

**DAILY DRILLING REPORT**  
 43

CONTRACTOR *Sun Drilling Co Inc* DATE *8-26-85*

COMPANY *Loraine Cleaver* LEASE *Paul Bird* WELL NO. *#10* RIG NO.

DISTRICT *#3* COUNTY *Montgomery* STATE *Kansas* D. P. STRING NO. SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1	4	Soil				DM	
4	18	Red Clay				EM	
18	20	Shale				H	

SLOPE TEST: 20 - 24 ft. ACCIDENT: - (GIVE NAME) LIME  
 24 - 68 DEG. OFF SHALE

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.			WEIGHT			DRILLING			SIZE D. P.		
SIZE			VISC.			CORING			SIZE COLL.		
MAKE			WTR. LOSS-C.C.			OTHER			JTS. D. P.		FT.
SERIAL NO.			FILTER CAKE			REPAIRS			KELLY DOWN		FT.
DEPTH IN			PH.			TRIP			COLLARS		FT.
HOURS RUN			MTL. ADDED (REMARKS)						TOTAL		FT.

REMARKS: *Set 20 feet of 6 5/8 Cement with 6 sacks of Portland 1/2 sack of Calcium C 11:00 AM on 8-26-85*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
68	71	Sandy Shale				DM	
71	81	LIME				EM	
81	83	COAL				H	

SLOPE TEST: 83 - 102 ft. ACCIDENT: - (GIVE NAME) Sand  
 102 - 122 DEG. OFF Sandy Shale

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.			WEIGHT			DRILLING			SIZE D. P.		
SIZE			VISC.			CORING			SIZE COLL.		
MAKE			WTR. LOSS-C.C.			OTHER			JTS. D. P.		FT.
SERIAL NO.			FILTER CAKE			REPAIRS			KELLY DOWN		FT.
DEPTH IN			PH.			TRIP			COLLARS		FT.
HOURS RUN			MTL. ADDED (REMARKS)						TOTAL		FT.

REMARKS:

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
112	122	Shale				DM	
122	129	LIME				EM	
129	154	Sandy Lime				H	

SLOPE TEST: 154 - 175 ft. ACCIDENT: - (GIVE NAME) Shale  
 175 - 194 DEG. OFF LIME

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.			WEIGHT			DRILLING			SIZE D. P.		
SIZE			VISC.			CORING			SIZE COLL.		
MAKE			WTR. LOSS-C.C.			OTHER			JTS. D. P.		FT.
SERIAL NO.			FILTER CAKE			REPAIRS			KELLY DOWN		FT.
DEPTH IN			PH.			TRIP			COLLARS		FT.
HOURS RUN			MTL. ADDED (REMARKS)						TOTAL		FT.

REMARKS:

STATE CORPORATION COMMISSION

APPROVED

SEP - 5 1985

**DAILY DRILLING REPORT**  
43

CONTRACTOR: *SUN Drilling Co. Inc* DATE: *8-27-85*

COMPANY: *L. Cleaver* LEASE: *Paul Bird* WELL NO.: *#10* RIG NO.:  
 DISTRICT: COUNTY: *Montgomery* STATE: *KS* D. P. STRING NO.: SIZE:

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
194	242	Dark Shale w Line STR.				DM	
242	268	Sandy Shale				EM	
268	289	Line				H	
SLOPE TEST		ACCIDENT:— (GIVE NAME)				H	
<i>289 - 310 ft</i>		<i>Sandy Shale</i>					
<i>310 - 319 DEG. OFF</i>		<i>Line</i>					

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		VISC.		CORING		SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS:

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
319	324	Black Shale				DM	
324	337	Line				EM	
337	448	Sandy Shale				H	
SLOPE TEST		ACCIDENT:— (GIVE NAME)				H	
<i>448 - 474 ft</i>		<i>Shale</i>					
<i>474 - 496 DEG. OFF</i>		<i>LIME</i>					

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		VISC.		CORING		SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: *New Smith Gruner 5/8 OFS W27694 @ 487 feet @ 6:30 AM.*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
496	504	Dark Shale				DM	
504	552	Sandy Shale				EM	
552	584	Line				H	
SLOPE TEST		ACCIDENT:— (GIVE NAME)				H	
<i>584 - 588 ft</i>		<i>Black Shale</i>					
<i>588 - 610 ft</i>		<i>Line</i>					

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		VISC.		CORING		SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS:

**DAILY DRILLING REPORT**  
43

CONTRACTOR *Sun Drilling Co. Inc.* DATE *8-27-85*

COMPANY *Lorsine Cleaver* LEASE *Paul Bird* WELL NO. *10* RIG NO.

DISTRICT *#3* COUNTY *Montgomery* STATE *Kansas* D. F. STRING NO. SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
<i>610</i>	<i>618</i>	<del><i>Black Shale</i></del> <i>Black Shale</i>						
<i>618</i>	<i>626</i>	<i>Lime</i>					EM	
<i>626</i>	<i>664</i>	<i>Shale</i>					H	
SLOPE TEST		ACCIDENT: - (GIVE NAME)						
<i>664 - 667</i>		<i>2ft Lime</i>						H
DEG. OFF								DRLR

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.			WEIGHT			DRILLING			SIZE D. P.		
SIZE			VISC.			CORING			SIZE COLL.		
MAKE			WTR. LOSS-C.C.			OTHER			JTS. D. P.		FT.
SERIAL NO.			FILTER CAKE			REPAIRS			KELLY DOWN		FT.
DEPTH IN			PH.			TRIP			COLLARS		FT.
HOURS RUN			MTL. ADDED (REMARKS)						TOTAL		FT.

REMARKS:

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
<i>667</i>	<i>670</i>	<i>Black Shale</i>					DM	
<i>670</i>	<i>741</i>	<i>Shale</i>					EM	
<i>741</i>	<i>754</i>	<i>Sand &amp; Shale Very Lite color</i>					H	
SLOPE TEST		ACCIDENT: - (GIVE NAME)						
<i>754 - 770</i>		<i>Dark Shale</i>						H
<i>770 - 776</i>		<i>Hard Sand N/O</i>						DRLR

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.			WEIGHT			DRILLING			SIZE D. P.		
SIZE			VISC.			CORING			SIZE COLL.		
MAKE			WTR. LOSS-C.C.			OTHER			JTS. D. P.		FT.
SERIAL NO.			FILTER CAKE			REPAIRS			KELLY DOWN		FT.
DEPTH IN			PH.			TRIP			COLLARS		FT.
HOURS RUN			MTL. ADDED (REMARKS)						TOTAL		FT.

REMARKS: *Core I from top of 777 to top of 786 (full recovery)*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
<i>776</i>	<i>782</i>	<i>Sand good show of oil</i>					DM	
<i>782</i>	<i>827</i>	<i>Shale</i>					EM	
<i>T.D.</i>	<i>827</i>						H	
SLOPE TEST		ACCIDENT: - (GIVE NAME)						
<i>0</i> FT.								H
DEG. OFF								DRLR

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.			WEIGHT			DRILLING			SIZE D. P.		
SIZE			VISC.			CORING			SIZE COLL.		
MAKE			WTR. LOSS-C.C.			OTHER			JTS. D. P.		FT.
SERIAL NO.			FILTER CAKE			REPAIRS			KELLY DOWN		FT.
DEPTH IN			PH.			TRIP			COLLARS		FT.
HOURS RUN			MTL. ADDED (REMARKS)						TOTAL		FT.

REMARKS: *Ran 824 feet of 2 3/8 IRD upset pipe sealing nipple @ 770 feet*

STATE CORPORATION COMMISSION  
SEP - 5 1985