

OPERATOR  
 Dixon Operatin Company, LLC  
 8100 E 22nd St N  
 #300  
 Wichita, KS 67226

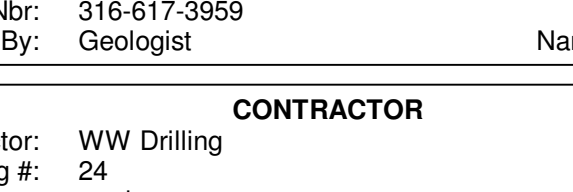
Contact Geologist: #18 Thomas Forsyth  
 Phone Nbr: 15-007-24343  
 Contact: Medicine Lodge North  
 Well Name: #18 Thomas Forsyth  
 Location: Section 29-32S-12W  
 Pool: Kansas  
 State: USA  
 API: 15-007-24343  
 Country: USA

Scale 1:240 Imperial

Well Name: #18 Thomas Forsyth  
 Surface Location: Section 29-32S-12W  
 Bottom Location: API: 15-007-24343  
 License Number: 15-007-24343  
 Spud Dates: 1/5/2019 Time: 3:00 PM  
 Region: Barber County  
 Drilling Completed: 1/16/2019 Time: 3:30 AM  
 Surface Coordinates: 4950' FSL & 660' FEL  
 Bottom Hole Coordinates:  
 Ground Elevation: 1603.00ft  
 K.B. Elevation: 1613.00ft To: 4820.00ft  
 Logged Interval: 3400.00ft  
 Total Depth: 4820.00ft  
 Formation:  
 Drilling Fluid Type: Chemical (MudCo)

SURFACE CO-ORDINATES

Well Type: Vertical  
 Longitude: 4950' FSL  
 N/S Co-ord: 660' FEL  
 E/W Co-ord:



Company: TerraTech Energy Service LLC.  
 Address: 1632 S. West St. Suite 12  
 Wichita, KS 67206  
 Phone Nbr: 316-617-3959  
 Logged By: Geologist Name: Bruce Reed

CONTRACTOR

Rig #: WW Drilling  
 Rig #24  
 Spud Date: 1/5/2019 Time: 3:00 PM  
 TD Date: 1/16/2019 Time: 3:30 AM  
 Rig Release: 1/17/2019 Time: 10:00 PM

ELEVATIONS

K.B. Elevation: 1613.00ft Ground Elevation: 1603.00ft  
 K.B. to Ground: 10.00ft

NOTES

Surface Casing: 8-5/8" at 308'  
 Production Casing: 5-1/2" at 4802'  
 Daily Penetration:  
 01/05/19 Spud @ 3:00 PM  
 01/06/19 310'  
 01/07/19 1023' Rotary table repairs  
 01/08/19 1425'  
 01/09/19 2084'  
 01/11/19 2552' Stuck  
 01/12/19 2900'  
 01/13/19 3581'  
 01/14/19 4130'  
 01/15/19 4530'  
 01/16/19 4820' RTD @ 3:30 AM  
 01/17/19 4820' Rig released @ 10:00 PM

FORMATION TOPS

Formation	Sample Top	Datum	Log Top	Datum	Comparison*
Heebner	3673'	-2060	3675'	-2062	+9
Lansing	3872'	-2259	3883'	-2270	-3
Stark	4246'	-2633	4248'	-2635	+2
Mississippian	4412'	-2799	4412'	-2799	+5
Kinderhook	4590'	-2977	4592'	-2979	+2
Woodford	4652'	-3039	4657'	-3044	+3
Viola	4688'	-3075	4692'	-3079	+4
Simpson	4799'	-3186	NL	NL	
Simpson Sand	4812'	-3199	NL	NL	

\*Graves Drilling Co., #10 Thomas Forsyth, Section 29-32S-12W, Barber County, Kansas

ROCK TYPES

Cht Dolprim Lmst fw7- shale, gry Carbon Sh Ss

ACCESSORIES

MINERAL  
 Dolomitic  
 Sandy  
 Chert White  
 Argillaceous/Shale

OTHER SYMBOLS

INTERVALS  
 Oil Show  
 Good Show  
 Fair Show  
 Poor Show  
 Spotted or Trace  
 Questionable Strn  
 Dead Oil Strn  
 Fluorescence  
 Gas  
 DST  
 DST Int  
 DST alt  
 Core  
 Tail pipe

