

Geological Report

May Trust #1-30

848' FNL & 2126' FWL

Sec. 30 T2s R30w

Decatur County, Kansas



Three Forks Resources, LLC.

General Data

Well Data: Three Forks Resources, LLC.
May Trust #1-30
848' FNL & 2126' FWL
Sec. 30 T2s R30w
Decatur County, Kansas
API # 15-039-21243-0000

Drilling Contractor: WW Drilling, Inc. Rig #2

Geologist: Jason T Alm

Spud Date: September 20, 2017

Completion Date: September 30, 2017

Elevation: 2847' Ground Level
2852' Kelly Bushing

Directions: Oberlin KS, West 10 miles on Hwy 36. North 2
miles on 100 rd. West ¾ mile, south into location.

Casing: 260' 8 5/8" surface casing

Samples: 10' wet and dry, 3300' to RTD

Drilling Time: 3300' to RTD

Electric Logs: Pioneer Energy Services "Dan Schmidt"
CNL/CDL, DIL, MEL, BHCS

Drillstem Tests: Three, Diamond Testing, LLC. "Micheal Carroll"

Problems: None

Remarks: Deviation 2° @ 3885'.
Pipe Strap 2' short to board @ 3885'.

Formation Tops

	Three Forks Resources, LLC. May Trust #1-30 Sec. 30 T2s R30w 848' FNL & 2126' FWL
Formation	
Anhydrite	2648' +204
Base	2680' +172
Topeka	3629' -777
Oread	3814' -962
Heebner	3828' -976
Lansing	3868' -1016
BKC	4093' -1241
Cherokee	4248' -1396
Mississippian	4385' -1533
Simpson	4430' -1577
Arbuckle	4449' -1597
Reagon	4571' -1719
Granite Wash	4602' -1750
RTD	4630' -1778
LTD	4632' -1780

Sample Zone Descriptions

- Oread** **(3814', -962): Not Tested**
 Ls – Fine to sub-crystalline, oolitic in part with poor oolitic porosity, scattered tarry oil stain, no show of free oil, no odor, no fluorescents, light stream cut, no gas kick.
- LKC “A” zone** **(3868', -1016): Covered in DST #1**
 Ls – Fine crystalline, oolitic in part with scattered poor to fair oolitic and vuggy porosity, few pieces with scattered pinpoint inter-crystalline porosity, light to fair oil stain with light spotted saturation, show of free oil when broken, no odor, light yellow fluorescents, good cut, 7 units hotwire.
- LKC “B” zone** **(3896', -1044): Covered in DST #2**
 Ls – Fine crystalline, oolitic with fair oolitic and scattered pinpoint inter-crystalline porosity, light to fair oil stain with light to fair saturation, fair show of free oil when broken, no odor, light to fair yellow fluorescents, good cut, 25 units hotwire.

- LKC “C” zone (3950’, -1098): Covered in DST #3**
 Ls – Fine crystalline with pinpoint inter-crystalline and pinpoint vuggy porosity, light to fair oil stain with light to fair saturation, good show of free oil on cup, fair show of free oil on break, very light odor, light to good yellow fluorescents, good cut, 75 units hotwire.
- LKC “D” zone (3986’, -1134): Not Tested**
 Ls – Fine to sub-crystalline, oolitic in part with poor to very poor pinpoint vuggy porosity, light scattered tarry dead oil stain, no show of free oil, no odor, no fluorescents
- LKC “E” zone (4024’, -1172): Not Tested**
 Ls – Fine to sub-crystalline with poor pinpoint vuggy porosity, light spotted oil stain in part, tarry heavy dead oil, no show of free oil, no odor, no fluorescents, mostly dense, no gas kick.
- LKC “F” zone (4054’, -1202): Not Tested**
 Ls – Fine to sub-crystalline with scattered poor vuggy and pinpoint vuggy porosity, light spotted oil stain in porosity, slight show of free oil when broken, mostly dense, dull yellow fluorescents, fair cut, no odor, 18 units hotwire.

No oil shows were found below the Base of the Lansing-Kansas City Formation.

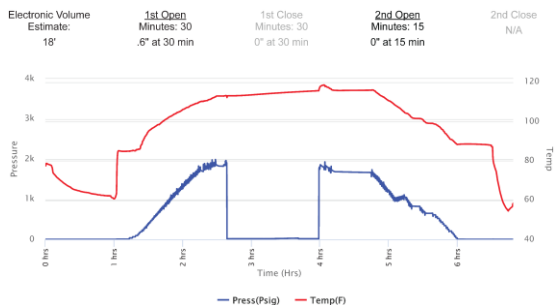
Drill Stem Tests

Diamond Testing, LLC.
"Micheal Carroll"

DST #1 LKC A zone

Interval (3826' – 3885') Anchor Length 59'

IHP	– 1825 #	
IFP	– 30" – Built to ½ in.	14-15 #
ISI	– 30" – Dead	31 #
FFP	– 15" – Dead	16-14 #
FHP	– 1813 #	
BHT	– 116°F	

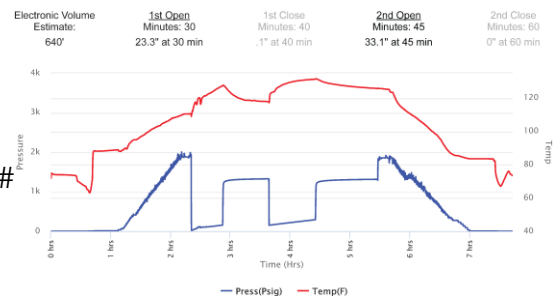


Recovery: 2' Mud 1% Oil in sampler

DST #2 LKC B zone

Interval (3875' – 3920') Anchor Length 45'

IHP	– 1881 #	
IFP	– 30" – B.O.B. 15 min.	21-156 #
ISI	– 45" – Dead	1318 #
FFP	– 45" – B.O.B. 17 min.	154-292 #
FSI	– 60" – Dead	1313 #
FHP	– 1858 #	
BHT	– 132°F	

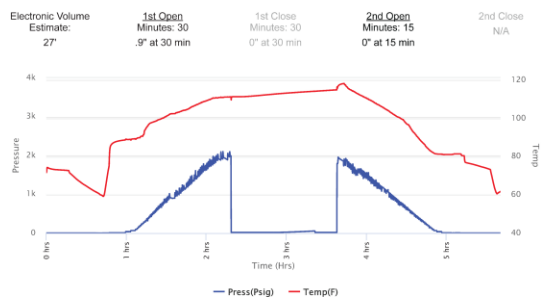


Recovery: 224' MW 55% Water
372' MW 88% Water

DST #3 LKC C zone

Interval (3915' – 3970') Anchor Length 55'

IHP	– 1908 #	
IFP	– 30" – Built to 1 in.	16-17 #
ISI	– 30" – Dead	55 #
FFP	– 15" – Dead	17-16 #
FHP	– 1891 #	
BHT	– 115°F	



Recovery: 5' Mud with few oil spots

Structural Comparison

	Three Forks Resources, LLC.	Suburban Propane & Gas		Spines Exploration, Inc.	
	May Trust #1-30	Harken #1		May #1	
	Sec. 30 T2s R30w	Sec. 18 T2s R30w		Sec. 31 T2s R30w	
Formation	848' FNL & 2126' FWL	SW SW NE		1320' FSL & 1980' FEL	
Anhydrite	2648' +204	2524' +202	(+2)	2705' +202	(+2)
Base	2680' +172	2555' +171	(+1)	NA	NA
Topeka	3629' -777	3504' -778	(+1)	NA	NA
Oread	3814' -962	3690' -964	(+2)	3890' -983	(+21)
Heebner	3828' -976	3705' -979	(+3)	3903' -996	(+20)
Lansing	3868' -1016	3744' -1018	(+2)	3952' -1045	(+29)
BKC	4093' -1241	3974' -1248	(+7)	4180' -1273	(+32)
Cherokee	4248' -1396	4124' -1398	(+2)	4340' -1433	(+37)
Mississippian	4385' -1533	4266' -1540	(+7)	4475' -1567	(+34)
Simpson	4430' -1577	Not Reached	NR	4505' -1598	(+21)
Arbuckle	4449' -1597	Not Reached	NR	4520' -1614	(+17)
Reagon	4571' -1719	Not Reached	NR	Not Reached	NR
Granite Wash	4602' -1750	Not Reached	NR	Not Reached	NR

Summary

The location for the May Trust #1-30 was found via 3-D seismic survey. The new well ran structurally slightly lower than expected via the survey. Three Drill Stem Tests were conducted, all of which were negative. All possible commercial oil shows were included in Drill Stem Tests. There were no oil shows below the Lansing-Kansas City Formation. After all gathered data had been examined the decision was made to plug and abandon the May Trust #1-30 well.

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.