONE green, vfg, subrounded, well sorted, well consolidated, micaceous

SHALE green brown, mottled, platey, mod- well indurated, mod smooth, velvety, SILTSTONE interbedded, green brown, blocky, mod- well indurated, dull, earthy

SANDSTONE white clear orange grey, fg-vcg, angular-subrounded, poorly sorted, poorly- unconsolidated, weakly calcareous, micaceous

SANDSTONE green clear orange, vfg-mg, subangular-subrounded, mod- poorly sorted, mod consolidated, micaceous

SANDSTONE white clear orange grey, fg-vcg, angular-subrounded, poorly sorted, poorly- unconsolidated, weakly calcareous, micaceous

SHALE green brown, platey- subplatey, mod indurated, mod smooth, velvety, earthy, SILTSTONE interbedded, green brown, blocky, mod indurated, dull, gritty

03:00 @ 775'
117/hr

SANDSTONE white clear orange grey, fg-vcg, angular-subrounded, poorly sorted, poorly- unconsolidated, weakly calcareous, micaceous, SHALE interbedded

SANDSTONE green, vfg-fg, subrounded, mod sorted, mod consolidated, micaceous

SANDSTONE white clear orange grey, fg-vcg, angular-subrounded, poorly sorted, poorly- unconsolidated, weakly calcareous, micaceous, Pyrite

SANDSTONE green, vfg-fg, subrounded, mod sorted, mod consolidated, micaceous

SANDSTONE white clear green orange grey, fg-vcg, subangular- subrounded, poorly sorted, poorly- unconsolidated, weakly calcareous

700

750

800

850

ROP (min/ft)

TG

500

CG

CG

