

\_\_\_\_\_

KSA 87a-1717

# Kansas Corporation Commission

## Well Log

**MW-7**

Drill Date: April 5, 2010 (9.5") & April 9, 2010 (4.5")

Site: Yeoman (KCC# 20060021-00)

Field Screening

Equipment: ITX Multi Gas Meter

Location: Sec. 36-T28S-R7W 230' FNL & 411' FEL

Drill Method: Mud Rotary and Air Rotary

Drilling Rig: GEFCO Star 30K

Boring Diam.(inches) for Surface casing: 9.5"

Surface Casing Length: 60'

Diameter: 5.5" Steel

Boring Diameter through casing: 4.5"

Surface Casing Length BGS: 59'

Cement Type: Common

Sample Method: Grab samples every five feet

Est. Elevation: 1583'

Use: Monitoring/Recovery Gas Well

Total Boring Depth (feet): 160'

Depth (ft.)	Sample Type	ITX (%LEL)	Geologic Description	Well Construction
25	Surface wash	N/A	0.0-5' - Sand, Coarse, Sub-angular, Rust colored changing tan with depth	
	wash	N/A	10 - Sand, Tan, Sub-angular/rounded, Medium/Fine, 15% Feldspar	
	wash	N/A	15- Same	
	wash	N/A	20 - Same	
	wash	N/A	25- Sand, fine/medium grained, sub-rounded, 15% feldspar	
	wash	N/A	30- Same chg to fine sand	
	wash	N/A	35 - Sand, Fine/Medium, 10% Feldspar, sun-rounded	
	wash	N/A	40 - Org/Brn Sand, Fine to Medium, black shale frag, shale has good break	
	wash	N/A	45- Same changing to Red shale.	
	wash	N/A	50- Red Shale, some medium sand.	
50	wash	N/A	55 - Red Shale - Soft, clayey, green bits of silt/harder shale	
	Air	0	61 - Red Shale, End of wash sampling	
	Air	4	65 - Red dust	
	Air	5	70 - Red Dust	
75	Air	3	75 - Red Dust	
	Air	5	80 - Red/White Dust	
	Air	3	85 - Red Dust	
	Air	4	90 - White/Red Dust	
	Air	3	95 - Red /White dust	
100	Air	3	100 - Red/white Dust	
	Air	26	105 - Red Dust	
	Air	OR	110 - Red Dust	
	Air	OR	115 - Red Dust	
	Air	OR	120 - Red Dust	
125	Air	OR	121 - Red but very moist	
	Air	OR	130 Red, moist	
	Air	OR	140 - Gray/Red, wet	
150	Air	OR	145 - Gray, wet	
	Air	OR	150 - Red, Wet	
	Air	OR	160 - Pink/Gray/Red, wet	
175			TD: 160'	
			OR = Reading Over 100% of LEL	

Geologist: David L. Bollenback

Drilling Company: Pratt Well Service, Inc. Driller: Jon