

SOFTROCK GEOLOGICAL SERVICES, INC.



591 County Rd. 233 Durango, CO 81301

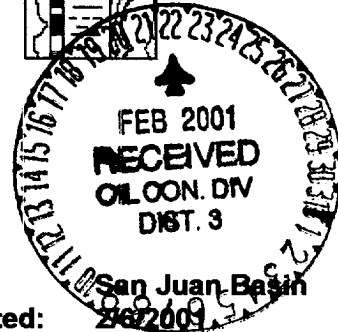
(970) 247- 8868 fax 247- 5108



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

Well Name: San Juan 30-5 Unit No. 219R
 Location: NWSW Sec. 16 T30N-R5W
 Licence Number:
 Spud Date: 1/31/2001
 Surface Coordinates: 2627' FSL
 0662' FWL

Region:
 Drilling Completed:



Bottom Hole
 Coordinates:

Ground Elevation (ft): 6335' K.B. Elevation (ft): 6351'
 Logged Interval (ft): 3017' To: 3110' Total Depth (ft): 3110'
 Formation: Fruitland Formation
 Type of Drilling Fluid: Air/Mist

Printed by MUD.LOG from WellSight Systems Inc. 1-800-447-1534 www.wellsight.com

OPERATOR

Company: Phillips Petroleum Company
 Address: 5525 Highway 64
 Farmington, NM 87401

GEOLOGIST

Name: Ron Horton, Christian Llull
 Company: Softrock Geological Services
 Address: 591 CR 233
 Durango, CO 81301
 (970) 247-8868 247-5108 fax

Hole Data:

Surface to 241' 12-1/4"
 241' to 3017' 8-3/4"
 3017' to 3110' (TD) 6-1/4"

Casing Data:

Surface 9-5/8" set at 235'
 Intermediate 7" set at 3013'

Comments:

Key Energy Services Rig #53
 Company Representative David Green

ROCK TYPES

Anhy
 Bent
 Brec
 Cht
 Clyst
 Coal
 Congl

Dol
 Gyp
 Igne
 Lmst
 Meta
 Mrlst
 Salt

Shale
 Shcol
 Shgy
 Sltst
 Ss
 Till
 Blank

Clyst
 Fracture
 Shale
 Sltst
 Carb sh

ACCESSORIES

MINERAL

Anhy
 Arggrm
 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

Earthly
 Fenest
 Fracture
 Inter
 Moldic
 Organic
 Pinpoint
 Vuggy

SORTING

Well
 Moderate
 Poor
 ROUNDING
 Rounded
 Subrnd
 Subang
 Angular
 OIL SHOWS
 Even

Spotted
 Ques
 Dead
 INTERVALS
 None
 Core
 Dst
 Sliding
 EVENTS
 Rft

Sidewall
 Bit trip
 Csg shoe
 Fracture
 Gas show
 Midnight
 Tops
 Carbide
 Survey

