

Company: La Veta Oil and Gas  
Address:

**OPERATOR**

Contact Geologist:  
Contact Phone Nbr:  
Well Name: #1 Frigger  
Location: Section 1-23S-12W  
Pool: Kansas  
State: Kansas  
API: 15-185-23999  
Field: Richardson  
Country: USA

Scale 1:240 Imperial

Well Name: #1 Frigger  
Surface Location: Section 1-23S-12W  
Bottom Location:  
API: 15-185-23999  
License Number:  
Spud Date: 10/4/2017 Time: 6:30 PM  
Region: Stafford County  
Drilling Completed: 10/11/2017 Time: 8:15 AM  
Surface Coordinates: 330 FNL & 735 FEL  
Bottom Hole Coordinates:  
Ground Elevation: 1816.00ft  
K.B. Elevation: 1824.00ft  
Logged Interval: 3000.00ft To: 3547.00ft  
Total Depth: 3547.00ft  
Formation:  
Drilling Fluid Type: Chemical (MudCo)

**SURFACE CO-ORDINATES**

Well Type: Vertical  
Longitude:  
N/S Co-ord: 330 FNL  
E/W Co-ord: 735 FEL  
Latitude:

**LOGGED BY**



Company: TerraTech Energy Service LLC.  
Address: 1632 S. West St. Suite 12  
Wichita, KS 67208  
Phone Nbr: 316-617-3959  
Logged By: Geologist Name: Bruce Reed

**CONTRACTOR**

Contractor: Southwind Drilling  
Rig #: 9  
Rig Type: mud rotary  
Spud Date: 10/4/2017 Time: 6:30 PM  
TD Date: 10/11/2017 Time: 8:15 AM  
Rig Release: 10/11/2017 Time: 8:15 AM

**ELEVATIONS**

K.B. Elevation: 1824.00ft Ground Elevation: 1816.00ft  
K.B. to Ground: 8.00ft

**NOTES**

Surface Casing: 8-5/8" at 269'  
Production Casing: None

Daily Penetration:  
10/04/17 SPUD @ 6:30 PM  
10/05/17 269'  
10/06/17 1763'  
10/07/17 2517'  
10/08/17 3148'  
10/09/17 3462'  
10/10/17 3545'  
10/11/17 3547' Plugged @ 8:15 AM

**DRILL STEM TESTS**

DST #1 3494'-3540' Arbuckle. Surface blow died in 7 minutes. No blow on the second.  
Recovered: 3' DM. IFP/15" 11-12 psi, ISIP/30" 37 psi, FFP/15" 13-13 psi, FSIP/30" 23 psi

DST #2 3540'-3545' Arbuckle. Surface blow initially. 1" to 1/2" blow on second.  
Recovered: 75' GIP, 30' Clean Oil, 15' OCMW (60% oil, 15% water, 15% mud).  
IFP/15" 14-15 psi, ISIP/30" 985 psi, FFP/25" 17-23 psi, No FSIP

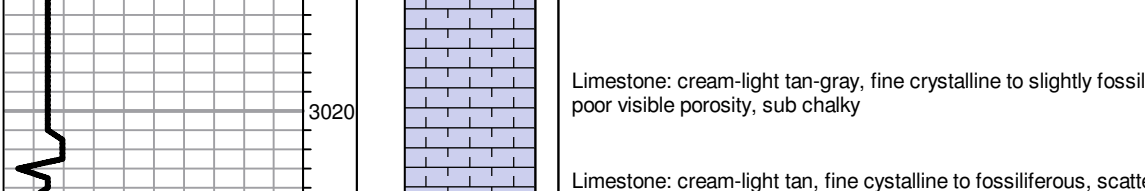
DST #3 3541'-3547' Arbuckle. Weak to surface blow on both openings.  
Recovered: 120' GIP, 30' Clean Oil, 90' SOCMW (3% oil, 82% water, 15% mud).  
IFP/30" 15-37 psi, ISIP/30" 1162 psi, FFP/30" 39-63 psi, FSIP/30" 1152 psi

**GEOLOGICAL TOPS**

Formation	Sample Top	Datum	Comparison*
Heebner	3088'	-1264	
Toronto	3107'	-1283	
Douglas	3122'	-1298	
Brown Lime	3229'	-1405	
Lansing	3258'	-1434	
Arbuckle	3536'	-1712	+2

\*Reference well: Stanolind Oil #2 Figger, NE NE NE,  
Sec 1-23S-12W, Stafford County, Kansas

**ROCK TYPES**



**OTHER SYMBOLS**

