

Twin Rivers Drilling

Box 192
Thayer, Kansas 66776
316-839-5235

DRILLER'S DAILY REPORT

NSCO-18004

Date June 27, 83		Tour Worked	
Operator Jen-Cris Oil		Contractor Twin Rivers Drilling	
Address		Address Thayer, Ks.	
Lease Moreland	Well # 1	County Montg.	State Ks.
		Legal 3-33-15E <i>NW NWSWNE</i>	

Formations	from	to	Formations	from	to
Lime (small shell layers)	0	60	Shale	449	458
Lime & Shale	60	80	Black Shale	458	459
Lime & Shale	80	140	Sand	459	460
Shale	140	185	Lime	460	471
Lime	185	189	Black Shale	471	472
Shale	189	215	Lime	472	477
Lime	215	229	Shale	477	485
Coal Layer	229	230	Lime	485	491
Shale	230	290	Sandy Shale	491	532
Lime	290	295	Sandy Shale	532	615
Shale	295	370	Pink Lime	615	635
Black Shale	370	375	Shale Lime	635	638
Shale	375	406	Shale	638	639
Lime	406	426	Lime	639	655
Sandy Shale	426	449	Shale	655	714

Total Footage Drilled	Total Footage Cored	Oswego	
Mud Used	Cement Used	<div style="border: 2px solid black; padding: 5px; font-weight: bold; font-size: 1.2em;">RELEASED</div>	
Bits Used, Size and Type			Date: AUG 1 1984
Rig Time Charged to Operator—Detail—			FROM CONFIDENTIAL

Total JTS Drill Pipe on Location	Total in Hole
Total Drill Collars on Location	Total in Hole
Cased—from	to
Size	Weight

Detail Accidents or Injuries—Remarks—Detail Repairs

Driller	Hrs.	Helper	Hrs.
Helper	Hrs.	Helper	Hrs.

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Date <u>June 27, 83</u>		Tour Worked	
Operator <u>Jen Cris Oil</u>		Contractor <u>Twin Rivers Drilling</u>	
Address		Address <u>Thayer, Ks.</u>	
Lease <u>Morland</u>	Well # <u>1</u>	County <u>Montg.</u>	State <u>Ks.</u> Legal

Formations	from	to	Formations	from	to
Oswego	714	746			
Shale Break	746	758			
Lime	758	779			
Blackshale	779	788			
Lime	788	795			
Shale	795	827			
2' Lime	827	829			
Sandy Shale	829	1027			
Sand Oil Smell	1027	1032			
Sand Oil	1032	1048			
Carbonation Sand	1048	1055			
Black Shale	1055	1062			
Grey & Black Shale	1062	1096			
TD	1096				

Total Footage Drilled	Total Footage Cored
Mud Used	Cement Used
Bits Used, Size and Type	<div style="border: 2px solid black; padding: 5px;"> <p>RELEASED</p> <p>Date: <u>AUG 1 1984</u></p> <p>FROM CONFIDENTIAL</p> </div>
Rig Time Charged to Operator—Detail—	

Feet of Drill Pipe on Location	Total in Hole
Total Drill Collars on Location	Total in Hole Footage
Cased—from to	Size Weight

Detail Accidents or Injuries—Remarks—Detail Repairs

Driller	Hrs	Helper	Hrs
Helper	Hrs	Helper	Hrs