

GEOLOGIC REPORT

DAVID J. GOLDAK

WICHITA, KANSAS
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Kaufman #4
Location: Section 5, T28S - R6W
License Number: API: 15-095-22236
Spud Date: 11 / 25 / 2011
Surface Coordinates: 990' FNL and 1980' FEL
S/2 - NW - NE

Region: Kingman Co., KS
Drilling Completed: 12 / 03 / 2011

Bottom Hole Coordinates:
Ground Elevation (ft): 1549' K.B. Elevation (ft): 1559'
Logged Interval (ft): 1840' To: 3972' Total Depth (ft): 3972'
Formation: Mississippian
Type of Drilling Fluid: Chemical - Mud-Co
Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: American Energies Corporation
Address: 155 N. Market, Suite 710
Wichita, Kansas 67202

GEOLOGIST

Name: David J. Goldak
Company: D. J. GOLDAK, INC.
Address: 155 N. Market, Suite 710
Wichita, Kansas 67202

General Info

CONTRACTOR: Pickrell Drilling, Rig #1

BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	12-1/4	JZ - LL116	4-14	272	272	5.50
2	7-7/8	JZ-QX21	3-14	3922	3650	90.25
3	7-7/8	JZ-MD30	3-14	3972	50	1.25

SURVEYS: 272' - 1.25, 781' - 1.0, 1374' - 1.0, 2429' - 1.5,
2678' - 1.25, 3176' - 0.75, 3676' - 1.0, 3922' - 0.75

GENERAL DRILLING AND PUMP INFORMATION:

Drilling with 36,000-40,000 lbs. on bit and 75 RPM.
Pumping 64 S/M, 8.3 B/M, and 1000 psi at standpipe.

Daily Status

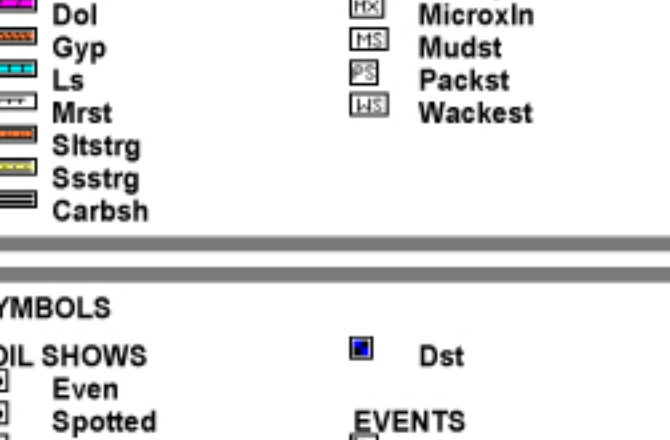
11/25/11 - Spud @ 9:15 PM;
11/26/11 - 272' Setting 8-5/8" Csg at 267'
11/27/11 - 272' Repairing steel pits
11/28/11 - 1,342' Drilling;
11/29/11 - 2,225' Drilling; Displace mud @ 2,491'
11/30/11 - 2,844' Drilling
12/01/11 - 3,385' Drilling
12/02/11 - 3,963' Drilling; DST #1 @ 3,922
12/03/11 - 3,965' Drilling; RTD 3,972' @ 7:00 AM

DST #1: 3,903' - 3,922' (Mississippian Chert)
30" - 60" - 30" - 60"

IF: Strong blow, BOB in 2 minutes
ISI: No blow back
FF: Good blow, BOB in 7 minute
FCS: No blow back

RECOVERY: 425' Total Fluid, consisting of:
425' MW (95% W, 5% M); Chlorides: 54,000 ppm

SIP: 1093-1070; FP: 39-122, 129-190; HP: 1877-1836;
BHT: 120



ROCK TYPES			
Anhy	Gyp	Shgy	Sandylys
Bent	Igne	Sltst	Shale
Brec	Lmst	Ss	Sltstn
Cht	Meta	Til	Shlysts
Cysl	Mrlst	Carb sh	Sltsh
Coal	Shale	Dol	Lms
Congl	Salt	Dol	
Dol	Shcol	Dtd	
		Gry sh	

ACCESSORIES			
Fossil	Gastro	Clystn	
Oolite	Ostra	Dol	
Pellet	Pisolite	Grysh	
Plant	Strom	Gryst	
Fuss	Oomold	Lms	
Oomold		Sltstn	

TEXTURE			
Soundst	Chaikn	Dol	
Cryxln	Lms	Grysh	
Earthn	Sltstn	Gryst	
Grainst		Lms	
Lithogr		Sh	
Microxln		Sltstn	
Mudst			
Wackest			

OTHER SYMBOLS			
Even	Spotted	Dst	
Ques	Dead	Rft	
Gas show		Sidewall	
		Conn	

INTERVALS			
Core	Dst		

POROSITY TYPE			
Earthy	Fenest	Fracture	
Inter	Moldic	Organic	
Pinpoint	Vuggy		

SORTING			
Well	Moderate	Poor	

ROUNDING			
Rounded	Subrnd	Angular	

Curve Track 1			
ROP (min/ft)	Depth (min/ft)	Porosity (min/ft)	Lithology (min/ft)

Geological Descriptions			
TG (units)	C1 (units)	C2 (units)	C3 (units)

TG, C1-C5			
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