County Holt

Owner Miller + Harper

sec. 33 T. 60 R. 37

Elev. 1104 MGS# 8529

Farm Eggar, Margaret No. 1 TD 2165 Shows dos Spls. ✓

Status _____ Date Completed 4-16-44 Fm@TD Hunton (Dev.)

Remarks:

00012

~~00009~~

Log of Miller and Harper No. 1 Margaret Eggar. Location: Cen. S 1/2 SW 1/4 SE 1/4 sec. 33, T. 60 N., R. 37 W., Holt County, Missouri. Elevation (of rotary table), 1104 feet. Commenced, 1-1-1944, and completed, 4-16-1944. Total depth, 2165 feet. Drilled with rotary tools. Casing record: 8 3/4 inch set at 93 feet. Contractor: B. & T. Drilling Company, Ltd.

FORMATIONAL SUMMARY

	Thickness, feet	*Depth, feet*
Pennsylvanian system:		
Shawnee group	330	330
Douglas group	230	360
Lansing-Kansas City groups	290	850
Pleasanton-Henrietta groups	190	1040
Cherokee group	695	1735
Mississippian system:		
Ste. Genevieve formation	45	1780
St. Louis formation	25	1805
Spergen formation	15	1820
Warsaw formation	35	1855
Keokuk-Burlington formations	135	1990
Chouteau formation (may include the Gilmore City formation (?) in the upper 45 feet)	70	2060
Kinderhook shale	62	2122
Devonian system:		
"Hunton" lime	43	2165, T.D.

DRILLER'S LOG

	Thickness, feet	*Depth, feet*
Surface clay	45	45
Clay, sandy	20	65
Lime and shells	60	125
Lime and shale	47	172
Shale and shells	73	245
Shale, shells and sand	120	365
Lime and shale	32	397
Shale, sandy	145	542
Lime	98	640
Lime and shale	165	805
Lime	8	813
Lime, sandy	10	823
Lime and shale	197	1020
Shale and shells	385	1405
Shale, sandy	71	1476
Sand (show oil)	3	1479
Sand, hard	6	1485
Shale	140	1625
Sandstone	45	1670
Shale, sandy	66	1736
Lime	244	1980
Lime and chert	75	2055
Lime and shale	25	2080
Shale	22	2102
Shale and lime	8	2110
Shale	12	2122
Lime "Hunton"	43	2165, T.D.

RECENT DRILLING

in

NORTHWESTERN MISSOURI

By

FRANK C. GREENE

REPORT OF INVESTIGATIONS NO. 1

1945

EDWARD L. CLARK, *Director and State Geologist*

MISSOURI GEOLOGICAL SURVEY AND
WATER RESOURCES

ROLLA, MISSOURI

1476-1479

27-F-30

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES - ROLLA, MO.

COUNTY Holt LOG NUMBER

COMPANY OR OWNER Miller & Harper et al

FARM Egger WELL NO. 1

LOCATION C SW SW SE SEC. 33 T. 60 R. 37

CONTRACTOR B. & T. Drilling Co Ltd

DRILLER TOOL DR.

COMMENCED 4/1/44 COMPLETED 4/16/44

PRODUCTION D & A PLOTTED

CASING RECORD 8 3/4 @93'

WATER RECORD

SOURCE OF LOG Drillers daily reports and sworn log

REMARKS

ELEV. Rot.T 1103 Gr. 1098

TOTAL DEPTH 2165

CHEM. ANAL. NO.

FORMATION	THICK.	DEPTH	FORMATION	THICK.	DEPTH
Clay	0	45	12" hole		
Sandy clay	45	65			
Lime shells	65	93			
Lime shells	93	125	7 7/8" hole		
Lime & shale	125	172			
Shale & shells	172	245			
Shale shells & sand	245	365			
Lime & shale	365	397			
Sandy shale	397	542	Straight hole test 500'	½°	
Lime	542	545	Top of Lansing 541		
Lime & shale	545	620			
Lime	620	640			
Lime	640	720			
Lime & shale	720	805			
Lime	805	813			
Lime sandy	813	823			
Lime & shale	823	891			
Shale	891	910			
Lime & shale	910	1030	Straight hole test 1000'	3/4°	
Shale & shells	1030	1405			
Shale sandy	1406	1476			
Sand(show of oil)	1476	1479			
Hard sand	1479	1485			
Shale	1485	1540	Straight hole test 1500'	½°	
Shale	1540	1625			

SD 4/3/44 for cement to set T.D drilled ahead of casing set while waiting for casing

1103
813
H + 29°

Sandstone	1625-1670	
Shale sandy	1670-1706	
Sand & shale	1706-1736	Top of Miss.1737
Lime	1736-1980	
Lime & ~~shale~~ chert	1980-2056	Straight hole test 2000' 3/4°
Lime & shale	2056-2080	Base Miss lime 2054
Shale	2080-2102	
Shale & lime	2102-2110	
Shale	2110-2111	
Hunton lime	2111-2122	Top of Hunton 2122
T.D. (Hunton)	2122-2165	

Cored 2111-2129
Shale 2111-22
Hunton 2122-29 Oil sat.22-24 17' recovery

Cored 2129-48(?)

Cored 2148-65(?)

1737
813
HM 924

1737
1103
ML - 634

2054
1737
ML 317

2054
1103
BM 951

2122
2054
K 68

2122
1103
TH - 1019

27-F-30

MISSCURI GEOLOGICAL SURVEY AND WATER RESOURCES - ROLLA, MO.

COUNTY Holt LOG NUMBER

COMPANY OR OWNER Miller - Harper

FARM Egger WELL NO. 1

LOCATION C SW SW SE SEC. 33 T. 60 R. 37

CONTRACTOR B. & T Drilling Co Ltd

DRILLER TOOL DR.

COMMENCED 4-1-44 COMPLETED 4-16-44

PRODUCTION PLOTTED

CASING RECORD 8 3/4" @ 93

WATER RECORD

SOURCE OF LOG Daily reports & sworn log

REMARKS

ELEV. RT 1103 Gr 1098

TOTAL DEPTH 2165

CHEM. ANAL. NO.

FORMATION	THICK.	DEPTH	FORMATION	THICK.	DEPTH
Surface clay		45	12" hole		
Sandy clay	45	65			
Lime & shells	65	125	7 7/8" hole		
Lime & shale	125	172			
Shale & shells	172	245			
Shale, shells & sand	245	365			
Lime & shale	365	397	Straight hole test	500'	1/2°
Sandy shale	397	542	Top of Lansing 541		
Lime	542	640			
Lime & shale	640	805			
Lime	805	813			
Lime (sandy)	813	823			
Lime & shale	823	1020	Straight hole test	1000'	3/4°
Shale & shells	1020	1405			
Shale & sandy	1405	1476			
Sand (show oil)	1476	1479			
Hard sand	1479	1485			
Shale	1485	1625	Straight hole test	1500'	1/2°

Sandstone	1625	1670	
Shale (sandy)	1670	1736	Top of Miss 1737
Lime	1736	1980	
Lime & chert	1980	2056	Straight hole test 2000' 3/4°
Lime & shale	2056	2080	
Shale	2080	2102	Base Miss Lime 2054
Shale & lime	2102	2110	
Shale	2110	2111	
Hunton Lime	2111	2122	Top of Hunton 2122
TD (Hunton)	2122	2161	

From Sworn Log of R S Tomer, manager of B & T Drilling Co Ltd 4-18-1944

Cored 2111-2129
Top Hunton 2122 or 2122-24

Cored 2129-48 ?

Cored 2447-65 ?

27-F-30

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES - ROLLA, MO.

COUNTY Holt LOG NUMBER

COMPANY OR OWNER Miller & Harper

FARM Eggar WELL NO. 1

LOCATION C SW SW SE SEC. 33 T. 60 R. 37

CONTRACTOR Tomer & Brown

DRILLER TOOL DR.

COMMENCED 4/1/44 COMPLETED

PRODUCTION PLOTTED

CASING RECORD

WATER RECORD

SOURCE OF LOG Rotary drillers daily reports ELEV. 1107

REMARKS TOTAL DEPTH drg

CHEM. ANAL. NO.

FORMATION	THICK.	DEPTH	FORMATION	THICK.	DEPTH
No log		397	Sand & shale	1706	1736
Sandy shale	397	542	Lime (Mississippian)	1736	1880
Lime (Top Lansing)	542	545	Drilling in Miss 2		
Lime & shale	545	620	4/11/44		
Lime	620	640			
Lime	640	720			
Lime & shale	720	805			
Lime (Base Bethany)	805	813			
Lime sandy	813	823			
Lime & shale	823	891			
Shale	891	910			
Lime & shale	910	1030			
Shale & shells	1030	1135			
Shale & shells	1135	1210			
Shale and shells	1210	1295			
Shale & shells	1295	1405			
Shale sandy	1405	1476			
Sand (show of oil)	1476	1479			
Hard sand	1479	1485			
Shale	1485	1540			
Shale	1540	1625			
Sandstone	1625	1670			
Shale sandy	1670	1706			

cc: fcg.

27-F-30

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES - ROLLA, MO.

COUNTY Holt LOG NUMBER 8529

COMPANY OR OWNER Miller-Harper

FARM Margaret Eggar WELL NO. 1

LOCATION Center SW SW SE SEC. 33 T. 60 R. 37W

CONTRACTOR ~~Tomer & Brown~~ Brown & Tomer

DRILLER do TOOL DR.

COMMENCED 4/1/44 COMPLETED 4/16/44

PRODUCTION PLOTTED Yes

CASING RECORD 8 3/4" surface set at 93'

WATER RECORD

SOURCE OF LOG 219 samples - driller's log

REMARKS

ELEV. 1104

TOTAL DEPTH 2165

CHEM. ANAL. NO.

FORMATION	THICK.	DEPTH	FORMATION	THICK.	DEPTH
Shawnee	330	330			
Douglas	230	560			
Kansas City - Lansing	290	850			
Henrietta - Pleasanton	190	1040			
Cherokee	695	1735			
Ste. Genevieve	45	1780			
St. Louis	25	1805			
Spergen	15	1820			
Warsaw	35	1855			
Burlington-Keokuk	135	1990			
Gilmore City	45	2035			
Chouteau	25	2060			
Kinderhook	62	2122			
Hunton	43	2165			

COPY

LOG OF WELL # 1 on Egger Lease in
Section 33, Township 60, Range 37
East in Holt County, Missouri.

Well Commenced . . . . . April 1, 1944
Well finished . . . . . April 16, 1944

NAME OF STRATA		TOTAL DEPTH	
Surface clay		45	
Sandy clay		65	
Lime and shells		125	
Lime and shale		172	
Shale and shells		245	
Shale, shells and sand		365	
Lime and shale		397	
Sandy shale	Straight hole test	542	Top of
Lime	500 feet. ½ degree	640	Lansing 541
Lime and shale		805	
Lime		813	
Lime (sandy)		823	
Lime and shale	Straight hole test	1020	
Shale and shells	1000 ft. 3/4 degree	1405	
Shale (sandy)		1476	
Sand (show oil)		1479	
Hard sand		1485	
Shale	Straight hole test	1625	
Sandstone	1500 ft. ½ degree	1670	
Shale (sandy)		1736	Top of
Lime		1980	Miss. 1737
Lime and chert	Straight hole test	2055	
Lime & shale	2000 ft. 3/4 degree	2080	Base of
Shale		2102	Miss. 2054
Shale and lime		2110	
Shale		2111	
Hunton lime		2122	Top of Hunton 2122
Total depth		2165	

STATE OF NEBRASKA)
) SS
COUNTY OF RICHARDSON)

R. S. Tomer, being first duly sworn, on oath states, that he is the manager of B. & T. Drilling Co. Ltd., and was in active charge of drilling the oil test well above described and that the above and foregoing log is a true and correct log of said well as compiled from the daily record made during the drilling of said well.

R. S. Tomer (signed)
Manager

Subscribed in my presence and sworn to before me this 18th day of April, 1944.

Archibald J. Weaver (signed)
Notary Public

My commission expires May 14, 1947.