

1.

Sec. 18 Twp. 19 Range. 5
 SE-NW-NW
 Company Sharp Oil Co.
 Commenced
 Elevation 1439
 Initial Productionbbls.

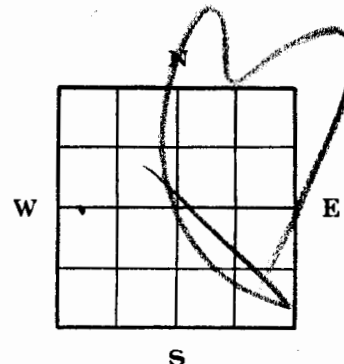
Marion County
 Farm Stenzel
 Completed
 Total Depth
 Vol.cu. ft.

18-19-5 EV

Ind. **Plotted**
 Plotted 35118
 Well No.

Remarks.

Well drilled by Sharp Oil Co. Eldorado, Kans.
 Drilled in Section 18-19-5 Marion County, Kans.
 Log of Stenzel Well.



Formation	Color	Character	Depth
Top	Light	Soft	12 ft.
Red R.	red	soft	20 ft.
lime	light	hard	75
Red R	red	soft	90
lime	light	hard	100
lime	light	soft	110
Sand	light	soft	120 H,F,W
Shale	brown	"	125
lime grey		hard	127
shale	blue	soft	135
lime	light	hard	150
shale	light	soft	170
lime	grey	soft	220
slate	light	soft	240
Red R	red	"	245
lime	light	hard	248
slate	blue	soft	279
lime	grey	soft	285
lime	grey	hard	295
slate	blue	soft	297
lime	grey	hard	330
lime	grey	soft	342
Red R	red	soft	344
lime	light	hard	352
slat e	blue	soft	360
lime	sandy	hard	380 Gas.
slate	blue	soft	395
lime	broken	hard	405
lime	grey	hard	415
lime	broken	soft	430
slate	grey	soft	441
lime	grey	hard	455
lime	light	hard	472
Red R	red	soft	495 cave
lime	blue	hard	499
slate	blue	soft	502
lime	blue	hard	515
shale	black	soft	519
lime	blue	hard	530
slate	blue	soft	535
lime	blue	hard	545
lime	broken	soft	550
lime	grey	hard	565
slate	blue	soft	575
lime	grey	hard	581
slate	black	soft	590

18-19-5EE

Sec. Twp. Range.

County

Index.

Company Sharp Oil Co.

Farm Stenzel

Plotted

Commenced

Completed

Well No. Plotted

Elevation

Total Depth

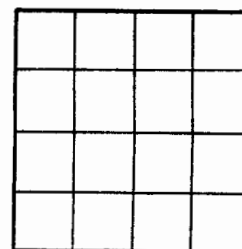
N

Initial Productionbbls.

Vol.cu. ft.

Remarks.

Stenzel well. Sec. 18-19-5 Marion County, Ks



slate	blue	soft	593
lime	brown	hard	603
Red R.	red	soft	608
slate	black	soft	620
slate	blue	soft	623
lime	grey	hard	628
slate	blue	soft	642
lime	blue	hard	645
slate	black	soft	655
lime	grey	hard	660
slate	blue	soft	664
slate	blue	soft	685
slate	black	soft	708
lime	grey	hard	710
red R	red	soft	714
slate	blue	soft	720
lime	grey	hard	735
slate	blue	soft	739
red R	red	soft	745
slate	blue	soft	755
lime	blue	hard	759
red R	red	soft	765
slate	blue	soft	766
lime	grey	hard	769
slate	blue	soft	795
lime	grey	hard	796
shale	grey	soft	812
red R.	red	soft	823
slate	blue	soft	831
slate	grey	soft	860
lime	grey	hard	862
slate	blue	soft	868
lime	blue	hard	875
red R	red	soft	880
slate	grey	soft	895
lime	"	hard	905
lime	broken		925
slate	grey	soft	940
lime	light	hard	960
slate	blue	soft	965
lime	light	hard	990
slate	blue	soft	995
lime	grey	broken	1005
lime	light	hard	1010
slate	blue	soft	1015
lime	grey	soft	1018
lime	grey	hard	1030
slate	blue	soft	1035

Sec. Twp. Range.

County

Index.

Company Sharp Oil Co.

Farm Stenzel

Plotted

Commenced

Completed

Well No.

Elevation

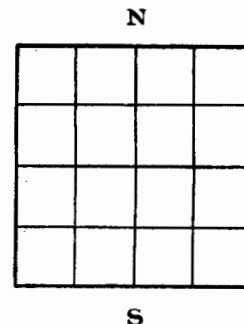
Total Depth

Initial Productionbbls.

Vol.cu. ft.

Remarks.

Stenzel Well .Sec. 18-19-5 Marion County, Ks. W



slate	blue	soft	1065
lime	grey	broken	1070
slate	blue	soft	1080
lime	light	hard	1110
slate	grey	soft	1140
lime	grey	hard	1165
slate	blue	soft	1200
lime	light	hard	1232
lime	light	sandy	1244
lime	grey	hard	1265
sand	light	soft	1273
slate	blue	soft	1300
lime	grey	hard	1320
slate	blue	soft	1325
lime	light	hard	1340
slate	blue	soft	1352
lime	grey	hard	1355
slate	blue	soft	1378
lime	grey	hard	1390
slate	broken	soft	1405
lime	grey	hard	1425
slate	black	soft	1430
lime	light	hard	1455
slate	blue	soft	1508
lime	grey	hard	1532
slate	black	soft	1535
lime	grey	hard	1550
slate	blue	soft	1555
lime	grey	hard	1565
slate	blue	soft	1625
lime	light	sandy	1645
slate	blue	soft	1695
lime	grey	hard	1699
slate	blue	soft	1716
lime	light	hard	1722
red R	red	soft	1725
lime	light	hard	1726
slate	grey	soft	1775
lime	light	hard	1788
slate	blue	soft	1790
lime	brown	hard	1818
slate	blue	soft	1822
lime	black	hard	1865
slate	blue	soft	1885
lime	brown	hard	1940
lime	light	hard	1980
slate	light	soft	1990
lime	light	hard	2010
slate	blue	soft	2019

7 bailers water.

Stenzel Well. Sec. 18-19-5 Marion County, Kansas.
Sharp Oil Co.

slate	black	soft	2021	feet.
lime	grey	hard 7	2028	"
slate	blue	soft 4	2032	"
slate	light	soft 8	2040	
lime	light	hard 26	2066	
shale	brown	soft 10	2076	
lime	light	hard 4	2080	
shale	brown	soft 14	2094	
lime	yellow	hard 22	2116	
slate	blue	soft 5	2021	
lime	grey	hard 26	2147	
slate	light	soft 21	2168	
red R	red	soft 2	2170	
slate	grey	soft 25	2195	
slate	light	soft 20	2215-cavy	
slate	black	soft 7	225	" (2225?)
lime	grey	hard 7	2245	
slate	black	soft 8	2253-	cavy
slate	grey	soft 7	2260	"
lime	grey	hard 12	2272.	
slate	blue-black	soft 5	2277	
lime	grey	hard	2287	
slate	black	soft	2301	
lime	blue	hard	2306	
red R	red	soft 3	2309.	-Cavy
slate	blue-black	soft 3	2312	"
lime	grey	hard 2	2314	
slate	blue-black	soft 22	2326	2-3 26 11 12
lime -chert	- mixed -	med 43	2369-gas-54	
lime -chert	- sandy -	med 51	2420-oil-69	2420
slate	blue	soft 45	2465	about Chert
lime	grey	hard	2467	15 bbl.
slate	grey	soft	2650	
lime	light	hard	2655	✓ 10 12
sand	light	soft	2658	Dry
sandy lime	light	hard	2701	

Well measured by G.V. Willison of the Carter Oil Co., also
By F.W. Oliver Jr. of Gypsy Oil Co. 6-21-1921.

Only one hole full of water in well, which was at 115 feet.

Set 281 feet 15 $\frac{1}{2}$ " casing.

Set 784 feet 12 $\frac{1}{2}$ " under-rimmed. to 862 ft.

Set 1431 feet 10" casing

Set 1785 ft. 8 $\frac{1}{4}$ " " " " to 2094 "

Set 2326 feet 6-5/8" casing.

Good gas showing at 365 ft.

About 3/4 million feet gas at 2354 ft.

15 bbl. showing of oil at 2369 ft.

Well shut down in sandy lime-light color and hard at 2701 ft.

Sec. 18 Twp. 19 Range. 5

.....Marion County..... County

Company

Farm

Commenced

Completed

Elevation

Total Depth

Initial Productionbbls.

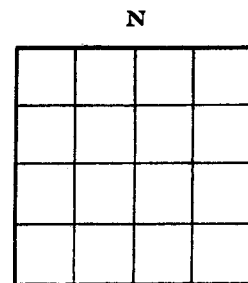
Vol.cu. ft.

Remarks. Well drilled by Sharp Oil Co. of Eldorado, Ks.
Drilled in center of NW $\frac{1}{4}$ of 18-19-5 Marion Countyw
Kans.

Index.

Plotted

Well No.



Lime sandy Mississippi,	2658	to 2728'	Little water.
Sand 1st break	2728	to 2761'	Dry
Mississippi Lime Hard	2761	to 2810'	
Sandy lime showing Oil	2810	to 2845'	
Lime Mississippi Hard	2845	to 2915'	
Sand Brown Very hard	2915	to 2987'	
Lime and Sand Light Hard	2987	to 3140'	7 Bailers W
Sand Light brown oil show	3140	to 3163'	
Lime with Mica light, hard	3163	to 3197'	
Sandy lime Brown Very hard	3197	to 3249'	
Lime with Mica Hard	3249	to 3273'	
Sand Brown showing Oil and Gas	3273	to 3294'	
Lime with Mica, soft Med,	3294	to 3337'	More Water.
Sand Brown Hard	3337	to 3350'	Dry.
Lime and Mica Medium hard	3350	to 3389'	
Sandy Lime Very hard	3389	to 3395'	
Lime Dulinite, Medium hard	3395	to 3400'	
Sand Brown Good showing Oil& Gas	3400	to 3417'	
Lime Grey Hard	3417	to 3465'	
Sand Light Brown	3465	to 3474'	
Sandy lime and Mica	3474	to 3484'	Small Water
Lime Very hard Brown	3484	to 3490'	
Dark blue Shale Very soft	3490	to 3396'	
Lime Dulinite & Mica	3496	to 3517'	
Sandy Lime Very hard Light	3517	to 3583'	Small Water.
Lime Grey & Brown Hard	3583	to 3627'	
Lime Dulinite & Mica	3627	to 3649'	
Sand Brown Showing Oil	3649	to 3671'	
Lime Very hard with Mica	3671	to 3763'	
Sandy Lime some Gas	3763	to 3781'	
Lime with Mica Medium Soft	3781	to 3792'	
Sandy Lime Brown Oil Showing	3792	to 3806'	
Lime Grey almost pure	3806	to 3810 $\frac{1}{2}$	

Total depth 3810 $\frac{1}{2}$ ft.

From 2700 feet to 3810 $\frac{1}{2}$ ft. we averaged drilling time 18 $\frac{1}{2}$ ft. per day of 24 hours.

Well was measured in presence of :

Frank Firebaugh, Marion, Kans.

R.W.Sharp, Eldorado, Kans.

Geo. " "

J.F.Whaley, " "

C.A.Stebins " "

S.R.Walker " "

E.L.Brace

Eldorado, Kans.

J.E.Sharp

R.C.
Moore
Granite

18-19-5E

WELL LOG BUREAU, KANSAS GEOLOGICAL SOCIETY
UNION NATIONAL BANK BLDG., WICHITA, KANSAS

22827

CASING RECORD

LOCATION SE-NW-NW

SEC 18T 19R 5E.

10"
20" 8 1-4
15 1-2 6 5-8
12 1-2 5 3-16

FARM Stenzel
COMPANY Sharp Oil Co.
CONTRACTOR
COMMENCED

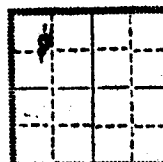
NO. COUNTY Marion.

COMPLETED

SHOT QUARTS BETWEEN

TOTAL DEPTH

CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO



ELEVATION

INITIAL PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS.

REMARKS O.L.

Formation	Depth	Formation	Depth	Formation	Depth
top light soft	12	slate blue sft	685	slate broken sft	1405
red rock red sft	20	slate blk soft	708	lime gr hard	1425
lime light hard	75	lime grey hard	710	slate blksoft	1430
red rock red sft	90	red rock red sft	714	lime light hd	1455
lime light hard	100	slate blue soft	720	slate blue sft	1508
lime light soft	110	lime grey hard	735	lime gr hd	1532
sand light sft HFV	120	slate blue soft	739	slate blksoft	1535
shale brown soft	125	red rock red sft	745	lime gr hd	1550
lime grey hard	127	slate blue sft	755	slate blue sft	1555
shale blue soft	135	lime blue hard	759	lime gr hd	1565
lime light hard	150	red rock red sft	765	slate blue sft	1625
shale light sft	170	slate blue sft	766	lime light sdy	1645
lime grey soft	220	lime gr hard	769	7BW slate blue	1695
slate light soft	240	slate blue sft	795	lime gr hard	1699
red rock soft	245	lime gr hard	796	slate blue sft	1716
lime light hard	248	shale grey sft	812	lime light hd	1722
slate blue soft	279	red rock sft	823	red rock sft	1725
lime grey soft	285	slate blue sft	831	lime light hd	1726
lime grey hard	295	slate gr sft	860	slate gr sft	1775
slate blue soft	297	lime gr hard	862	lime light hd	1788
lime grey hard	330	slate blue sft	868	slate blue sft	1790
lime grey hard	342	lime blue hd	875	lime brn hard	1818
red rock red sft	344	red rock red sft	880	slate blue sft	1822
lime light hard	352	slate gr soft	895	lime blk hard	1865
slate blue soft	360	lime gr hard	905	slate blue sft	1885
lime sdy hard	380	lime broken	925	lime br hd	1940
slate blue soft	395	slate gr sft	940	lime light hd	1980
lime broken hard	405	lime light hard	960	slate light sft	1990
lime gr hard	415	slate blue sft	965	lime light hd	2010
lime brk soft	430	lime light hd	990	slate blue sft	2019
slate grey soft	441	slate blue sft	995	slate blksoft	2021
lime grey hard	455	lime gr brkn	1005	lime gr hard	2028
lime light ha rd	472	lime light hd	1010	slate bluesft	2032
red rock red cave	495	slate blue sft	1015	slate light sf	2040
lime blue hard	499	lime gr sft	1018	lime light hd	2066
slate blue soft	502	lime gr hard	1030	shale brwn sft	2076
lime blue hard	515	slate blue sft	1035	lime lght hd	2080
shale blk soft	519	slate blue soft	1065	shale brwn sft	2094
lime blue hard	530	lime grey broken	1070	lime yellow hd	2116
slate blue soft	535	slate blue sft	1080	slate blue sft	2147
lime blue hard	545	lime light hard	1110	slate lght sft	2168
lime brkn soft	550	slate gr soft	1140	red rock red sft	2170
lime grey hard	565	lime gr hard	1165	slate gr sft	2195
slate blue soft	575	slate blue soft	1200	slate light sft	2215
lime grey hard	581	lime light hard	1232	Caving.	
slate blk soft	590	lime light sdy	1244	slate blk sft	225???
slate blue soft	593	lime gr hard	1265	lime gr hd	2245
lime brown hard	603	sand light sft	1273	slate blk sft	2253
red rock soft	608	slate blue sft	1300	caves slate gr sft	
slate blk soft	620	lime gr hard	1320		2260
slate blue soft	628	slate blue sft	1325	lime gr hd	2272
lime grey hard	642	lime light hd	1340	slate blue blk sft	
lime blue hard	645	slate blue sft	1352	soft	2277
slate blk soft	655	lime grey hard	1355	lime gr hard	2287
lime gre hard	660	slate blue sft	1378	slate blk soft	2301
slate blue soft	664	lime gr hard	1390	lime blue hd	2306

OVER

18-19-5East. Marion County.

Formation	Depth	Formation	Depth.
red rock soft	2309	dark blue shale very	
caves. slate blue blk	2312	soft	3496
lime grey hard	2314	lime Dulinite and Mica	3517
slate blue blk	2326 - T.M.	sdv lime ver hard light	3583
lime chert mixed med	2369	small water	
gas 54 lime chert sdv med	2420 - T.K.	lime grey brown hard	3627
slate blue soft	2465	lime dulnite and Mica	3649
lime grey hard	2467	sand brown showing oil	3671
oil about 15 bbls.		lime very hard with mica	3763
slate grey soft	2650 - T.V.		
lime hard	2655	sdv lime some gas	3781
slate light soft dry	2658	lime with Mica med sft	3792
sdv lime light hard	2701	sdv lime brwn oil showing	3806
Well measured by G.V. Willidon		lime gr almost pure	3810 $\frac{1}{2}$
of the Carter Oil Co.		from 2700 to 2810 $\frac{1}{2}$ feet	
only 1BF in well which was		We averaged drilling time 18 $\frac{1}{2}$ p	
at 115 feet set 281 12 $\frac{1}{2}$ casg.		per day of 24 hours.	
1431 at 10"			
Set 2326 6-5/8			
set 784 12 $\frac{1}{2}$			
1785 8 $\frac{1}{2}$			
good gas showing at 365 ft			
about 3/4 million feet gas			
at 2354. 15 bbls showing oil			
at 2369			
well shut down in sdv lime			
light colors and hard at			
2701 feet.			
lime sdv miss little wtr	2728 - T. sp		
sand 1st Area	2761		
Miss lime hard	2810 - T. art.		
sdv lime showing oil	2845		
lime Miss hard	2915		
sand brown very hd	2987		
lime sd light hd 7BW	3140		
sand light brown oil sh	3163		
lime wit Mica light hd	3197		
sdv lime br very hd	3249		
lime with mica hard	3273		
sand brown showing oil			
and gas	3294		
lime with Mica soft med	3337		
more water sand brown hd			
Dry	3350		
lime and mica med hard	3389		
sdv lime very hd	3395		
lime Dulinite med hd	3400		
sand brown good showing oil			
and gas	3417		
lime grey hard	3435		
sand light brown	3474		
sdv lime and Mica small			
water	3484		
lime very hard brown	3490		