

35-14-21E

CODY

# DRILLER'S LOG

Date 9/17/90		<del>XXXXXXXXXX</del> API # 15-091-22,223	
Operator Winzeler Oil Co.		Contractor Central Plains Drilling License # 3550	
Address 5100 N. Brookline-Suite 810 OKC 73112		Address 910 N. Poplar Ottawa, Ks. 66067	
Lease Dwyer	Well # E-12	County Johnson	State Ks
		Legal 35-14-21E	

Total	Formations	from	to	Total	Formations	from	to
18	Soil & clay	0	18	6	Shale	319	325
10	Lime	18	28	19	Lime	325	344
93	Shale	28	121	7	Shale- limey	344	351
29	Lime	121	150	9	Lime	351	360
7	Shale	150	157	14	Shale - limey	360	374
9	Lime	156	166	5	Lime	374	379
5	Shale	166	171	5	Shale	379	384
23	Lime	171	194	58	Limey shale	384	442
	Shale (sandy no odor of show)	194	209	8	Shale	442	450
	Shale	209	223	23	Lime	450	473
20	Lime	223	243	3	Shale	473	476
27	Shale	243	270	4	Lime	476	480
17	Lime	270	287	4	Shale	480	484
25	Shale	287	312	9	Lime Hertha (BKC)	484	493
7	Lime	312	319	172	Shale	493	665

Total Footage Drilled 960'	Total Footage Cored none
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Mud Used	<del>XXXXXXXXXX</del> Spud Date: 9/17/90 20' of 7" 5sx Portland
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Bits Used, Size and Type

Rig Time Charged to Operator—Detail—

Total JTS 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

Plugged well 9/21/90 15sx on bottom  
10sx at 500'  
350' to surface

RECEIVED  
STATE COMMISSION

Driller	Hrs	Helper	9 1990	Hrs.
Helper	Hrs	Helper		Hrs.

Wichita, Kansas

# DRILLER'S LOG

35-14-21E  
COPY

Date 9/17/90		Tour Worked			
Operator Winzeler Oil		Contractor			
Address		Address			
Lease Dwyer	Well # E-12	County	State	Legal	

Total	Formations	from	to	Formations	from	to
5	Lime	665	670			
4	Shale	670	674			
5	Lime	674	679			
6	Shale	679	685			
5	Lime	685	690			
17	Shale	690	707			
3	Lime	707	710			
4	Shale (black)	710	714			
6	Lime	714	720			
29	Shale	720	749			
2	Lime	749	751			
102	Shale	751	853			
3	Coal Verdigris	853	856			
3	Lime Ardmore	856	859			
101	Shale	859	960			

Total Footage Drilled	TD	960	Total Footage Cored
Mud Used	Cement Used		

Bits Used, Size and Type

Rig Time Charged to Operator—Detail—

Total JTS 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

RECEIVED  
STATE CORPORATION COMMISSION

Driller	Hrs.	Helper	UCI 9 1990	Hrs.
Helper	Hrs.	Helper	Wichita, Kansas	Hrs.