

DAILY DRILLING REPORT

CONTRACTOR <i>Sun Drilling Co. Inc.</i>		DATE <i>1-7-86</i>	
COMPLETION <i>Cleaver</i>		LEASE <i>Cleaver</i>	
DISTRICT <i>#3</i>		COUNTY <i>Allen</i>	
STATE <i>Kansas</i>		WELL NO. <i>7</i>	
		RIG NO.	
		D. P. STRING NO.	
		SIZE	

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRESS.		NAME	HRS.
0	1	Soil				DM	<i>Doug</i>	
1	8	Clay				EM	<i>C J</i>	
8	15	Lime				H	<i>Lyle</i>	
SLOPE TEST		ACCIDENT:- (GIVE NAME)				H	<i>Ind</i>	
15 - 105 m.		<i>Shale</i>						
105 - 118 DES. OFF		<i>Lime</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: *On 1-7-86 set 21 feet of 6 5/8 surface pipe cement 6 Portland 3 Col*
On 1-8-86 started up (very cool) St
Started with G 1/2 bits @ 11:30 AM

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRESS.		NAME	HRS.
118	135	Dark Shale				DM		
135	138	Lime				EM		
138	127	Shale				H		
SLOPE TEST		ACCIDENT:- (GIVE NAME)				H		
177 - 197 m.		<i>Lime or shale STR</i>						
197 - 218 DES. OFF		<i>White Sandy Lime</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: *CJ Left AT 200 AT Depth 246 1/2 LUNCH From 2:00 till 2:30*
DRILL from 20 to 565

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRESS.		NAME	HRS.
218	231	Lime				DM	<i>Doug</i>	
231	246	Shale				EM	<i>Lyle</i>	
246	254	Lime				H		
SLOPE TEST		ACCIDENT:- (GIVE NAME)				H		
254 - 264 m.		<i>Shale with Lime Str</i>						
264 - 287 DES. OFF		<i>Sandy Shale</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:

STATE CORPORATION COMMISSION

DAILY DRILLING REPORT

43		CONTRACTOR <i>Sun Drilling Co Inc</i>		DATE <i>1-8-86</i>	
COMPANY <i>L Cleaver</i>		LEASE <i>Cleaver</i>		WELL NO. <i>7</i>	RIS NO.
DISTRICT <i># 3</i>	COUNTY <i>Allen</i>	STATE <i>KANSAS</i>		D. P. STRING NO.	SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
287	299	Shale				DM		
299	311	Line w shale STR				EM		
311	331	Lime				H		
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H		
331	399	Sandy Lime						
399	402	Lime				DRLR		

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.			WEIGHT		DRILLING		SIZE D. P.	
SIZE			VISC.		CORING		SIZE COLL.	
NAME			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: *Trip out AT 395 Put on Re-TEP w/m 23 Back on bottom AT 6.45*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
402	405	Black Shale				DM	<i>Doug Lyle</i>	
405	412	Lime				EM		
412	415	Dark Shale				H		
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H		
415	424	Lime						
424	428	Dark Shale				DRLR		

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.			WEIGHT		DRILLING		SIZE D. P.	
SIZE			VISC.		CORING		SIZE COLL.	
NAME			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: *Drilled under surface to 565*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
428	431	Lime				DM		
431	596	Big Shale				EM		
596	600	Lime				H		
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H		
600	618	Shale w Lime st.						
618	624	Lime				DRLR		

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.			WEIGHT		DRILLING		SIZE D. P.	
SIZE			VISC.		CORING		SIZE COLL.	
NAME			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:

CONTRACTOR: *Sun Drilling Co. Inc.* DATE: *1-8-86*
COMPANY: *Lorain Cleaner* LEASE: *Cleaner* WELL NO.: *7*
DISTRICT: *# 3* COUNTY: *Allen* STATE: *Kansas* D. P. STRING NO.:
SIZE:

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
627	694	Sandy Shale				DM		
694	696	Lime				EM		
696	704	Shale				H		
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H		
704 - 712		Lime						
712 - 725		Sandy Shale				DRLE		

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: *Drill from 565 to 866*
Log @ 725 feet put on Smith Greiner 6 1/8 setip drilling @ 2:00AM 1-9-86

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
725	727	Lime				DM		
727	744	Shale				EM		
744	780	Lime 20ft.				H		
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H		
780 - 786		Black Shale						
786 - 790		Lime				DRLE		

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: *(freeze up control's down (have) Started Drill at 866.*
Checked oil in MUD Pump AT 8:45AM 1-9-86 ADD 1gal.
MIXED 10 SACKS GEL AT 1047 CHECKED OIL ON RES OK

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
790	973	Sandy Shale				DM	<i>Doug</i>	
973	974	Black Shale				EM	<i>Lytle</i>	
974	1015	Sandy Shale				H		
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H		
1015 - 1148		Dark 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: *trip bit AT 1061 Put on NEW VARBL 11672 Serviced Rig*
Replaced Bolt on U Joint BACK on Bottom AT 2.45

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CONTRACTOR
San Drilling Co. Inc.
DATE
1-9-86
COMPANY
Forains Cleaver
LEASE
Cleaver
WELL NO.
7
RIG NO.
7
DISTRICT
#3
COUNTY
Allen
STATE
Kansas
D.P. STRING NO.
7
SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1148	1160	Top Miss. Lime & chert				DM	
1160	1163	Break I very Lite show				EM	
1163	1164	Lime & chert				H	
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H	
11640-1171		Break II <i>good odor</i> very good Show of oil Brown dolomite & chert Perf. 1166 to 1171					
1171-1173		Lime chert					

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: *Bit trip @ 1175 put on used 5/8 button on bottom @ 8:00 PM.*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1173	1175	Break II very Lite show				DM	
1175	1183	Lime & chert				EM	
1183	1212	Break III <i>Sandy</i> Lime very Lite show & odor				H	
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H	
1212-1227		Lime					
DEG. OFF		<i>T.D. 1227</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: *Ran 1220.90 of 2 3/8 upset 8RD Pipe Seating nipple @ 1160.15*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM	
						EM	
						H	
SLOPE TEST		ACCIDENT:-- (GIVE NAME)				H	
0	FT.						
DEG. OFF							

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: