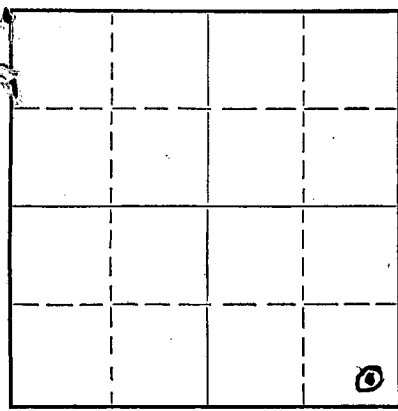


Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bittling Building
Wichita, Kansas

WELL PLUGGING RECORD

Saline SE*SE*SE County. Sec. 34 Twp. 15 Rge. 4 ~~W~~ W (W)
Location as "NE/CNW $\frac{1}{4}$ /SW $\frac{1}{4}$ " or footage from lines
Lease Owner NORTHWESTERN DRILLING CO., INC.
Lease Name Carlson Well No. 1
Office Address Box 314 Salina, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry
Date well completed June 6 1951
Application for plugging filed June 7 1951
Application for plugging approved By telephone 19
Plugging commenced June 8 1951
Plugging completed June 8 1951
Reason for abandonment of well or producing formation Dry



Locate well correctly on above Section Plat

If a producing well is abandoned, date of last production 19
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well none
Producing formation none Depth to top Bottom Total Depth of Well 3607 Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled Out
Surface Casing				8 5/8	329	none

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

Halliburton plug set at 190 feet and hulls on top of plug in sack and pushed in by drill pipe. 15 sacks of cement mixed in barrel, poured through drill pipe. Plugged at 40 feet from top and 10 sacks of cement on top of plug.

RECEIVED
STATE CORPORATION COMMISSION
8-3-51
AUG 3 1951
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)

Correspondence regarding this well should be addressed to

Address

STATE OF Kansas, COUNTY OF Saline Sedgwick, ss.

(employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God

(Signature) Robert B. Basha, INC.

BOX 314 SALINA, KANSAS

(Address)

SUBSCRIBED AND SWORN to before me this 3rd day of August 1951

Seward S. Greider
Notary Public.



My Commission Expires Jan. 31, 1953

PLUGGING
FILE SEC. 34-15-R-42
BOOK PAGE 86 LINE 39

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.

1010 NORTH MAPLE HUTCHINSON, KANSAS

For 24 hours ending at midnight 5-20, 1957 Rig No. _____

Well Owner N.W. Dwyer Co. Lease Carlson Well No. 1

Sec. _____ Twp. _____ Rge. _____ County Saline State _____

If injured, sign and describe injury under remarks. We have not been injured this day.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
				<u>Art Pollock</u>
				HELPER <u>Clinton Christie</u>
				HELPER <u>Dick Bullen</u>
				HELPER <u>H.M. Stansbury</u>
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		2:00 A. M.			Hours Coring
Size		Size and Make		4:00 A. M.			Hours Coring
Make		Serial No.		6:00 A. M.			Hours Reaming
Serial No.		Serial No.		8:00 A. M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: _____ #BOTTOMED AT: _____ CEMENT USED: _____ DEFLECTION SURVEY: _____ Degrees Off. _____

REMARKS: Letting in Rig + Pumping up

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
				<u>J.F. Brown</u>
				HELPER <u>Wayne Nelson</u>
				HELPER <u>Dick Kendall</u>
				HELPER <u>W.L. Miller</u>
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		10:00 A. M.			Hours Coring
Size		Size and Make		12:00 M.			Hours Coring
Make		Serial No.		2:00 P. M.			Hours Reaming
Serial No.		Serial No.		4:00 P. M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: _____ BOTTOMED AT: _____ CEMENT USED: _____ DEFLECTION SURVEY: _____ Degrees Off. _____

REMARKS: pull in Rig up

PLUGGING
FILE SEC 39T15R40
86 39

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
				<u>Gon Paulson</u>
				HELPER <u>Lack Vogt</u>
				HELPER <u>John Vogt</u>
				HELPER <u>Valerian F. Fugler</u>
				HELPER

all this crew
16 HRS

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		6:00 P. M.			Hours Coring
Size		Size and Make		8:00 P. M.			Hours Coring
Make		Serial No.		10:00 P. M.			Hours Reaming
Serial No.		Serial No.		12:00 M.			Hours Day Work
Serial No.		Hard or Soft		Material Added: <u>Oil 1957</u>			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: _____ BOTTOMED AT: _____ CEMENT USED: _____ DEFLECTION SURVEY: _____ Degrees Off. _____

REMARKS: Moved in Pipe and
double over and start

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.

1010 NORTH MAPLE HUTCHINSON, KANSAS

For 24 hours ending at midnight 5-21-51 1951 Rig No. 1

Well Owner Northwestern Drilling Co. Lease Carlson Well No. 1

Sec. Twp. Rge. County Saline State Kansas

If injured, sign and describe injury under remarks.

We have not been injured this day.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
				<u>Art Ahlstedt</u>
				<u>HELPER</u> <u>Clayton Chmieleff</u>
				<u>HELPER</u> <u>Dale Buller</u>
				<u>HELPER</u> <u>H.M. Stambauer</u>
				<u>HELPER</u>

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		2:00 A. M.			Hours Coring
Size		Size and Make		4:00 A. M.			Hours Coring
Make		Serial No.		6:00 A. M.			Hours Reaming
Serial No.		Serial No.		8:00 A. M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: Running up

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
				<u>J.F. Brown 16 hrs</u>
				<u>HELPER</u> <u>Wagner Nelson 8</u>
				<u>HELPER</u> <u>Dick Kendall 16 hrs</u>
				<u>HELPER</u> <u>W.S. Miller 16 hrs</u>
				<u>HELPER</u>

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		10:00 A. M.			Hours Coring
Size		Size and Make		12:00 M.			Hours Coring
Make		Serial No.		2:00 P. M.			Hours Reaming
Serial No.		Serial No.		4:00 P. M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: 8 hrs Digging Rat hole

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
<u>0</u>	<u>170</u>			<u>Don Paden</u>
				<u>HELPER</u> <u>Dick Kendall</u>
				<u>HELPER</u> <u>W.S. Miller</u>
				<u>HELPER</u> <u>H.M. Stambauer</u>
				<u>HELPER</u>

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		6:00 P. M.			Hours Coring
Size		Size and Make		8:00 P. M.			Hours Coring
Make		Serial No.		10:00 P. M.			Hours Reaming
Serial No.		Serial No.		12:00 M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: Mixing mud 41 sacks MAG & sacks
balls made 170 ft of surface hole

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.

1010 NORTH MAPLE HUTCHINSON, KANSAS

For 24 hours ending at midnight 5-22-51, 1951 Rig No. 1

Well Owner Northwestern Drilling Lease (Wilson) Well No. 1

Sec. Twp. Rge. County Saline State Kans

If injured, sign and describe injury under remarks.

We have not been injured this day.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
170	280		shale + shells	Art Ahlstedt 8
280	290		shale	Charter Christy 8
				Dale Buller 8
				H.M. Stansbury 8
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	<u>Thrush</u>	Core No.		2:00 A. M.			7
Size	<u>12 1/4</u>	Size and Make		4:00 A. M.			
Make	<u>BSR</u>	Serial No.		6:00 A. M.			
Serial No.		Serial No.		8:00 A. M.			
Serial No.		Hard or Soft		Material Added:			
		New or Rep.					Hours Lost Misc. <u>1</u>

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: Particulars given on log reviewed.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
290	330		shale + shells	J.F. Brown 200HR
				Wayne Nelson 1 Hr
				Dick Kendall 1 Hr
				W.L. Miller 8 hrs
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		10:00 A. M.			
Size		Size and Make		12:00 M.			
Make		Serial No.		2:00 P. M.			
Serial No.		Serial No.		4:00 P. M.			
Serial No.		Hard or Soft		Material Added:			
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: waited on surface 4 1/2 hrs, back up hole and drilling @ 1 P.M.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
				Don Padgett 8
				W.G. Miller 8
				V.M. Burr 8
				A.V. Clwing 8
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		6:00 P. M.			
Size		Size and Make		8:00 P. M.			
Make		Serial No.		10:00 P. M.			
Serial No.		Serial No.		12:00 M.			
Serial No.		Hard or Soft		Material Added:			
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: Run 33 of 8 1/2" used surface pipe set at 379 ft Plug down at 8:30 with 250 sacks of cement. Cement Core.

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.

1010 NORTH MAPLE HUTCHINSON, KANSAS

For 24 hours ending at midnight 5-23-51, 19 51 Rig No. 1

Well Owner Northwestern Oil Co Lease Carlson #1 Well No. 1

Sec. 1 Twp. 1 Rge. 1 County Saline State Kansas

If injured, sign and describe injury under remarks.

We have not been injured this day.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
				<u>Art Alstead</u>
				HELPER <u>Chauncey Christies</u>
				HELPER <u>W. L. Rucker</u>
				HELPER <u>H. W. Starobinski</u>
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		2:00 A. M.			Hours Coring
Size		Size and Make		4:00 A. M.			Hours Coring
Make		Serial No.		6:00 A. M.			Hours Reaming
Serial No.		Serial No.		8:00 A. M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: W.O.C. BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS:

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
<u>330</u>				<u>J. F. Brown</u>
				HELPER <u>Wayne Nelson</u>
				HELPER <u>Dick Kendall</u>
				HELPER <u>W. L. Miller</u>
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		10:00 A. M.			Hours Coring
Size		Size and Make		12:00 M.			Hours Coring
Make		Serial No.		2:00 P. M.			Hours Reaming
Serial No.		Serial No.		4:00 P. M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: W.O.C. BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS:

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
			<u>8 hr</u>	<u>Don Paden</u>
				HELPER <u>V. M. Kewer</u>
				HELPER <u>A. V. Clwing</u>
				HELPER
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		6:00 P. M.			Hours Coring
Size		Size and Make		8:00 P. M.			Hours Coring
Make		Serial No.		10:00 P. M.			Hours Reaming
Serial No.		Serial No.		12:00 M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: W.O.C. BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS:

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.

1010 NORTH MAPLE HUTCHINSON, KANSAS

For 24 hours ending at midnight

5-24-51

19 Rig No. 1

Well Owner: *Northwestern Drill Co* Lease *Carlson*

Well No. 1

Sec. Twp. Rge. County *Linn*

State *Kans*

If injured, sign and describe injury under remarks.

We have not been injured this day.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
				<i>Art Ahlstedt</i>
				HELPER <i>Clayton Chrislip</i>
				HELPER <i>Dale Baller</i>
				HELPER <i>H.M. Stansbury</i>
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		2:00 A. M.			Hours Coring
Size		Size and Make		4:00 A. M.			Hours Coring
Make		Serial No.		6:00 A. M.			Hours Reaming
Serial No.		Serial No.		8:00 A. M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: *W.O.C. Went in hole with D.W.S. Hughes bit 1, no 69777. Hit plug at about 270'*

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
				<i>J.F. Brown</i>
				HELPER <i>Wayne Nelson</i>
				HELPER <i>Dick Kendall</i>
				HELPER <i>W.L. Miller</i>
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		10:00 A. M.			Hours Coring
Size		Size and Make		12:00 M.			Hours Coring
Make		Serial No.		2:00 P. M.			Hours Reaming
Serial No.		Serial No.		4:00 P. M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: *W.O.C. work on pumps*

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
<i>330</i>	<i>340</i>		<i>Underneath shale</i>	<i>Don Paden</i>
				HELPER <i>W.L. Miller</i>
				HELPER <i>V.M. Burr</i>
				HELPER <i>A.V. Elving</i>
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	<i>#1</i>	Core No.		6:00 P. M.			Hours Coring
Size	<i>7 7/8</i>	Size and Make		8:00 P. M.			Hours Coring
Make	<i>Hugh DWS</i>	Serial No.		10:00 P. M.			Hours Reaming
Serial No.	<i>69777</i>	Serial No.		12:00 M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: *Work on pumps & filled plug @ 8:05 60 ft of cement in pipe. Total Bottom Plug 930*

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.
1010 NORTH MAPLE HUTCHINSON, KANSAS

For 24 hours ending at midnight 5-25-51, 19 51 Rig No. 1

Well Owner Northwestern Drillers Lease Carlson Well No. 1

Sec. Twp. Rge. County Saline State Kans

If injured, sign and describe injury under remarks.

We have not been injured this day.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
390	540		Shale & Shells	Art Ahlstedt
				HELPER: Clayton Christian
				HELPER: Dale Beilers
				HELPER: H.M. Standbury
				HELPER:

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		2:00 A. M.			7 1/2
Size		Size and Make		4:00 A. M.			Hours Coring
Make		Serial No.		6:00 A. M.			Hours Coring
Serial No.		Serial No.		8:00 A. M.			Hours Reaming
Serial No.		Hard or Soft		Material Added:			Hours Day Work
		New or Rep.					Hours Repairs
							Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS:

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
540	740		Shale & Shells	J.F. Brown
				HELPER: Wayne Nelson
				HELPER: Dick Kendall
				HELPER: W.L. Miller
				HELPER:

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	1	Core No.		10:00 A. M.			7
Size	7 1/8	Size and Make		12:00 M.			Hours Coring
Make	DWS	Serial No.		2:00 P. M.			Hours Coring
Serial No.	64777	Serial No.		4:00 P. M.			Hours Reaming
Serial No.		Hard or Soft		Material Added:			Hours Day Work
		New or Rep.					Hours Repairs
							Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: 1. Run making of cements for pump

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
740	845		Shale - shale	Don Padens
				HELPER: Alvin F. Keifer
				HELPER: V.M. Burr
				HELPER: A.V. Elving
				HELPER:

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	1	Core No.		6:00 P. M.			6 1/2
Size	7 1/8	Size and Make		8:00 P. M.			Hours Coring
Make	Hughes	Serial No.		10:00 P. M.			Hours Coring
Serial No.	64777	Serial No.		12:00 M.			Hours Reaming
Serial No.		Hard or Soft		Material Added:			Hours Day Work
		New or Rep.					Hours Repairs
							Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: Get pits & 7 inch spiral connection coming out of hole 100' near bit 845' bit #1 made 565 ft in 2 1/2 hr

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.

1010 NORTH MAPLE HUTCHINSON, KANSAS

For 24 hours ending at midnight 5-26-57, 19 Rig No. 1
 Well Owner Dutton Drilling Co Lease Carlson Well No. 1
 Sec. Twp. Rge. County Saline State Kansas
 If injured, sign and describe injury under remarks. We have not been injured this day.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
895	1060		shale	Art Ahlstedt
				HELPER Clayton Christy
				HELPER Dale Bullen
				HELPER W.M. Stanbury
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	2	Core No.		2:00 A. M.			7
Size	7 7/8	Size and Make		4:00 A. M.			Hours Coring
Make	OBS	Serial No.		6:00 A. M.			Hours Coring
Serial No.	92216	Serial No.		8:00 A. M.			Hours Reaming
Serial No.		Hard or Soft		Material Added:			Hours Day Work
		New or Rep.					Hours Repairs
							Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.
 REMARKS: Went in hole with bit 2 Hughes O.S.C. No 92216
O.B. 12 A.M.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
1000	1330		shale	T.F. Brown
				HELPER Wayne Nelson
				HELPER Dick Kendall
				HELPER W.L. Miller
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	2	Core No.		10:00 A. M.			6 1/2
Size	H. OSC	Size and Make		12:00 M.			Hours Coring
Make		Serial No.		2:00 P. M.			Hours Coring
Serial No.	92216	Serial No.		4:00 P. M.			Hours Reaming
Serial No.		Hard or Soft		Material Added:			Hours Day Work
		New or Rep.					Hours Repairs
							Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.
 REMARKS: Get pipe & run in hole in motor 1, put
new bit on motor with 2

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
1330	1615		shale & shella	Tom Padon
				HELPER Alvin F. Fleifer
				HELPER V.M. Burris
				HELPER A.V. Elving
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	2	Core No.		6:00 P. M.			7 1/2
Size	7 7/8	Size and Make		8:00 P. M.			Hours Coring
Make	H. OSC	Serial No.		10:00 P. M.			Hours Coring
Serial No.	92216	Serial No.		12:00 M.			Hours Reaming
Serial No.		Hard or Soft		Material Added:			Hours Day Work
		New or Rep.					Hours Repairs
							Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.
 REMARKS:

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.

1010 NORTH MAPLE HUTCHINSON, KANSAS

For 24 hours ending at midnight 5-27-51, 19 51 Rig No. 1

Well Owner Northwestern Drillers Lease Carlson Well No. 1

Sec. Twp. Rge. County Sakine State Kansas

If injured, sign and describe injury under remarks.

We have not been injured this day.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
1615	1825		Shale & Limestone	Art. Whatelet
				HELPER: Clayton Christlip
				HELPER: Dale Bullard
				HELPER: H.M. Lanning
				HELPER:

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	2	Core No.		2:00 A. M.			7
Size		Size and Make		4:00 A. M.			Hours Coring
Make	Hugh OSC	Serial No.		6:00 A. M.			Hours Reaming
Serial No.	92216	Serial No.		8:00 A. M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: Drilled bit 2, bit made 130 ft in 28 hrs.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
1825	1925		LIME	J.F. Brown
				HELPER: Wayne Nelson
				HELPER: Dick Kendall
				HELPER: W.L. Miller
				HELPER:

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	3	Core No.		10:00 A. M.			6
Size	7 7/8	Size and Make		12:00 M.			Hours Coring
Make	OSG	Serial No.		2:00 P. M.			Hours Reaming
Serial No.	1717	Serial No.		4:00 P. M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: Line bit 23 in. hole & B. 7 1/2 in. repair water line on brake & in. tighten fly wheel on pump

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
1925	2060		lime & shale	Dow Paden
				HELPER: Alvin F. Klefer
				HELPER: V.M. Lurr
				HELPER: A.V. Elwing
				HELPER:

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	3	Core No.		6:00 P. M.			1 1/2
Size	7 7/8	Size and Make		8:00 P. M.			Hours Coring
Make	H OSG	Serial No.		10:00 P. M.			Hours Reaming
Serial No.	1717	Serial No.		12:00 M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: got pits

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.

1010 NORTH MAPLE HUTCHINSON, KANSAS

For 24 hours ending at midnight 5-29-57, 19 57 Rig No. 1

Well Owner Northwestern Drilling Lease Carlson #1 Well No. 1

Sec. Twp. Rge. County Saline State Kans

If injured, sign and describe injury under remarks.

We have not been injured this day.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
2360	2400		Shale	Art Ahlstedt
2410	2485		Broken shale & lime	HELPER Chauston Christy
				HELPER Walt Buller
				HELPER Wm. Stansbury
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	4	Core No.		2:00 A. M.			7 1/2
Size	7 3/4	Size and Make		4:00 A. M.			Hours Coring
Make	H. OSG	Serial No.		6:00 A. M.			Hours Coring
Serial No.	1721	Serial No.		8:00 A. M.			Hours Reaming
Serial No.		Hard or Soft		Material Added:			Hours Day Work
		New or Rep.					Hours Repairs
							Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: check mud motor + pump ring

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
2480	2550		lime & shale	J.F. Brown
				HELPER Wayne Nelson
				HELPER Dick Kendall
				HELPER Alvin Pfeifer
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	4	Core No.		10:00 A. M.			Hours Coring
Size	7 3/4	Size and Make		12:00 M.			Hours Coring
Make	H. OSG	Serial No.		2:00 P. M.			Hours Coring
Serial No.	1721	Serial No.		4:00 P. M.			Hours Reaming
Serial No.		Hard or Soft		Material Added:			Hours Day Work
		New or Rep.					Hours Repairs
							Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS:

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
2550	2610		lime & shale	Don Padon
				HELPER Alvin F Pfeifer
				HELPER V M Burr
				HELPER A V Elving
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	5	Core No.		6:00 P. M.			5
Size	7 3/4	Size and Make		8:00 P. M.			Hours Coring
Make	H. OWS	Serial No.		10:00 P. M.			Hours Coring
Serial No.	28436	Serial No.		12:00 M			Hours Reaming
Serial No.		Hard or Soft		Material Added:			Hours Day Work
		New or Rep.					Hours Repairs
							Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: GOING in hole with bit #5 down to br on water line on Ropes. Hit bridge in hole @ 7 stands came back out to release bit.

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.

1010 NORTH MAPLE HUTCHINSON, KANSAS

For 24 hours ending at midnight 5-28-51, 1951 Rig No. 1
 Well Owner Northwestern Drill Co Lease Carlson Well No. 1
 Sec. _____ Twp. _____ Rge. _____ County Saline State Kans
 If injured, sign and describe injury under remarks. We have not been injured this day.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
2060	2165		Shale & Lime	Art Ahlstedt
				HELPER Clayton Christie
				HELPER Dale Bulker
				HELPER H.M. Stansbury
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	3	Core No.		2:00 A. M.			7 1/2
Size	7 1/2"	Size and Make		4:00 A. M.			
Make	Wing 05 1/2"	Serial No.		6:00 A. M.			
Serial No.	1717	Serial No.		8:00 A. M.			
Serial No.		Hard or Soft		Material Added:			
		New or Rep.					Hours Lost Misc. 1/2

CASING RECORD: SIZE: _____ BOTTOMED AT: _____ CEMENT USED: _____ DEFLECTION SURVEY: _____ Degrees Off. _____
 REMARKS: _____

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
2165	2250		Lime & Shale	J.F. Brown
				HELPER Raymond Nelson
				HELPER Dick Kendall
				HELPER Alvin Pfeifer
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	3	Core No.		10:00 A. M.			6 1/2
Size	7 1/2"	Size and Make		12:00 M.			
Make	159	Serial No.		2:00 P. M.			
Serial No.	1717	Serial No.		4:00 P. M.			
Serial No.		Hard or Soft		Material Added:			
		New or Rep.					Hours Lost Misc. 1/2

CASING RECORD: SIZE: _____ BOTTOMED AT: _____ CEMENT USED: _____ DEFLECTION SURVEY: _____ Degrees Off. _____
 REMARKS: Pull bit #3 @ 2250 made 125 ft Run 28 hrs.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
2250	2360		Lime & Shale	Don Padon
				HELPER Alvin F Pfeifer
				HELPER V.M. Brown
				HELPER A.V. Elving
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	4	Core No.		6:00 P. M.			6 1/2
Size	7 1/2"	Size and Make		8:00 P. M.			
Make	HO 3 1/2"	Serial No.		10:00 P. M.			
Serial No.	1721	Serial No.		12:00 M			
Serial No.		Hard or Soft		Material Added:			
		New or Rep.					Hours Lost Misc. 1/2

CASING RECORD: SIZE: _____ BOTTOMED AT: _____ CEMENT USED: _____ DEFLECTION SURVEY: _____ Degrees Off. _____
 REMARKS: Going in hole with Bit #3 OK. 4:50 PM
 Get 7 1/2"

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.

1010 NORTH MAPLE HUTCHINSON, KANSAS

For 24 hours ending at midnight 5-30-51 19 Rig No. 1

Well Owner Northwestern Drilling Co Lease Carlson Well No. 1

Sec. Twp. Rge. County Saline State Kans

If injured, sign and describe injury under remarks.

We have not been injured this day.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
2610	2680		lime & shale	Art G. Stedt
				HELPER Clayton Christy
				HELPER Dale Buller
				HELPER H.M. Stansbury
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	5	Core No.		2:00 A. M.			
Size	7 3/4	Size and Make		4:00 A. M.			
Make	H O W S	Serial No.		6:00 A. M.			
Serial No.	28436	Serial No.		8:00 A. M.			
Serial No.		Hard or Soft		Material Added:			
		New or Rep.					
							Hours Coring
							Hours Coring
							Hours Reaming
							Hours Day Work
							Hours Repairs
							Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS:

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
2690	2750		lime	J.F. Brown
				HELPER Wayne Nelson
				HELPER Dick Kendall
				HELPER Alvin Pfeifer
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	5	Core No.		10:00 A. M.			7
Size	7 3/8	Size and Make		12:00 M.			
Make	H O W S	Serial No.		2:00 P. M.			
Serial No.	28434	Serial No.		4:00 P. M.			
Serial No.		Hard or Soft		Material Added:			
		New or Rep.					
							Hours Coring
							Hours Coring
							Hours Reaming
							Hours Day Work
							Hours Repairs
							Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: run 30 say or mpylogal / down of present bit
#5 @ 1000 ft to 1.3 say of shale

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
2750	2810		lime & shale	Don J. Golden
				HELPER Alvin F Pfeifer
				HELPER V M Burr
				HELPER A V Elving
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	5	Core No.		6:00 P. M.		35	1
Size	7 3/4	Size and Make		8:00 P. M.			
Make	H O W S	Serial No.		10:00 P. M.		36	
Serial No.	28430	Serial No.		12:00 M			
Serial No.		Hard or Soft		Material Added:			
		New or Rep.					
							Hours Coring
							Hours Coring
							Hours Reaming
							Hours Day Work
							Hours Repairs
							Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: Down to hour on breakers & motor #2
to roll up 9 min 30 min on back
to 10 min 20 min
Alvin F Pfeifer injured right

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.

1010 NORTH MAPLE HUTCHINSON, KANSAS

For 24 hours ending at midnight

5-31-51

19 Rig No. 1

Well Owner: *Northwestern Dils* Lease: *Carlson*

Well No. 1

Sec. _____ Twp. _____ Rge. _____ County: *Saline*

State: *Kans*

If injured, sign and describe injury under remarks.

We have not been injured this day.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
2810	2860		<i>Limestone & shale</i>	<i>Art Ahlstedt</i>
				HELPER: <i>Clayton Christlip</i>
				HELPER: <i>Edle Buller</i>
				HELPER: <i>H. M. Stansbury</i>
				HELPER:

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	<i>5</i>	Core No.		2:00 A. M.			<i>6 1/2</i>
Size	<i>1 1/2</i>	Size and Make		4:00 A. M.			Hours Coring
Make	<i>7 1/2" D.W.S.</i>	Serial No.		6:00 A. M.			Hours Coring
Serial No.	<i>28436</i>	Serial No.		8:00 A. M.			Hours Reaming
Serial No.		Hard or Soft		Material Added:			Hours Day Work
		New or Rep.					Hours Repairs
							Hours Lost Misc. <i>1 1/2</i>

CASING RECORD: SIZE: _____ BOTTOMED AT: _____ CEMENT USED: _____ DEFLECTION SURVEY: _____ Degrees Off. _____

REMARKS: *Pulled out 5 Bit made 310 ft in 33 hrs.*

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
2860	2910		<i>Limestone & shale</i>	<i>J. F. Brown</i>
				HELPER: <i>Wayne Nelson</i>
				HELPER: <i>Dick Kendall</i>
				HELPER: <i>V. M. Burr</i>
				HELPER:

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		10:00 A. M.			<i>4</i>
Size		Size and Make		12:00 M.			Hours Coring
Make		Serial No.		2:00 P. M.			Hours Coring
Serial No.		Serial No.		4:00 P. M.			Hours Reaming
Serial No.		Hard or Soft		Material Added:			Hours Day Work
		New or Rep.					Hours Repairs
							Hours Lost Misc. <i>4</i>

CASING RECORD: SIZE: _____ BOTTOMED AT: _____ CEMENT USED: _____ DEFLECTION SURVEY: _____ Degrees Off. _____

REMARKS: *Ran bit to 6 in hole at 10:23 am laced down 17 feet. Cracked. Suppl. air for sample @ 2874, air for sample @ 2883, 45 m*

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
2910	2970		<i>Shale & limestone</i>	<i>Don Paden</i>
				HELPER: <i>D. M.</i>
				HELPER: <i>Alvin F. Pfeifer</i>
				HELPER: <i>V. M. Burr</i>
				HELPER: <i>A. V. Elving</i>
				HELPER:

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	<i>6</i>	Core No.		6:00 P. M.		<i>33</i>	<i>6 1/4</i>
Size	<i>2 1/2</i>	Size and Make		8:00 P. M.		<i>33</i>	Hours Coring
Make	<i>W. T.</i>	Serial No.		10:00 P. M.		<i>34</i>	Hours Coring
Serial No.	<i>94110</i>	Serial No.		12:00 M.			Hours Reaming
Serial No.		Hard or Soft		Material Added:			Hours Day Work
		New or Rep.					Hours Repairs
							Hours Lost Misc. <i>1 1/4</i>

CASING RECORD: SIZE: _____ BOTTOMED AT: _____ CEMENT USED: _____ DEFLECTION SURVEY: _____ Degrees Off. _____

REMARKS: *Air for samples 6:05 to 6:50 at 2945. Air for samples 8:43 to 9:37 at 2967*

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.

1010 NORTH MAPLE HUTCHINSON, KANSAS

For 24 hours ending at midnight _____, 19 51 Rig No. _____

Well Owner Dutton Drilling & Oil Co. Lease Dutton Drilling & Oil Co. Well No. _____

Sec. _____ Twp. _____ Rge. _____ County _____ State Kans

If injured, sign and describe injury under remarks.

We have not been injured this day.

DRILLED		Feet Drill-ed	FORMATION	DRILLER
From	To			
<u>2890</u>	<u>3035</u>			<u>Carl Adstead</u>
				<u>Assistant</u>
				<u>Chris</u>
				<u>Dale</u>
				<u>Bill</u>

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	<u>1</u>	Core No.		2:00 A. M.			Hours Coring
Size	<u>1 1/2</u>	Size and Make		4:00 A. M.			Hours Coring
Make	<u>W.P.</u>	Serial No.		6:00 A. M.			Hours Reaming
Serial No.	<u>94146</u>	Serial No.		8:00 A. M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: _____ BOTTOMED AT: _____ CEMENT USED: _____ DEFLECTION SURVEY: _____ Degrees Off. _____

REMARKS: Run out at 6 feet inside 174 ft on 17 days

DRILLED		Feet Drill-ed	FORMATION	DRILLER
From	To			
<u>3035</u>	<u>3250</u>		<u>Rock</u>	<u>F.J. Brown</u>
				<u>11 days</u>
				<u>Doug Kendall</u>
				<u>10 days</u>

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	<u>1</u>	Core No.		10:00 A. M.			Hours Coring
Size	<u>1 1/2</u>	Size and Make		12:00 M.			Hours Coring
Make	<u>W.P.</u>	Serial No.		2:00 P. M.			Hours Reaming
Serial No.	<u>101100</u>	Serial No.		4:00 P. M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: _____ BOTTOMED AT: _____ CEMENT USED: _____ DEFLECTION SURVEY: _____ Degrees Off. _____

REMARKS: Run out at 2 feet inside 101100 ft on 15 days

DRILLED		Feet Drill-ed	FORMATION	DRILLER
From	To			
<u>3250</u>	<u>3400</u>		<u>Rock</u>	<u>Don Packer</u>
				<u>11 days</u>
				<u>Bill</u>

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	<u>1</u>	Core No.		6:00 P. M.			Hours Coring
Size	<u>1 1/2</u>	Size and Make		8:00 P. M.			Hours Coring
Make	<u>W.P.</u>	Serial No.		10:00 P. M.			Hours Reaming
Serial No.	<u>91000</u>	Serial No.		12:00 M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: _____ BOTTOMED AT: _____ CEMENT USED: _____ DEFLECTION SURVEY: _____ Degrees Off. _____

REMARKS: Run out at 10 feet inside 91000 ft on 15 days

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.

1010 NORTH MAPLE HUTCHINSON, KANSAS

For 24 hours ending at midnight 6-2-51, 19 Rig No. 1

Well Owner Northwest Kansas Drilling Lease Carlson Well No. 1

Sec. Twp. Rge. County Saline State Kansas

If injured, sign and describe injury under remarks.

We have not been injured this day.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
3145	3180		Sand	Art Ahlstedt
				HELPER Clayton Christy
				HELPER Dale Buller
				HELPER W M Stanburg
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No. <u>8</u>		Core No.		2:00 A. M.		<u>36</u>	<u>5</u>
Size <u>7 3/8</u>		Size and Make		4:00 A. M.			
Make <u>Hug W 7</u>		Serial No.		6:00 A. M.			
Serial No. <u>94118</u>		Serial No.		8:00 A. M.			
Serial No.		Hard or Soft		Material Added:			
		New or Rep.					Hours Coring
							Hours Coring
							Hours Reaming
							Hours Day Work
							Hours Repairs
							Hours Lost Misc. <u>3</u>

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off:

REMARKS: Went in hole with bit # 8. Hung W 7 no. 94118 O.R. 2:30 A.M.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
3180	3198		Shale	J. F. Brown
				HELPER Wayne Nelson
				HELPER Dick Kendall
				HELPER W. Miller
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No. <u>8</u>		Core No.		10:00 A. M.			
Size <u>7 3/8</u>		Size and Make		12:00 M.			
Make <u>W 7</u>		Serial No.		2:00 P. M.			
Serial No. <u>94118</u>		Serial No.		4:00 P. M.			
Serial No.		Hard or Soft		Material Added:			
		New or Rep.					Hours Coring
							Hours Coring
							Hours Reaming
							Hours Day Work
							Hours Repairs
							Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off:

REMARKS: Imp 3198 Run bit # 9 in hole bit # 8 make 53 ft Run 9 hrs.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
3198	3263			Don Padgett
				HELPER Alvin F Pfeifer
				HELPER V. M. Burr
				HELPER A. V. Elving
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No. <u>9</u>		Core No.		6:00 P. M.		<u>35</u>	
Size <u>7 3/8</u>		Size and Make		8:00 P. M.		<u>35.5</u>	
Make <u>H.O.W.S.</u>		Serial No.		10:00 P. M.		<u>35</u>	
Serial No. <u>69934</u>		Serial No.		12:00 M.			
Serial No.		Hard or Soft		Material Added:			
		New or Rep.					Hours Coring
							Hours Coring
							Hours Reaming
							Hours Day Work
							Hours Repairs
							Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off:

REMARKS:

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.
1010 NORTH MAPLE HUTCHINSON, KANSAS

For 24 hours ending at midnight 6-3-51 19 Rig No. 1
Well Owner Northwestern Energy Co Lease Carlson #1 Well No. 1
Sec. Twp. Rge. County Saline State Kans
If injured, sign and describe injury under remarks. We have not been injured this day.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
3265	3330		shale	Art Ahlstedt
				HELPER Clayton Christy
				HELPER Dale Buller
				HELPER H.M. Stansbury
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	9	Core No.		2:00 A. M.			7
Size	7 1/2	Size and Make		4:00 A. M.		36	
Make	Hugh OWS	Serial No.		6:00 A. M.			
Serial No.	69934	Serial No.		8:00 A. M.			
Serial No.		Hard or Soft		Material Added:			
		New or Rep.					

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off:
REMARKS: Repaired Broken Oil Line and motor to 2'
Packed glass on Belt Line of Mud Pump.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
3330	3405		shale	J.F. Brown
				HELPER Wayne Nelson
				HELPER Dick Kendall
				HELPER W.F. Miller
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	9	Core No.		10:00 A. M.			
Size	7 1/2	Size and Make		12:00 M.			
Make	OWS	Serial No.		2:00 P. M.			
Serial No.	69934	Serial No.		4:00 P. M.			
Serial No.		Hard or Soft		Material Added:			
		New or Rep.					

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off:
REMARKS: run 5' zone of mudlog

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
3405	3441		shale - stone	Don Daden
				HELPER Alvin P Pfeifer
				HELPER Y.M. Burr
				HELPER A.V. Elving
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	7	Core No.		6:00 P. M.		37	5 hr
Size	7 1/2	Size and Make		8:00 P. M.		37	
Make	H OWS	Serial No.		10:00 P. M.		37	
Serial No.	69934	Serial No.		12:00 M			
Serial No.		Hard or Soft		Material Added:			
		New or Rep.					

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off:
REMARKS: Core Sample at 3440 (8:21-10:06)
Core Sample at 3441 (10:06-11:06) 5 ft
cut floor to the drill stand.

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.

1010 NORTH MAPLE HUTCHINSON, KANSAS

For 24 hours ending at midnight

6-4-51, 19

Rig No.

Well Owner

Northwestern

Lease

Carlson

Well No.

Sec. Twp. Rge. County

Saline

State

Kans

If injured, sign and describe injury under remarks.

We have not been injured this day.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
				Pat Phlat
				HELPER Clayton Christy
				HELPER Dale Buller
				HELPER W.M. Stansbury
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		2:00 A. M.			Hours Coring
Size		Size and Make		4:00 A. M.			Hours Coring
Make		Serial No.		6:00 A. M.			Hours Reaming
Serial No.		Serial No.		8:00 A. M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE:

BOTTOMED AT:

CEMENT USED:

DEFLECTION SURVEY:

Degrees Off.

REMARKS: Came out of hole with Lat 9 Bit 243 ft in 27 hr
 Went back in hole with Drill Stem, came out
 with Drill Stem. 15 stands of water in hole.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
34.11	34.70		lime	J.F. Brown
				HELPER Wayne Nelson
				HELPER Dick Kendall
				HELPER W.J. Miller
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	10	Core No.		10:00 A. M.			Hours Coring
Size	7 1/2	Size and Make		12:00 M.			Hours Coring
Make	Red 2C	Serial No.		2:00 P. M.			Hours Reaming
Serial No.	8572	Serial No.		4:00 P. M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE:

BOTTOMED AT:

CEMENT USED:

DEFLECTION SURVEY:

Degrees Off.

REMARKS: Run bit 210m hole 12:30

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
34.70	35.05		lime	Don Pader
				HELPER Alvin F Pfeifer
				HELPER V M Lurr
				HELPER A V Elving
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	10	Core No.		6:00 P. M.		37	Hours Coring
Size	7 1/2	Size and Make		8:00 P. M.		36	Hours Coring
Make	Red 2C	Serial No.		10:00 P. M.			Hours Reaming
Serial No.	8572	Serial No.		12:00 M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE:

BOTTOMED AT:

CEMENT USED:

DEFLECTION SURVEY:

Degrees Off.

REMARKS: Coming out of hole for New Bit. Bit # 10
 made 60 ft in 9 1/2 hr

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.

1010 NORTH MAPLE HUTCHINSON, KANSAS

For 24 hours ending at midnight 6-5-51 19 Rig No. 1

Well Owner Northwestern Drill Co Lease Carlson Well No. 1

Sec. Twp. Rge. County Saline State Kans

If injured, sign and describe injury under remarks.

We have not been injured this day.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
3505	3519			Arthur Ahlstedt
				HELPER Clayton Chrislip
				HELPER Dale Buller
				HELPER W.M. Stansbury
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	11	Core No.		2:00 A. M.			3
Size	7 3/4	Size and Make		4:00 A. M.		37	
Make	Hard OWS	Serial No.		6:00 A. M.			
Serial No.	27951	Serial No.		8:00 A. M.			
Serial No.		Hard or Soft		Material Added:			Hours Day Work
		New or Rep.					Hours Repairs 1 1/2
							Hours Lost Misc. 3 1/2

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: Finished coring out 21 stands. Went back in with bit 11. Nalghes OWS. No 27951 O.B. 4:45 AM. Put new gaskets on pump out front motor. Worked 30 min. on light plant motor.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
3519	3535		lime	J.F. Brown
				HELPER Wayne Nelson
				HELPER Dick Kendall
				HELPER W.L. Miller
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	11	Core No.		10:00 A. M.			3
Size	7 3/4	Size and Make		12:00 M.			
Make	OWS	Serial No.		2:00 P. M.			
Serial No.	27951	Serial No.		4:00 P. M.			
Serial No.		Hard or Soft		Material Added:			Hours Day Work
		New or Rep.					Hours Repairs
							Hours Lost Misc. 5 1/2

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: wait on gaskets & bolts for air chamber amp pump

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
3535	3570		lime	Don Paden
				OM Alvin J Pfeifer
				HELPER Y.M. Burr
				HELPER A.V. Elving
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	11	Core No.		6:00 P. M.		37	6 1/2
Size	7 3/4	Size and Make		8:00 P. M.		37	
Make	N OWS	Serial No.		10:00 P. M.		37	
Serial No.	27951	Serial No.		12:00 M.			
Serial No.		Hard or Soft		Material Added:			Hours Day Work
		New or Rep.					Hours Repairs
							Hours Lost Misc. 1 1/2

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: Cir. for samples at 3541' from (3:57-4:23). 26 min down on 12 min on Nalghes down 34 min on Nal. motor (Baker oil line + gasket out of manifold)

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.

1010 NORTH MAPLE HUTCHINSON, KANSAS

For 24 hours ending at midnight 6-6-51, 19 Rig No. 1
 Well Owner Northwestern Drilling Co Lease Carlson #1 Well No. 1
 Sec. Twp. Rge. County Saline State Kansas
 If injured, sign and describe injury under remarks. We have not been injured this day.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
3590	3597		Shale & shale	Art Ahlstedt
3590	3597		limestone sand	HELPER Clayton Christy
				HELPER Dale Buller
				HELPER H.M. Stansbury
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.	11	Core No.		2:00 A. M.			5
Size	7 3/4	Size and Make		4:00 A. M.			
Make	King UWS	Serial No.		6:00 A. M.			
Serial No.	27951	Serial No.		8:00 A. M.			
Serial No.		Hard or Soft		Material Added:			
		New or Rep.					Hours Day Work
							Hours Repairs
							Hours Lost Misc. 3

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.
 REMARKS: Circ. feet sample 1 1/2 hrs at 3595' again at 3597' 1 hr.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
3597				J.F. Brown
				HELPER Wayne Nelson
				HELPER Dick Kessler
				HELPER W.L. Miller
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		10:00 A. M.			
Size		Size and Make		12:00 M.			
Make		Serial No.		2:00 P. M.			
Serial No.		Serial No.		4:00 P. M.			
Serial No.		Hard or Soft		Material Added:			
		New or Rep.					Hours Day Work
							Hours Repairs
							Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.
 REMARKS:

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
				Don Padon
				HELPER Alvin F. Pfeiffer
				HELPER V.M. Burr
				HELPER A.V. Ewing
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		6:00 P. M.			
Size		Size and Make		8:00 P. M.			
Make		Serial No.		10:00 P. M.			
Serial No.		Serial No.		12:00 M.			
Serial No.		Hard or Soft		Material Added:			
		New or Rep.					Hours Day Work
							Hours Repairs
							Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.
 REMARKS:

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.

1010 NORTH MAPLE HUTCHINSON, KANSAS

For 24 hours ending at midnight 6-7-51, 19 Rig No. 1

Well Owner Northwestern Drilling Co. Lease Coalson #1 Well No. 1

Sec. Twp. Rge. County Saline State Kansas

If injured, sign and describe injury under remarks.

We have not been injured this day.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
				<u>Art Phlat</u>
				HELPER <u>Clinton Phlat</u>
				HELPER <u>Dale Buller</u>
				HELPER <u>Wm Stansbury</u>
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		2:00 A. M.			Hours Coring
Size		Size and Make		4:00 A. M.			Hours Coring
Make		Serial No.		6:00 A. M.			Hours Reaming
Serial No.		Serial No.		8:00 A. M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: Started Drilling 8:50 A.M. Drilled 10' to 11' and plugged.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
				<u>J. F. Brown</u>
				HELPER <u>Wm Stansbury</u>
				HELPER <u>Dick Kendall</u>
				HELPER <u>W. S. Miller</u>
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		10:00 A. M.			Hours Coring
Size		Size and Make		12:00 M.			Hours Coring
Make		Serial No.		2:00 P. M.			Hours Reaming
Serial No.		Serial No.		4:00 P. M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: Drill up 10' and run water to ground.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
				<u>Don Parker</u>
				HELPER <u>Alvin Pfeifer</u>
				HELPER <u>V. W. Burr</u>
				HELPER
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		6:00 P. M.			Hours Coring
Size		Size and Make		8:00 P. M.			Hours Coring
Make		Serial No.		10:00 P. M.			Hours Reaming
Serial No.		Serial No.		12:00 M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: BOTTOMED AT: CEMENT USED: DEFLECTION SURVEY: Degrees Off.

REMARKS: Water in casing, other logs running.

DAILY DRILLING REPORT

Dutton Drilling & Oil Co.

1010 NORTH MAPLE HUTCHINSON, KANSAS

Fog 24 hours ending at midnight 6-8-51, 1951 Rig No. 1

Well Owner _____ Lease Carlsen Well No. 1

Sec _____ Twp _____ Rge _____ County Saline State _____

If injured, sign and describe injury under remarks.

We have not been injured this day.

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
				HELPER
				HELPER
				HELPER
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		2:00 A. M.			Hours Coring
Size		Size and Make		4:00 A. M.			Hours Coring
Make		Serial No.		6:00 A. M.			Hours Reaming
Serial No.		Serial No.		8:00 A. M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: _____ BOTTOMED AT: _____ CEMENT USED: _____ DEFLECTION SURVEY: _____ Degrees Off. _____

REMARKS: _____

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
				<u>J. F. Brown</u>
				HELPER <u>Wayne Nelson</u>
				HELPER <u>Dick Kendrick</u>
				HELPER <u>W. J. Miller</u>
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		10:00 A. M.			Hours Coring
Size		Size and Make		12:00 M.			Hours Coring
Make		Serial No.		2:00 P. M.			Hours Reaming
Serial No.		Serial No.		4:00 P. M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: _____ BOTTOMED AT: _____ CEMENT USED: _____ DEFLECTION SURVEY: _____ Degrees Off. _____

REMARKS: pulling casing out of way
plug well 1st plug @ 175 ft 15 days
2nd plug @ 35 ft bottom of cellar 10 days

DRILLED		Feet Drilled	FORMATION	DRILLER
From	To			
				<u>Don Radcliff</u>
				HELPER <u>Alvin P. Puffer</u>
				HELPER <u>W. M. Baker</u>
				HELPER <u>A. V. Blum</u>
				HELPER

DRILLING BITS		CORE BITS and CATCHERS		TIME	MUD WT.	VISCOS.	Hours Drilling
Run No.		Core No.		6:00 P. M.			Hours Coring
Size		Size and Make		8:00 P. M.			Hours Coring
Make		Serial No.		10:00 P. M.			Hours Reaming
Serial No.		Serial No.		12:00 M.			Hours Day Work
Serial No.		Hard or Soft		Material Added:			Hours Repairs
		New or Rep.					Hours Lost Misc.

CASING RECORD: SIZE: _____ BOTTOMED AT: _____ CEMENT USED: _____ DEFLECTION SURVEY: _____ Degrees Off. _____

REMARKS: pulling casing and plug well