Quantum Geology LLC

API: 15-051-26459-00-00

OPERATOR: Quantum Geology LLC
ADDRESS: 1700 N. Waterfront Pkwy, Bldg. 300, Wichita, KS 67206
CONTACT PERSON: Kevin Kessler
PHONE: (316) 682-1537
CONTRACTOR: Duke Drilling Co., Inc.
SPUD DATE: 12/14/2021 DATE COMPLETED: 12/21/2021
TOTAL DEPTH: 3400 PLUG BACK TD:
COMMON: 3% CC, 2% Gel
SURFACE CASING: 8 5/8" @ 223' W/ 150 SX
PRODUCTION CASING:
DV TOOL:
PERFORATIONS:
ELEVATION: 1193 GL 1203 KB
LOCATION: 304' FSL & 1351' FEL
SEC. 1 TWP. 11S RGE. 17W
COUNTY: Ellis STATE: KS
FIELD: Bemis-Shutts
PRODUCING FORMATION:
TYPE COMPLETION:
PUMP OR FLOW:
DISPOSITION:

FORMATION	SAMPLE TOP	DATUM	LOG TOP	DATUM
Anhydrite	1124	+79	1122	+81
B/Anhydrite	1158	+45	1156	+47
Topeka	2990	-1787	2988	-1785
Heebner	3210	-2007	3208	-2005
Toronto	3230	-2027	3228	-2025
Lansing	3246	-2043	3244	-2041
Base KC	3480	-2277	3478	-2275
Arbuckle	3520	-2317	3518	-2315
RTD	3400			
LTD			3520	-2317

DST #1 3156 - 3196
30-60-30-60
FP: 19-22
SIP: 738-997
Recovery: 15' mud
ZF: Trace in 1st
ISI: No blow
FF: No blow
FSI: No blow

DST #2 3178 - 3206
15-60-90-60
FP: 20-72
SIP: 1088-999
Recovery: 10' mud w/ oil spots & 470' slightly oil cut mud
ZF: Built to 3/4"
ISI: No blow
FF: Weakened to blow back
FSI: No blow

DST #3 3242 - 3345
15-60-90-60
FP: 19-22
SIP: 738-997
Recovery: 15' mud
ZF: Built to 1/2in
ISI: No blow
FF: No blow
FSI: No blow

DST #4 3338 - 3395
15-60-90-60
FP: 139-198
SIP: 1126-1153
Recovery: 80' mud w/ oil specks
ZF: Built to 1in
ISI: No blow
FF: Built to 2in
FSI: No blow

WHITE KNIGHT DRILLING, LLC
LEASE: #1
RTD: 3400' LTD: 3520
GEL: 7-11-17W
ELLIS COUNTY, KANSAS