GEOSEARCH LOGGING INC.

Scale: 1:240 (8" = 20') Vertical

Hole Name:	VOLWINKLE STANLEY #1		
Location Number:	W2 - W2 - E2SW - SE/4		
Spud Date:	9/20/2004	Region:	VERNON CTY, MO
Completion Date:	9/27/2004	Drilling Completed:	9/25/2004
Total Depth:	407 Ftbg & 1296' FWL		

Surface Data:
Coordinates:
Ground Elevation (ft): 912' K.B. Elevation (ft): 915'
Logged Interval (ft): Gross: 0 to 3,214' Total Depth: 3,214'
Type of Drilling Fluid: Air Type of Mud: None
Type of Drilling Fluid: LIME

Provided by MUELLER from Halliburton Systems Inc. 1-800-447-1534 www.wellsright.com

OPERATOR

Company: MID CONTINENT RESOURCES
P.O. BOX 1468
ABBVILLE, TX. 70516-0000

GEOLOGIST

Name: BILL VANHOOK & DAVID MOORE
Company: GEOSEARCH LOGGING
Address: PO Box 9000
Abbeville, LA 70510-9000
(800) 844-9548

Comments

Electronic Logging Service
Start Logging Date: 9/13/2004
Geosearch Logging Date: 9/20/2004
Drilling Contractor: KOLOR DRILLING RIG # 1

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LITHOLOGY SYMBOLS

Anhydrite	Dolomite	Marl	Sandstone	Chert	Coal	Clay	Conglomerate
Bentonite	Dolomite Sandy	Marl Sandy	Sandstone Shale	Chert Shale	Coal Shale	Clay Shale	Conglomerate Shale
Bentonite Shale	Dolomite Shale	Marl Shale	Sandstone Sandy	Chert Sandy	Coal Sandy	Clay Sandy	Conglomerate Sandy
Chalk	Limestone	Mudstone	Shale	Chert Shale Sandy	Coal Shale Sandy	Clay Shale Sandy	Gypsum
Chalk Shale	Limestone Shale	Mudstone Shale	Shale Sandy	Chert Sandy Shale	Coal Sandy Shale	Clay Sandy Shale	Gypsum Shale
Chalk Sandy	Limestone Sandy	Mudstone Sandy	Siltstone	Coquina	Dolomite	Shale	Gypsum Sandy
Chalk Sandy Shale	Limestone Sandy Shale	Mudstone Sandy Shale	Siltstone Shale	Coquina Shale	Dolomite Shale	Shale Sandy	Salt
Coal	Marl	Sandstone	Siltstone Sandy	Coquina Sandy	Dolomite Sandy	Shale Sandy Shale	Salt Shale
Coal Shale	Marl Shale	Sandstone Shale	Siltstone Sandy Shale	Coquina Sandy Shale	Dolomite Sandy Shale	Shale Shale	Salt Sandy
Coal Sandy	Marl Sandy	Sandstone Sandy					Salt Sandy Shale
Coal Sandy Shale	Marl Sandy Shale	Sandstone Sandy Shale					

ACCESSORIES

Algal	Fossil	Marl	Coral	Fish	Pyrite
Angular	Frac	Mica	Crinoid	Fish Scale	Rounded
Bioclast	Frac Filled	Mottled	Cubic	Fish Tooth	Sand
Brecciated	Frac Partial	Oolite	Cubic Pyrite	Fossil	Sorting
Brecciated Shale	Frac Tight	Pellet	Cubic Sand	Fossil Shale	Spherical
Bryozoan	Gas	Pisolite	Cubic Shale	Fossil Sandy	Stylolite
Calcite	Gas Show	Plant	Cubic Sandy	Fossil Sandy Shale	Subangular
Chert	Glauconite	Plant Shale	Cubic Shale	Fossil Shale	Subrounded
Chert Shale	Grain	Plant Sandy	Cubic Sandy Shale	Fossil Sandy Shale	Tuff
Chert Sandy	Grain Shale	Plant Sandy Shale	Fish	Fossil Shale Sandy	Vitreous
Chert Sandy Shale	Grain Sandy	Plant Shale Sandy	Fish Bone	Fossil Sandy Shale Sandy	Vitreous Shale
Coal	Grain Sandy Shale	Pyrite	Fish Bone Shale	Fossil Shale Sandy Shale	Vitreous Sandy
Coal Shale	Grain Shale	Pyrite Shale	Fish Bone Sandy	Fossil Sandy Shale Shale	Vitreous Sandy Shale
Coal Sandy	Grain Shale Sandy	Pyrite Sandy	Fish Bone Sandy Shale	Fossil Shale Shale	Vitreous Shale Sandy
Coal Sandy Shale	Grain Sandy Shale	Pyrite Sandy Shale	Fish Bone Shale Sandy	Fossil Sandy Shale Sandy	Vitreous Shale Sandy Shale
Coal Shale Sandy	Grain Shale Shale	Pyrite Shale Sandy	Fish Bone Shale Sandy Shale	Fossil Shale Sandy Shale Sandy	Vitreous Sandy Shale Shale
Coal Shale Sandy Shale	Grain Shale Sandy Shale	Pyrite Shale Sandy Shale	Fish Bone Sandy Shale Shale	Fossil Sandy Shale Sandy Shale	Vitreous Shale Sandy Shale Shale
Coal Sandy Shale Shale	Grain Sandy Shale Shale	Pyrite Sandy Shale Shale	Fish Bone Shale Sandy Shale Shale	Fossil Shale Sandy Shale Shale	Vitreous Sandy Shale Shale Shale
Coal Shale Sandy Shale Shale	Grain Shale Sandy Shale Shale	Pyrite Shale Sandy Shale Shale	Fish Bone Sandy Shale Shale Shale	Fossil Sandy Shale Sandy Shale Shale	Vitreous Shale Sandy Shale Shale Shale
Coal Sandy Shale Shale Shale	Grain Sandy Shale Shale Shale	Pyrite Sandy Shale Shale Shale	Fish Bone Shale Sandy Shale Shale Shale	Fossil Shale Sandy Shale Shale Shale	Vitreous Sandy Shale Shale Shale Shale

OTHER SYMBOLS

Accessory Type	Lithology	Accessory	Lithology	Accessory	Lithology
Bioclast	Chert	Fossil	Limestone	Pyrite	Sandstone
Brecciated	Coal	Frac	Marl	Sand	Shale
Calcite	Dolomite	Gas	Mudstone	Spherical	Siltstone
Chert	Fossil	Glauconite	Oolite	Stylolite	Tuff
Coal	Frac	Grain	Pellet	Subangular	Vitreous
Coquina	Gas	Grain Sandy	Pisolite	Subrounded	Vitreous Shale
Fossil	Glauconite	Grain Shale	Pyrite	Tuff	
Frac	Grain	Grain Shale Sandy	Sand	Vitreous	

Hole Name: VOLWINKLE STANLEY #1

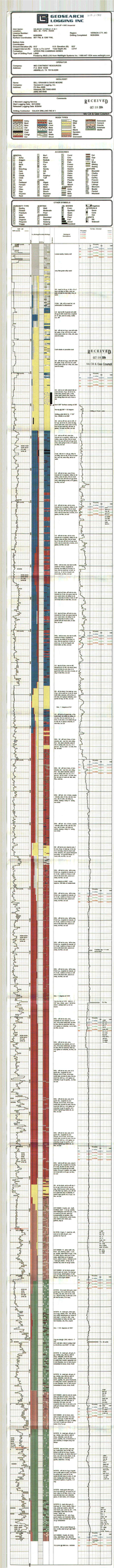
Lithology/Accessory Key

Depth Scale 1:240 (8" = 20')

Lithology Description

Total Gas (Units)

Chlorides (mg/L)



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