

near Co SW 1/4 Sec 1-35-24 E

G. W. Lester 15th military
Provine & Cummings Confs.
Baxter Springs, Kansas

Water Well Baxter Sprgs, Kans #4
Commenced 9-17-1946
Completed 11-20-1946

0	18	Surface soil clay & boulders
18	40	Gray limestone with some gray chert
40-	45	Gray tan limestone with some gray chert
45	60	Gray tan limestone with some gray chert
60	80	Brown and gray limestone very little chert
80	85	Brown and gray limestone gray chert
85	90	Glauconitic limestone brown and gray limestone
90	95	Gray and blue chert gray and brown limestone
95	100	Blue and gray chert gray and brown limestone
100	115	Blue and gray chert gray and brown limestone
115	125	Gray chert gray limestone black shale seams
125	130	Gray brown limestone some gray chert
130	145	Gray lime/ gray chert
145	150	Coarse gray limestone gray chert
150-	155	Gray chert brown limestone black shale seams
155	160	Gray chert brown limestone black shale seams
160	165	Gray limestone gray chert some blue chert
165	170	Gray limestone gray chert some white chert
170-	190	Gray limestone gray chert some white black shale seams
190	195	Dull gray tan and white chert (shale falling)
195	225	Dull gray tan and white chert some spotted gray and white chert
225	230	Dark gray chert dark gray spotted chert brown limestone
230	245	Dark gray chert dark gray spotted chert brown limestone
245	250	Brown and gray limestone gray chert
250	270	Brown and gray limestone gray chert
270	290	Dark brown shelly limestone dark blue chert
290	325	Light gray limestone some dark gray limestone very light blue chert
325	380	Light gray limestone light blue chert dolomite
380	385	Northview shale gray and tan limestone
385	395	Fine-grained light gray to white dolomite. Cotton rock
395	405	Dark gray limestone dark gray chert
405	410	Dark gray to light gray chert blue chert gray limestone
410	415	Brown limestone very dark gray chert
415	425	Dark gray limestone dark gray chert
425	450	Dark gray brown limestone
450	455	Brown and gray limestone dark gray chert
455	460	Dark gray and brown limestone gray chert
460	465	Dark gray and brown limestone gray to very dark gray chert
465	475	Gray and brown limestone
475	480	Gray and brown limestone somewhat dolomite cotton rock
480	490	Gray limestone gray chert
490	495	Dark brown limestone
495	500	Gray and brown limestone very sandy
500	530	Gray to very dark gray limestone
530	550	Brown and gray limestone very sandy
550	555	Brown and gray lime
555	560	Brown sandy limestone light gray sand
560	570	Gray limestone gray chert
570	575	Brown and gray limestone brown and gray chert
575	580	Gray limestone very sandy gray chert

Swan ch
or
Swan ch

(Continued on page 2)

Company G. W. Lester

Sec. 1 T. 35 R. 24

Farm Baxter Springs, Kansas

No. 4

Loc. Near Cen. SW₁

County

Total Depth 1287'

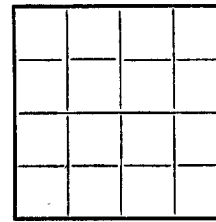
Comm. 9-17-1946

Comp. 11-20-1946

Shot or Treated

Contractor Provine & Cummings

Issued



Casing	
20 in.	10 in.
15 1/2	8 1/4
12 1/2	6 5/8
13 3/8	5 3/16

Elevation

Production

Figures Indicate Bottom of Formation

0	18	Surface soil clay & boulders
18	40	Gray limestone with some gray chert
40	45	Gray tan limestone with some gray chert
45	60	Gray tan limestone with some gray chert
60	80	Brown and gray limestone very little chert
80	85	Brown and gray limestone gray chert
85	90	Glaucanitic limestone brown and gray limestone
90	95	Gray and blue chert gray and brown limestone
95	100	Blue and gray chert gray and brown limestone
100	115	Blue and gray chert gray and brown limestone
115	125	Gray chert gray limestone black shale seams
125	130	Gray brown limestone some gray chert
130	145	Gray lime gray chert
145	150	Coarse gray limestone gray chert
150	155	Gray chert brown limestone black shale seams
155	160	Gray chert brown limestone black shale seams
160	165	Gray limestone gray chert some blue chert
165	170	Gray limestone gray chert some white chert
170	190	Gray limestone gray chert some white black shale seams
190	195	Dull gray tan and white chert (Shale falling)
195	225	Dull gray tan and white chert some spotted gray and white chert
225	230	Dark gray chert dark gray spotted chert brown limestone
230	245	Dark gray chert dark gray spotted chert brown limestone
245	250	Brown and gray limestone gray chert
250	270	Brown and gray limestone gray chert
270	290	Dark brown shelly limestone dark blue chert
290	325	Light gray limestone some dark gray limestone very light blue chert
325	380	Light gray limestone light blue chert dolomite
380	385	Northview shale gray and tan limestone
385	395	Fine-Grained light gray to white dolomite. Cotton rock
395	405	Dark gray limestone dark gray chert
405	410	Dark gray to light gray chert blue chert gray limestone
410	415	Brown limestone very dark gray chert
415	425	Dark gray limestone dark gray chert
425	470	Dark gray brown limestone
450	455	Brown and gray limestone dark gray chert
455	460	Dark gray and brown limestone gray chert
460	465	Dark gray and brown limestone gray to very dark gray chert
465	475	Gray and brown limestone
475	480	Gray and brown limestone some white dolomite cotton rock
480	490	Gray limestone gray chert
490	495	Dark brown limestone
495	500	Gray and brown limestone very sandy

500	530	Gray to very dark gray limestone
530	550	Brown and gray limestone very sandy
550	555	Brown and gray lime
555	560	Brown sandy limestone light gray sand
560	570	Gray limestone gray chert
570	575	Brown and gray limestone brown and gray chert
575	580	Gray limestone very sandy gray chert
580	585	Gray and brown limestone gray and brown chert
585	645	Brown and gray limestone very sandy
645	650	Very dark gray chert gray chert gray limestone
650	655	Brown and gray limestone gray chert
655	665	Brown and gray limestone gray chert
665	670	Gray silicified colite
670	795	Brown and gray limestone very sandy
795	815	Dark brown and gray limestone gray and blue chert
815	840	Dark brown and gray limestone gray chert
840	850	Gray sandy limestone gray chert
850	855	Dark brown limestone
855	865	Gray and brown limestone very sandy
865	890	Gray and brown limestone very sandy gray chert
890	900	Gray sandy lime hole open crevicy not many cuttings
900	905	White transparent sand white dolomite
905	950	Gray and brown limestone very sandy
950	975	Brown and gray limestone very sandy
975	980	White transparent sandstone white dolomite
980	985	White transparent sand white dolomite some gray sandy limestone
985	990	White transparent sand white dolomite
990	1020	Gray to white sandy limestone
1020	1045	Gray and brown sandy limestone
1045	1050	Gray to dark gray water chert
1050	1055	Very dark gray limestone very sandy
1055	1065	Gray and blue chert gray and brown limestone some sand
1065	1115	Gray and brown limestone sandy
1115	1125	Brown and gray limestone gray to dark gray chert
1125	1130	Brown and gray limestone blue chert crevicy
1130	1140	Brown and gray limestone blue chert
1140	1150	Brown and gray limestone very sandy
1150	1155	Gray and brown limestone gray and blue chert white dolomite
1155	1165	Brown and gray sandy limestone
1165	1190	Gray and brown limestone gray and blue chert
1190	1200	Gray limestone very sandy gray chert
1200	1205	Gray and brown limestone very sandy gray and blue chert
1205	1210	Opening no cuttings
1210	1215	Gray and brown limestone gray and blue chert
1215	1245	Gray and brown limestone gray chert
1245	1250	Gray and blue chert gray lime sandy
1250	1255	Gray brown limestone gray chert
1255	1275	Dark blue and gray chert gray limestone
1275	1287	Dark gray limestone gray chert

<u>HOLE DIAMETER</u>			<u>STRATIGRAPHIC SUMMARY</u>			<u>From</u>	<u>To</u>	<u>Bed</u>
<u>From</u>	<u>To</u>	<u>Size</u>	<u>From</u>	<u>To</u>	<u>Bed</u>			
0	195	24"	95	90	J	290	385	Fern Glen
195	235	20"	90	160	K-L	385		Cotter-Swan
235	665	15"	160	190	M			Creek-Jeff
665	670	12- $\frac{1}{2}$ "	190	225	Grand Falls			City-Ruby
670	1287	10- $\frac{3}{4}$ "	225	290	R-S	1265	1275	Gunther
						1275	1284	Eminence