

LeBlanc GEOPHYSICAL REPORT
2849 North Sowerbrook Court
Wichita, Kansas 67226-8804
MOCRI #1-15
1320' TNL, 1580' FWL
320' KB

Geological Report
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Remarks: The Murni Drg. Co. Frisble B 1-15 was drilled as a WILCO on the North Beaver Prospect #3897 on 3D seismic in north Rawlins Co., KS

favorable structural position was encountered from the Amphylite to the top of Key Mississippi Unconformity. Six (6) DSTs were taken covering key members in the Lansing/Kansas City group. Oil was encountered in 5 of the 6 DSTs. This Lansing "P" zone is regarded the most significant RECOVERY with 1981 feet of OIL and GOOD GPP's. 5-1/2" production casing was run for further evaluation.

Formation Tops

Sample	Corrected	Electric	Subsea
Tops	Tops	Tops	Datums
Base Surface Casing	303	288	-161
T1/Anhydrite	300	302	-128
Topoka	3890	3956	-208
Creed	3982	3988	-821
Lansing	4097	4090	-313
Starb Shale	4274	4272	-1130
Mound City	4438	4422	-1299
Calhany	4370	4444	-1773
Mississippi	4703	4855	-1848
RTD LTD	4815	4817	-1670

Daily Penetration

Date	Depth	Number	Size	Name	Type	Depth	Feet	Hours
8-27-18	1525'	1	7/8"	HTC	Tool	303	303	2:34
8-28-18	1525'	2	7/8"	HTC	Tool	303	303	2:34
8-29-18	1525'	3	7/8"	HTC	Tool	4815	1168	6:17
8-30-18	1525'	3	7/8"	HTC	Tool	4815	1168	6:17

Bit Record

Number	Size	Name	Type	Depth	Feet	Hours
1	7/8"	HTC	Tool	303	303	2:34
2	7/8"	HTC	Tool	303	303	2:34
3	7/8"	HTC	Tool	4815	1168	6:17
4	7/8"	HTC	Tool	4815	1168	6:17

Formation Tops

Sample	Corrected	Electric	Subsea
Tops	Tops	Tops	Datums
Base Surface Casing	303	288	-161
T1/Anhydrite	300	302	-128
Topoka	3890	3956	-208
Creed	3982	3988	-821
Lansing	4097	4090	-313
Starb Shale	4274	4272	-1130
Mound City	4438	4422	-1299
Calhany	4370	4444	-1773
Mississippi	4703	4855	-1848
RTD LTD	4815	4817	-1670

Reference Well: Murni Drg. Co., Frisble B 1-15, 1320' TNL, 1580' FWL, 320' KB



FIELD First Look REPORT

MOCRI #1-15
660 FSL & 1610 FWL
Sec. 15-2S-R35W
3147' KB

MOCRI #1-14
1320' TNL, 1580' FWL
320' KB

Formation	Sample top	Datum	Ref	Log tops	Datum
B/Anhydrite	2983	+164	+4	3078	+158
Topoka	3020	-213	-4	3022	-721
Lansing	3972	-825	+6	3720	-831
Starb	4057	-910	+10	4122	-921
Mound City	4274	-1127	+11	4338	-1137
PI Scott	4219	-1172	+12	4335	-1154
Oakley	4438	-1291	+14	4505	-1305
Mississippi	4570	-1370	+13	4584	-1383
RTD	4703	-1556	+9	4795	-1585
LTD	4815	-1669	-	4855	-1654
LTD	4817	-1670	-	4856	-1655

Morgan Mud at 888 feet
WT: -. VIS: -
CHL: -. WL: -
LCM: -

Morgan Mud at 2100 feet
WT: -. VIS: -
CHL: -. WL: -
LCM: -

Morgan Mud at 3850'
WT: 8.8, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 4005'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 4180'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 4250'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 4300'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 4380'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 4490'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 4590'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 4690'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 4790'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 4890'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 4990'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 5090'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 5190'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 5290'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 5390'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 5490'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 5590'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 5690'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 5790'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 5890'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 5990'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 6090'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 6190'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 6290'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 6390'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 6490'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 6590'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 6690'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 6790'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 6890'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 6990'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 7090'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 7190'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 7290'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 7390'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 7490'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 7590'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 7690'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 7790'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 7890'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 7990'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 8090'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 8190'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 8290'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 8390'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 8490'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 8590'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 8690'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 8790'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 8890'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 8990'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 9090'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 9190'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 9290'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 9390'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 9490'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 9590'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 9690'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 9790'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 9890'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 9990'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 10090'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 10190'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 10290'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#

Morgan Mud at 10390'
WT: 8.5, VIS: 7
WL: 5.6, CHL: 700
LCM: 4#