



# Geologic Report

## Drilling Time and Sample Log

Operator **American Warrior, Inc.** KB Elevation 2233'  
 Lease **Dave Albers** No. **3-24** DF 2225'  
 API # **15-135-25867-0000** Casing Record Surface 8 5/8" @ 222'  
 Field **Bondurant** Production 5 1/2" @ 4370'  
 Location **335' FNL & 2305' FEL** Electrical Surveys None  
 Sec. **24** Twp. **20s** Rge. **22w**

County	Ness	State	Kansas
Formation	Log Tops	Sample Tops	Struct Comp
Anhydrite		1438' +795	
Base		1469' +764	
Heebner		3713' -1480	FL
Lansing		3761' -1528	FL
BKc		4079' -1846	+4
Pawnee		4194' -1961	
Fort Scott		4273' -2040	
Cherokee		4297' -2064	
Mississippian		4353' -2120	FL
Osage		4363' -2130	+7
Total Depth		4371' -2138	

Reference Well For Structural Comparison **Rains & Williamson Bondurant B#1**  
 C NE NW Sec. 24 T20s R22w Ness Co. Kansas

Drilling Contractor **Discovery Drilling Co. Inc.** Rig #3  
 Commenced **4-24-2015** Completed **4-26-2015**  
 Samples Saved From **4000'** To **RTD**  
 Drilling Time Kept From **3700'** To **RTD**  
 Samples Examined From **4000'** To **RTD**  
 Geological Supervision From **4000'** To **RTD**

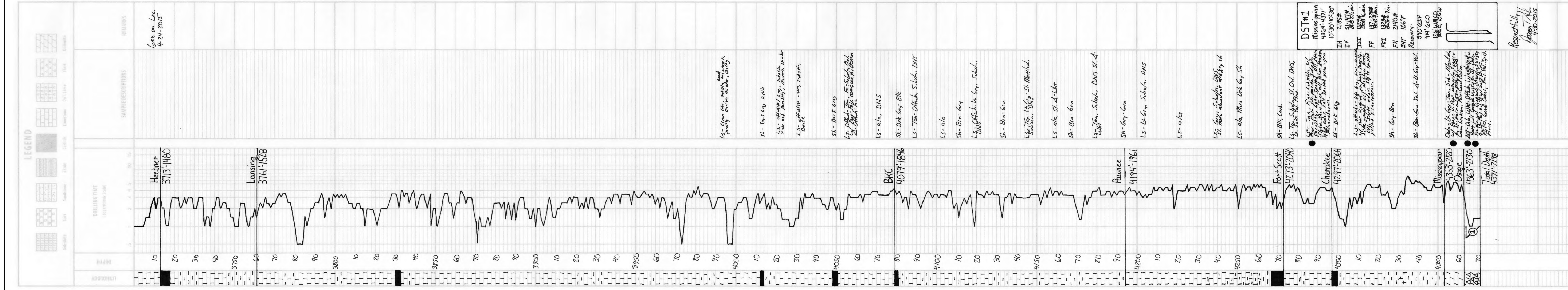
Displacement **3600'** Mud Type **Chemical**

### Summary and Recommendations

The location for the Dave Albers #3-24 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One Drill Stem Test was conducted which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Dave Albers #3-24 well.

Respectfully Submitted,

Jason T Alm  
 Hard Rock Consulting, Inc.



Respectfully,  
 Jason T Alm  
 4-30-2015