

OPERATOR
Dixon Operating Company, LLC
Address: 8100 E. 22nd st N #300
Wichita, KS 67226

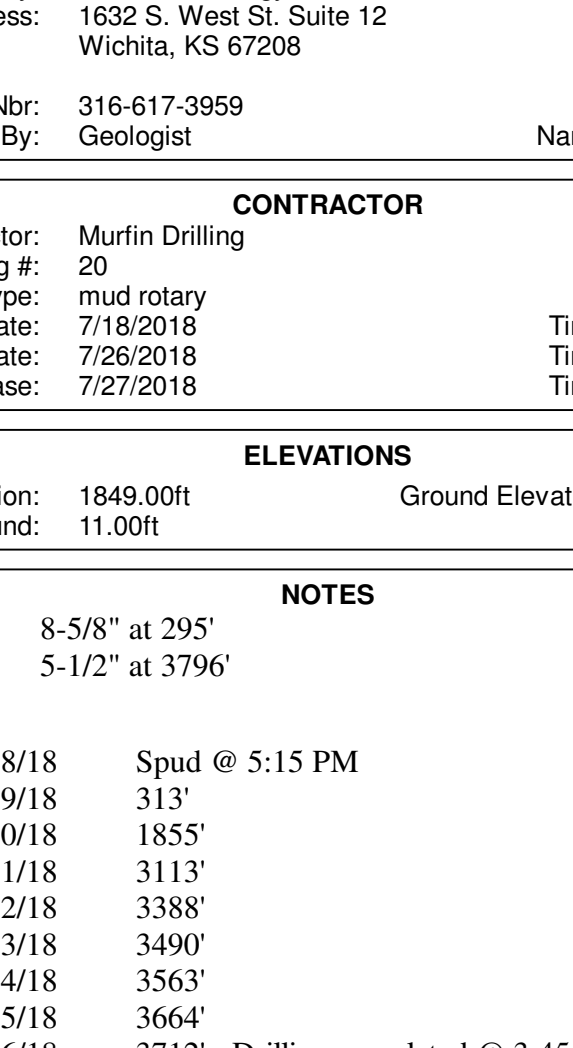
Contact Geologist:
Contact Phone Nbr:
Well Name:
Location:
Pool:
State:

#1-4 Edna Mae
Section 4-23S-12W
API: 15-185-24023
Field: Rattlesnake Creek
Country: USA

Scale 1:240 Imperial
Well Name: #1-4 Edna Mae
Surface Location: Section 4-23S-12W
Bottom Location: API: 15-185-24023
License Number: 7/18/2018
Spud Dates: Region: Stafford County Time: 5:15 PM
Drilling Completed: 7/26/2018 Time: 3:45 PM
Surface Coordinates: 990' FSL & 330' FEL
Bottom Hole Coordinates:
Ground Elevation: 1838.00ft
K.B. Elevation: 1849.00ft
Logged Interval: 2700.00ft To: 3800.00ft
Total Depth: 3800.00ft
Formation:
Drilling Fluid Type: Chemical (MudCo)

SURFACE CO-ORDINATES

Well Type: Vertical
Longitude: 990' FSL
Latitude: 330' FEL
E/W Co-ord:
N/S Co-ord:



Company: TerraTech Energy Service LLC.
Address: 1832 S. West St. Suite 12
Wichita, KS 67208
Phone Nbr: 316-617-3959
Logged By: Geologist Name: Bruce Reed

CONTRACTOR

Contractor: Murfin Drilling
Rig #: 20
Rig Type: mud rotary
Spud Date: 7/18/2018 Time: 5:15 PM
TD Date: 7/26/2018 Time: 3:45 PM
Rig Release: 7/27/2018 Time: 3:00 PM

ELEVATIONS

K.B. Elevation: 1849.00ft Ground Elevation: 1838.00ft
K.B. to Ground: 11.00ft

NOTES

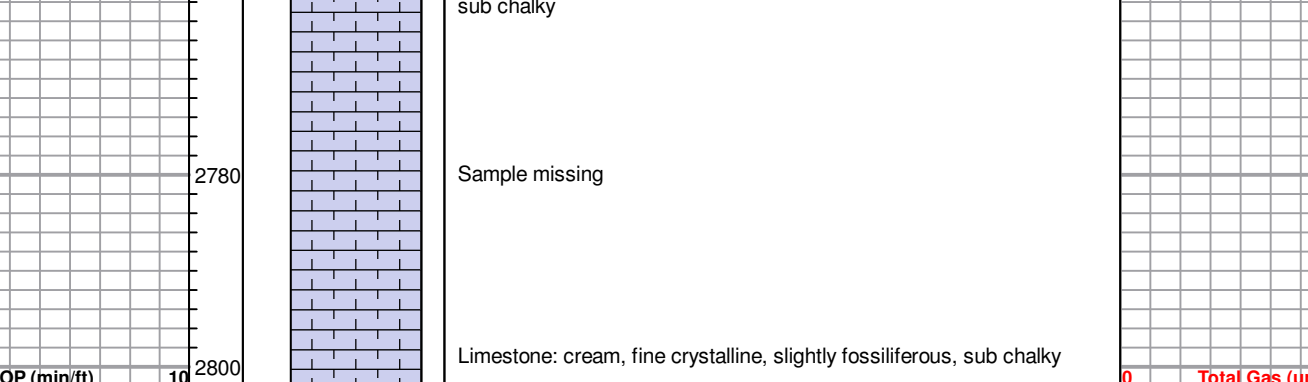
Surface Casing: 8-5/8" at 295'
Production Casing: 5-1/2" at 3796'
Daily Penetration: 07/18/18 Spud @ 5:15 PM
07/19/18 313'
07/20/18 1855'
07/21/18 3113'
07/22/18 3388'
07/23/18 3490'
07/24/18 3563'
07/25/18 3664'
07/26/18 3712' Drilling completed @ 3:45 PM
07/27/18 3800' Plug down @ 3:00 PM
DRILL STEM TESTS
DST #1 3310' to 3386' L/KC. Strong blow, BOB in 10 seconds, GTS in 3 minutes, spray fluid in 20 minutes during the initial flow period. Strong blow, BOB in 1 minute, spray fluid in 12 minutes during the second flow period. Gas was gauged at 727 Mcf/d and at 1,173 Mcf/d by the end of each flow period.
Recovered: 70' Clean Gassy Oil, 60' OMCW (30% oil, 60% water, 10% mud), 180' OMCW (10% oil, 80% water, 10% mud), 340' MCW (90% water, 10% mud).
IFP: 30" 30-29 psi, ISIP: 60" 1192 psi, FFP: 30" 333-569 psi, FSIP: 90" 1163 psi
DST #2 3432' to 3490' L/KC. Strong blow, BOB in 10 seconds, GTS in 1 minute during the initial flow period. Strong blow, BOB immediately during the second flow period. Gas was gauged at 1,592 Mcf/d and at 1,519 Mcf/d by the end of each flow period.
Recovered: 40' GOCM (10% gas, 10% oil, 80% mud), 100' GOCM (30% gas, 10% oil, 60% mud), 100' HGOCM (30% gas, 30% oil, 40% mud).
IFP: 30" 234-300 psi, ISIP: 60" 1135 psi, FFP: 60" 257-285 psi, FSIP: 90" 1126 psi
DST #3 3490' to 3554' L/KC. Strong blow, BOB in 30 seconds, GTS in 25 minutes, TSTM, during the initial flow period. Strong blow, BOB in 2 minutes, GTS in 5 minutes, TSTM, during the second flow period.
Recovered: 300' Clean Gassy Oil (30% gas, 70% oil), 200' GO (85% gas, 15% oil), 200' MO (50% oil, 50% mud).
IFP: 30" 76-149 psi, ISIP: 60" 1051 psi, FFP: 60" 154-251 psi, FSIP: 90" 966 psi
DST #4 3574' to 3616' Viola. Fair blow, BOB in 20 minutes during the initial flow period. Fair blow, BOB in 15 minutes during the second flow period.
Recovered: 300' GIP, 20' GOCM (10% gas, 10% oil, 80% mud).
IFP: 30" 38-29 psi, ISIP: 60" 130 psi, FFP: 60" 35-37 psi, FSIP: 90" 123 psi
DST #5 3616' to 3664' Viola. Fair blow, BOB in 19 minutes during the initial flow period. Fair blow, BOB in 20 minutes during the second flow period.
Recovered: 600' GIP, 20' GSOCM (100% gas, 2% oil, 88% mud), 60' GHOCM (10% gas, 35% oil, 55% mud).
IFP: 30" 234-34 psi, ISIP: 60" 396 psi, FFP: 60" 43-55 psi, FSIP: 90" 799 psi
DST #6 3705' to 3712' Arbuckle. Weak blow that built to 5-1/2 inches during the initial flow period. Weak blow that built to 3/4 inches during the second flow period.
Recovered: 10' OSM
IFP: 30" 31-20 psi, ISIP: 30" 37 psi, FFP: 30" 21-19 psi, FSIP: 30" 33 psi

FORMATION TOPS

Formation	Sample Top	Datum	Log Top	Datum	Comparison*
Heebner	3147'	-1298	3144'	-1295	+5
Brown Lime	3278'	-1429	3276'	-1427	+9
Lansing	3305'	-1456	3303'	-1454	+10
Stark	3496'	-1647	3492'	-1643	+7
Base KC	3549'	-1700	3547'	-1698	+7
Viola	3585'	-1736	3584'	-1735	+21
Simpson	3665'	-1816	3662'	-1813	+2
Arbuckle	3702'	-1853	3700'	-1851	+12

*Ben Richards, #1 R.B. Dale, SE SE Section 4-23S-12W, Stafford County, Kansas

ROCK TYPES



ACCESSORIES

MINERAL
Dolomitic
Chert White

OTHER SYMBOLS

Oil Show
Good Show
Fair Show
Poor Show
Spotted or Trace
Dead Oil Stn
Fluorescence
Gas
DST Int
DST alt
Core
Well pipe

