

29-30-23W

## **Geological Report**

American Warrior Inc.  
Esplund Farms #3-29  
1380' FNL & 2286' FEL  
Sec. 29 T30S R23W  
Clark County, Kansas

James F Dilts  
Geologist

**American Warrior, Inc.**

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## General Data

Well Data: American Warrior Inc.  
Esplund Farms #3-29  
NW-SW-NE  
1380' FNL & 2286' FEL  
Sec. 29 T.30S R.23 W.  
Clark County, Kansas  
API # 15-025-21, 395-0000

Drilling Contractor: Duke Drilling Co

Spud Date: 1/9/2007

Rotary TD Date: 1/24/2007

Rotary TD: 5690'

Elevation: 2502' Ground Level  
2522' Kelly Bushing

Casing: Surface 640' 8 5/8" 24# surface casing set at  
652' w/375 sx 60/40 3%cc 2%gel  
Production 5.5" 15.5 #5688' @ 5689' w/165 sx  
SMD

Samples: 10' wet and dry, 4300' to RTD

Drilling Time: 4300' to RTD

Electric Logs: DIL/CDL//BHCS/CNL

Drillstem Tests: One

Problems: None

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## Formation Tops

**Unruh-1-22** *Esplund Farms 3-29*

|              |            |
|--------------|------------|
| Heebner      | 4474'-1952 |
| Brown Lime   | 4632'-2110 |
| Lansing      | 4648'-2126 |
| BKC          | 5137'-2615 |
| Marmaton     | 5154'-2632 |
| Pawnee       | 5232'-2710 |
| Cherokee     | 5284'-2762 |
| Morrow Sd    | 5454'-2932 |
| St Genevieve | 5458'-2936 |
| St Louis     | 5487'-2965 |

### DST 1: Mississippi

Interval (5395'-5460') Anchor Length 65'

|                    |             |
|--------------------|-------------|
| I.F BOB 1 Min      | IF 91-193#  |
| I.S.I Fair Blow 8" | ISI 1674#   |
| F.F BOB Immediate  | FF 150-352# |
| F.S. I BOB 90 Min  | FSI 1649#   |

### Recovery:

|             |        |        |        |
|-------------|--------|--------|--------|
| 80' GSY OIL | 5%gas  | 95%oil |        |
| 60' GSY OIL | 30%gas | 70%oil |        |
| 60' GSY OIL | 15%gas | 85%oil |        |
| 60' GSY OCM | 50%gas | 15%oil | 35%mud |
| 60' GSY OCM | 65%gas | 10%oil | 25%mud |

Summary: Due to structural position and log information, the decision was made to case the Esplund 3-29 for further evaluation

Respectfully Submitted,  
James F Dilts

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