

OPERATOR

Company: La Veta Oil Gas
 Address: PO Box 780
 Middleburg, VA 20118-0780

Contact Geologist:
 Contact Phone Nbr:
 Well Name: #3 Hammeke
 Location: Section 12-22S-12W
 Pool: Kansas
 State: Kansas
 API: 15-185-23945
 Field: Max
 Country: USA

Scale 1:240 Imperial

Well Name: #3 Hammeke
 Surface Location: Section 12-22S-12W
 Bottom Location:
 API: 15-185-23945
 License Number:
 Spud Date: 9/25/2015 Time: 8:15 AM
 Region: Stafford
 Drilling Completed: 9/30/2015 Time: 2:00 PM
 Surface Coordinates: 1945' FNL & 1775' FEL
 Bottom Hole Coordinates:
 Ground Elevation: 1800.00ft
 K.B. Elevation: 1810.00ft
 Logged Interval: 3000.00ft To: 3592.00ft
 Total Depth: 3592.00ft
 Formation:
 Drilling Fluid Type: Chemical (MudCo)

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude:
 N/S Co-ord: 1945' FNL
 E/W Co-ord: 1775' 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: Maverick Drilling
 Rig #: 106
 Rig Type: mud rotary
 Spud Date: 9/25/2015 Time: 8:15 AM
 TD Date: 9/30/2015 Time: 2:00 PM
 Rig Release: 10/1/2015 Time: 11:00 AM

ELEVATIONS

K.B. Elevation: 1810.00ft Ground Elevation: 1800.00ft
 K.B. to Ground: 10.00ft

NOTES

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

Daily Penetration:
 09/25/15 SPUD @ 8:15 AM
 09/26/15 785'
 09/27/15 2070'
 09/28/15 3050'
 09/29/15 3355'
 09/30/15 3440' RTD @ 2:00 PM
 10/01/15 3592' Rig released @ 11:00 AM

DRILL STEM TESTS

DST #1 3350'-3370' L/KC "H". Weak blow that died in 5 minutes on the initial flow period. No blow on the second flow period, pulled tool. Recovered: 25' Drilling Mud. IFP/15" 15-23 psi, ISIP/30" 245 psi, FFP/5" 24-22 psi, FSIP/ Not Recorded

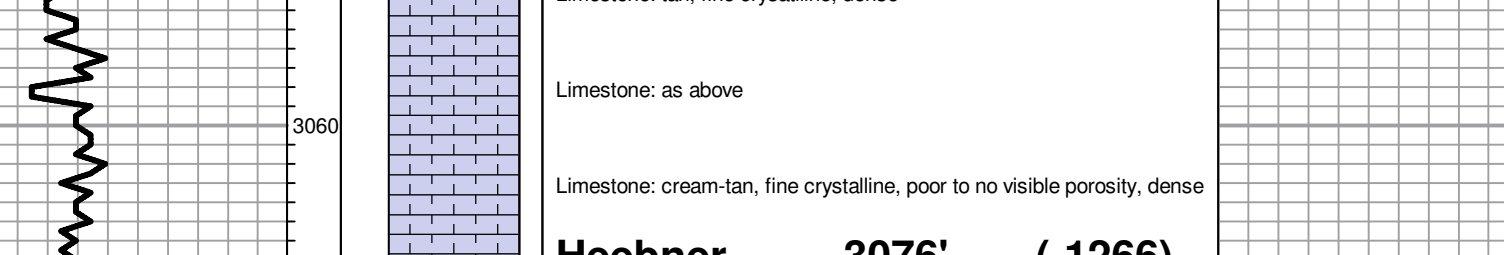
DST #2 3520'-3592' Arbuckle. Fair blow, built to 10" on the first flow period. Weak blow, built to 3" on the second flow period. Recovered: 150' Muddy Water IFP/30" 63-50 psi, ISIP/45" 1161 psi, FFP/30" 50-78 psi, FSIP/45" 1160 psi

GEOLOGICAL TOPS

Formation	Sample Top	Datum	Comparison*
Heebner	3076'	-1266	-1
Toronto	3095'	-1285	-1
Douglas	3108'	-1298	-1
Brown Lime	3204'	-1394	flat
Lansing	3229'	-1419	flat
Base KC	3468'	-1658	-2
Viola	3496'	-1686	-1
Simpson	3526'	-1716	-1
Simpson Sand	3549'	-1739	-2
Arbuckle	3578'	-1768	-2

*Reference well: LaVeta Oil & Gas, #1 Hammeke, 1600' FNL / 1400' FEL, Section 12-22S-12W, Stafford County, Kansas

ROCK TYPES



OTHER SYMBOLS

