



GEOSEARCH LOGGING INC.

Scale 1:1200 (1"=100') Imperial

Well Name: PIONEER RESOURCES, HUNTER # 22-17
Location: SEC: # 17, T-33S--R-67W----LAS ANIMAS CO, COLORADO
Licence Number: AFE: # 021702 Region: RATON-PURGATOIRE R
Spud Date: 10/24/2011 Drilling Completed: 10/27/2011
Surface Coordinates: 1,912' FNL & 1,966' FWL
SE/NW Sec: 17, T33S--R67W ____ MERIDIAN: # 6
Bottom Hole VERTICAL HOLE
Coordinates:
Ground Elevation (ft): 7,740' K.B. Elevation (ft): 7,749'
Logged Interval (ft): 920' To: 2,565' Total Depth (ft): 2,565' T.D.
Formation: Ratón Coal, Ratón Cong, Vermejo, Trinidad Sandstones
Type of Drilling Fluid: DRILLING ON AERATED WATER, (7ppg.)

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

OPERATOR

Company: PIONEER NATURAL RESOURCES USA INC.
Address: 1401 17th ST. STE 1200
DENVER, COLORADO 80202
PHONE: (303) 675-2611-----FAX: (303) 294-1251

GEOLOGIST

Name: Shannon Osterhout & Neal Dannemiller
Company: PIONEER NATURAL RESOURCES USA INC..
Address: 1401 17th ST. STE 1200
DENVER, COLORADO 80202
NEAL: (303) 675-2645 & SHANNON: (303) 675-2734

DRILLING CONTRACTOR

PIONEER NATURAL RESOURCES: RIG #3
FIELD #: 70830--RATON BASIN-PURGATOIRE RIVER
API # : 05-071-09885-0000

WELL SITE GEOLOGIST

WAYNE NIX Cell----(870) 826-6197
BETTY NIX Cell----(870) 826-6196
GEOSEARCH LOGGING INC.
P.O. Box 6005
Edmond, OK. 73083-60
PHONE: (405) 340-5545
FAX: (405) 348-8303

COMPANY MEN

BILL VIGIL & DERRICK BERRY
PIONEER NATURAL RESOURCES USA INC..
 27000 HWY 12
 TRINIDAD, COLORADO 81082
 PHONE: (303) 675-2611

Additional Comments:

2 Manned Logging Service
 Start Date: 10/24/2011
 SET 8 5/8" SURFACE CASING
 TO 897' ON THE 10/25/2011
 (DRILLED ON AERATED WATER)
 T.D. @ 2,565 ' on the 10/27/2011
 RELEASED: 10/27/2011.....

ROCK TYPES

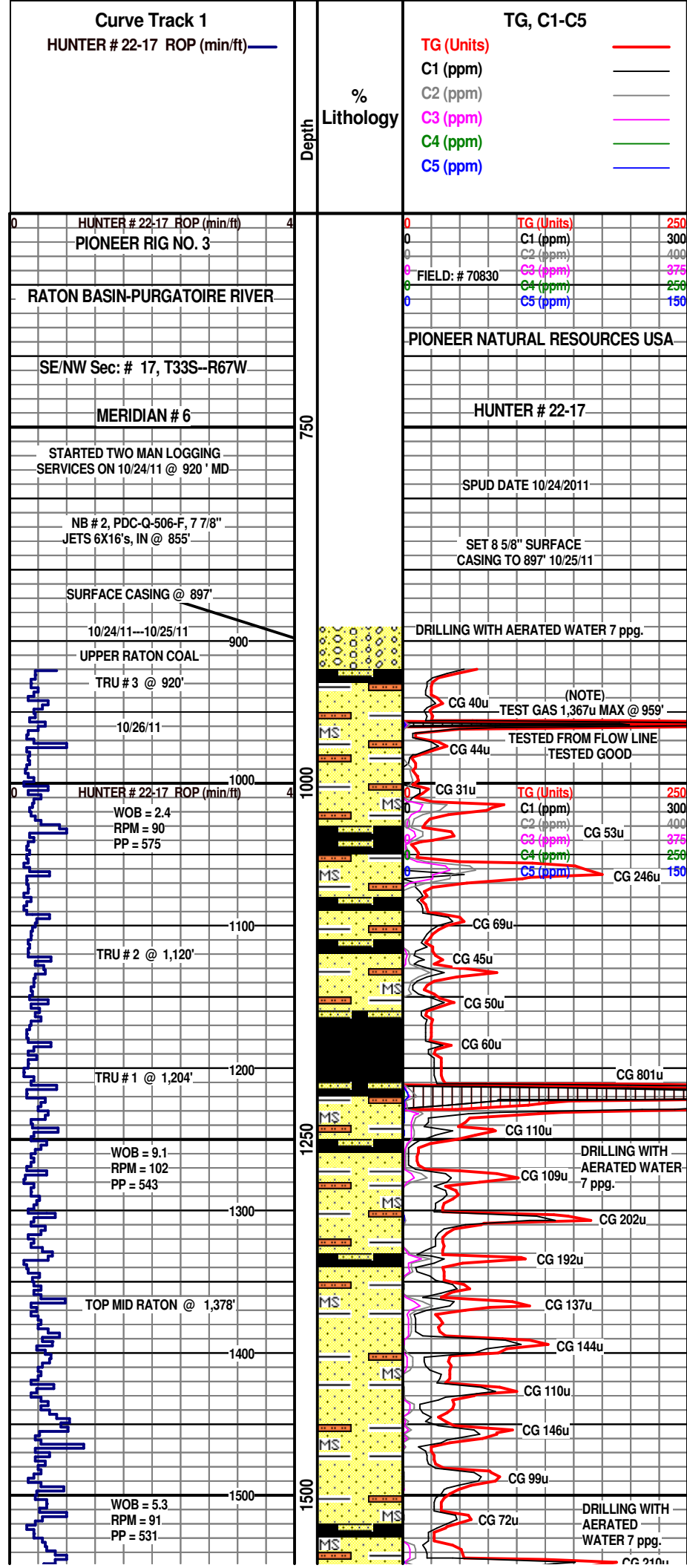
	Anhy		Clyst		Gyp		Mrlst		Shgy
	Bent		Coal		Igne		Salt		Sltst
	Brec		Congl		Lmst		Shale		Ss
	Cht		Dol		Meta		Shcol		Till

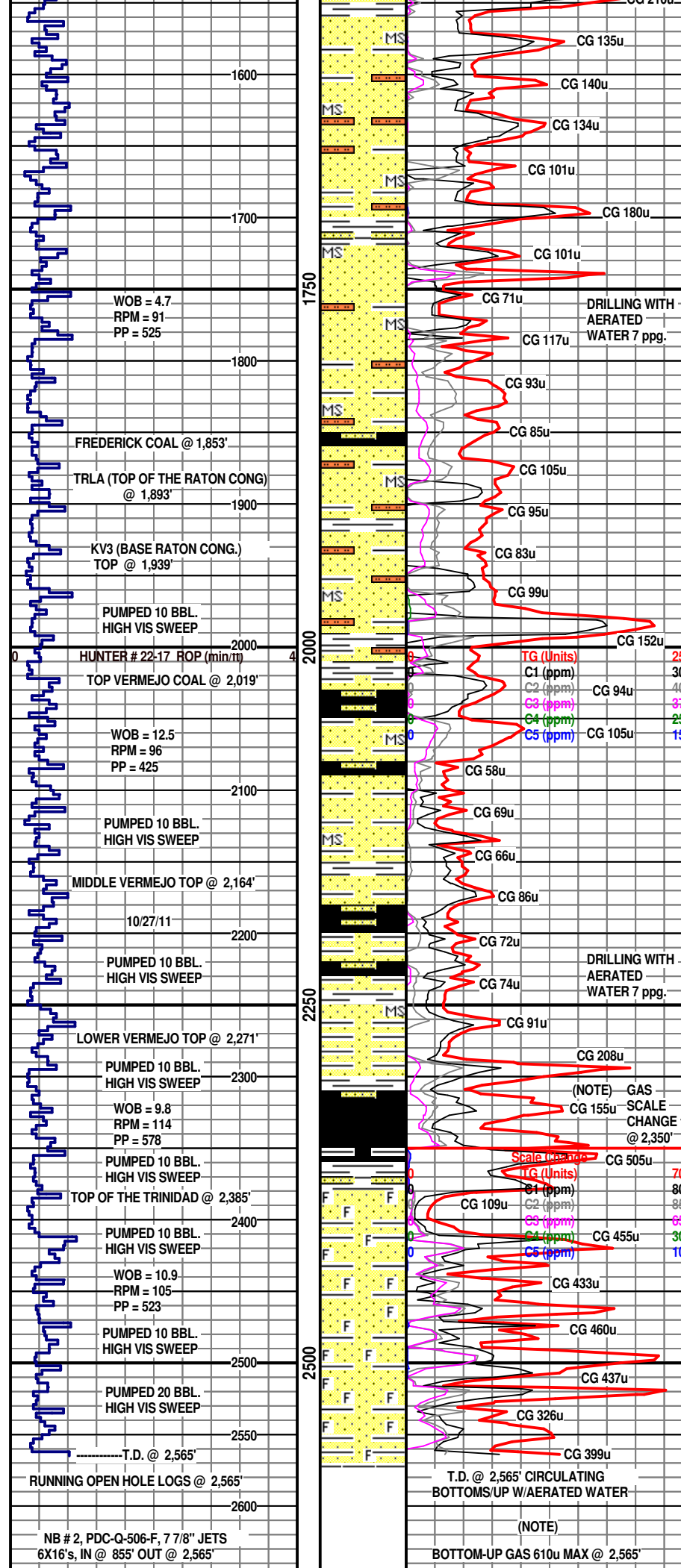
ACCESSORIES

FOSSIL	Ostra	Chtdk	Sandy	Ssstrg
Algae	Pelec	Chtlt	Silt	TEXTURE
Amph	Pellet	Dol	Sil	Boundst
Belm	Pisolite	Feldspar	Sulphur	Chalky
Bioclst	Plant	Ferrpel	Tuff	Cryxln
Brach	Strom	Ferr	STRINGER	Earthy
Bryozoa	MINERAL	Glau	Anhy	Finexln
Cephal	Anhy	Gyp	Arg	Grainst
Coral	Arggrn	Hvymin	Bent	Lithogr
Crin	Arg	Kaol	Coal	Microxln
Echin	Bent	Marl	Dol	Mudst
Fish	Bit	Minxl	Gyp	Packst
Foram	Brecfrag	Nodule	Ls	Wackest
Fossil	Calc	Phos	Mrst	
Gastro	Carb	Pyr	Sltstrg	
Oolite		Salt		

OTHER SYMBOLS

POROSITY	Organic	Spotted	Moderate	Subang
Earthy	Pinpoint	Ques	Poor	Angular
Fenest	Vuggy	Dead	ROUNDING	INTERVAL
Fracture	OIL SHOW	SORTING	Rounded	Core
Inter	Even	Well	Subrnd	Dst
Moldic				





[illegible]