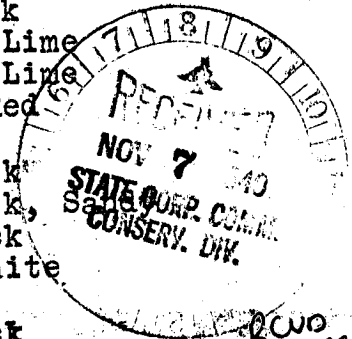


CENTRAL COMMERCIAL OIL COMPANY
JOHN WAGG No. 1A
 Located 40' 2" south of Waggs #1,
 which was located NWC NW SE of
 Section 17-138-21W,
 Trego County, Kansas.

Commenced: 10-2-35
 Completed: 4-14-36

FROM	TO	FORMATION	FROM	TO	FORMATION
0	18	Blk Soil-cellar	852	860	Shale Blue
18	22	Soil black	860	868	Sand
22	36	Gravel-Sd, H.F.W.	868	873	Blk Sh. & Iron
36	47	Shale Dark	873	878	Gray Lime
47	60	Sand	878	881	Lime
60	85	White Shale	881	884	Lime
85	94	White Shale	884	888	Lime Gray
94	101	Blue Shale	888	890	Shale Sandy
101	146	Blue Shale	890	892	Shale Gray, Sdy.
146	175	Shale Dark	892	897	Shale
175	180	Shale Gray	897	902	Sand White
180	340	Shale Dark	902	913	Sand
340	350	Shale Brown	913	915	Blue Shale
350	390	Brown Shale & Lime	915	919	Blue Shale
390	398	Lime Brown	919	920	Lime Gray
398	416	Lime Gray	920	922	Lime
416	430	Gray Shale	922	924	Blue Shale
430	435	Gray & Green & Pyrite of Iron	924	926	Blue Shale
435	442	Brown Lime	926	928	Brown Shale
442	479	Shale Dark Brown	928	929	Sand White
479	512	Shale Gray	929	930	Lime
512	517	Sdy Shale SLM 512'	930	931	Red Shale
517	540	Brown Shale	931	934	Red Shale
540	560	Br. Sh. Sdy. Sh.	934	936	Sand
560	574	Sand Wtr. H.F.	936	940	Sand
574	579	White Shale	940	944	Sdy & Red Shale
579	590	Gray Shale	944	950	Sh. Red & Green
590	595	Gray Shale	950	954	Sh. Red & Green
595	609	Lime Gray	954	958	Lime Gray, Sand
609	622	Sdy Lime Brown	958	962	Sand
622	628	Red Rock	962	981	Sand, Gyp, Shale
628	638	Brown Shale	981	988	Sand
638	650	Shale Brown	988	995	Red Rock
650	665	Lime Brown	995	1000	Red & Green Shale
665	670	Shale Gray, Sdy	1000	1003	Red Rock
670	705	Sand, H.F.W.	1003	1006	Broken Lime
705	707	Shale Brown & Gray	1006	1008	Broken Lime
707	716	Brown Shale	1008	1011	Shale Red
716	721	Shale Brown	1011	1014	Lime
721	730	Lime Gray	1014	1027	Red Rock
730	735	Sdy Lime	1027	1035	Red Rock
735	740	Shale	1035	1043	Red Rock
740	751	Sh. Brown	1043	1049	Sand White
751	755	Sh. Red & Gray	1049	1053	Sand
755	765	Shale Brown	1053	1057	Red Rock
765	775	Shale Blue	1057	1064	Red Rock, Tough
775	801	Shale Blue	1064	1065	Sand, Red
801	806	Lime Gray	1065	1073	Sand Red
806	819	Shale Sandy	1073	1075	Red & Gray Shale
819	825	Lime & Pyrite of Iron	1075	1077	Red Sand
825	834	Lime Gray & Br. Sdy	1077	1083	Red Rock
834	848	Water sand	1083	1096	Sand Red
848	852	Shale Blue	1096	1116	Sand Red
			1116	1131	Sand Red

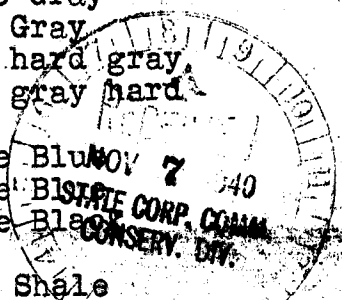


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11-7-40

FROM	TO	FORMATION	FROM	TO	FORMATION
1131	1142	Sand	2274	2284	Red Rock & Brown Lime
1142	1150	Sand Red	2284	2291	Blue & Red Shale
1150	1158	Sand Red	2291	2306	Lime Gray
1158	1185	Sand	2306	2310	Lime
1185	1190	R.R. & Broken Lime	2310	2325	Red Rock
1190	1197	Sand Red	2325	2335	Lime
1197	1205	Red Rock	2335	2344	Lime Brown Hard
1205	1238	Sand	2344	2350	Lime Gray
1238	1260	Sand Red	2350	2356	Lime Hard
1260	1270	Sand Red	2356	2364	Shale Gray some red
1270	1275	Red Rock	2364	2387	Red Rock
1275	1280	Red Rock	2387	2404	Lime Gray
1280	1285	Sand Red	2404	2417	Lime Gray & Brown Hard
1285	1300	Sand	2417	2421	Lime Firm
1300	1307	Sh & Dark Pyrite Iron	2421	2436	Lime Broken
1307	1319	Sand Red	2436	2446	Lime Broken
1319	1324	Sand Red	2446	2464	Lime
1324	1331	Red Rock & Blk Shale	2464	2475	Lime Gray & Brown Hard
1331	1344	Red Rock	2475	2491	Lime Gray Broken
1344	1354	Sand Red Hard	2491	2500	Lime
1354	1357	Sand	2500	2516	Red Rock
1357	1361	Red Rock	2516	2520	Lime
1361	1366	Red Rock	2520	2555	Lime Brown
1366	1508	Red Rock	2555	2583	Lime Gray
1508	1516	Sand Red	2583	2590	Lime
1516	1598	Red Rock	2590	2605	Lime Broken, R.R. & Bl. S
1598	1600	Gyp & Lime Gray	2605	2610	Red Li & Red & Bl. Shale
1600	1602	Anhydrite	2610	2625	Lime, Dark Gray
1602	1604	Gyp & Lime	2625	2635	Lime Gray
1604	1607	Sand & Lime	2635	2646	Lime Gray & Red
1607	1610	Sand & Lime	2646	2654	Lime Dark Gray
1610	1612	Anhydrite & Lime	2654	2662	Lime Broken, R.R. & Bl. Sh.
1612	1644	Lime	2662	2677	Broken Lime
1644	1646	Red Rock	2677	2704	Lime
1646	1655	Red Rock	2704	2725	Lime Gray, Water
1655	1674	Red Rock & Gray Shale	2725	2735	Lime Gray
1674	1708	Red Rock	2735	2753	R.R. & Broken Lime
1708	1716	Red Rock	2753	2760	R.R. Blue Shale, Broken
1716	1721	Lime Gray			Lime
1721	1725	Blue Shale	2760	2773	Lime Gray
1725	1735	Red Rock	2773	2786	Lime Gray
1735	1749	Lime Gray Broken	2786	2790	Lime
1749	1771	Gray Shale & Blue	2790	2797	Black Shale
1771	1783	Reddish Brown Sh. & Lime Shells	2797	2817	Lime Gray
1783	1794	Red Rock & Blue Mixed	2817	2820	Shale Blue, SLM
1794	1825	Red Rock	2820	2828	Shale Bl & Gray
1825	1828	Red Rock	2828	2842	Shale Gray
1828	1847	Lime Gray & Brown	2842	2858	Shale Gray
1847	1864	Shale Blue	2858	2875	Lime Gray
1864	1903	Shale Blue	2875	2881	Lime hard gray
1903	1922	Lime Gray	2881	2910	Lime gray hard
1922	1947	Lime Gray & Brown	2910	2943	Lime
1947	1970	Broken Li & Bl. Shale	2943	2950	Shale Blue
1970	1974	Salt	2950	2964	Shale Black
1974	2010	Salt	2964	2971	Shale Black
2010	2032	Salt, Red & Gray	2971	2973	Lime
2032	2039	Li Red-Gray & Bl. Sh.	2973	2986	Blue Shale
2039	2043	Salt White & Red	2986	2998	Shale Black
2043	2070	Salt	2998	3005	Shale Black
2070	2105	Salt Red Mixed in	3005	3007	Shale Blue - Black
2105	2127	Salt	3007	3008	Shale & Lime Gray
2127	2165	Shale & Salt	3008	3016	Lime Gray Hard
2165	2180	Salt firm	3016	3022	Lime Gray Broken
2180	2191	Blue Shale & Lime	3022	3038	Shale & Lime
2191	2200	Lime Broken	3038	3046	Shale Dark
2200	2209	Lime Gray & Brown	3046	3051	Shale Red
2209	2229	Shale Blue & Brown	3051	3069	Shale Gray
2229	2274	Lime Gray	3069	3085	Shale Blue & Lime Broken

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FROM	TO	FORMATION	FROM	TO	FORMATION
3085	3100	Lime Gray & Brown & Blue Shale	3693	3700	Lime Gray
3100	3115	Gray Shale	3700	3705	Lime Broken
3115	3122	Lime Gray & Brown Broken	3705	3720	Lime Gray
3122	3137	Lime Gray & Brown	3720	3724	Shale Red & Blue
3137	3158	Lime Broken	3724	3732	Lime Broken
3158	3179	Lime Gray & firm	3732	3768	Lime Gray & Brown
3179	3207	Lime Gray & Brown	3768	3786	Lime Gray
3207	3245	Shale - Gray & Brown	3786	3797	Shale Red & Green
3245	3260	Shale Dark	3797	3806	Lime White
3260	3275	Lime Gray & Green Sh.	3806	3809	Shale Blue
3275	3290	Lime Gray & Brown	3809	3815	Lime Broken
3290	3293	Lime Gray	3815	3825	Gray Lime, R.R. Blue Sh.
3293	3301	Lime Broken	3825	3834	Red Shale
3301	3311	Sdy Lime (Wtr.)	3834	3845	Lime
3311	3326	Brown Lime	3845	3848	Lime, R.R. & Bl. Shale
3326	3342	Lime Gray & Brown	3848	3860	Red Shale & Red Chert.
3342	3355	Lime Brown, Gray, Hard	3860	3863	Lime Gray Hard
3355	3372	Lime Gray	3863	3866	Lime
3372	3390	Lime Gray Hard	3866	3874	Lime Brown
3390	3396	Lime Hard	3874	3881	Lime Brown, Sh. oil
3396	3410	Lime Hard Gray	3881	3885	Lime, More Oil
3410	3413	Lime Gray Hard	3885	3897	Lime & Chert, More Oil
3413	3417	Lime Brown & Gray Hard	3897	3908	Lime Hard. T.D. Hole filled up 2000 ^t with oil. Swabbed at the rate of 40 bbls per day before acidizing.
3417	3425	Lime Gray & Brown			
3425	3427	Lime Hard			
3427	3433	Lime Gray			
3433	3437	Shale Gray			
3437	3442	Lime Gray Hard			
3442	3449	Lime Gray			
3449	3454	Lime Gray			
3454	3456	Lime Gray & Brown			
3456	3464	Lime Gray			
3464	3476	Lime Gray & Green Sh.			
3476	3485	Lime			
3485	3495	Lime & Green Shale			
3495	3515	Lime Gray & Brown			
3515	3526	Shale Gray, green & Red			
3526	3541	Lime Wh. & flakey			
3541	3544	Lime White			
3544	3548	Shale Red & Green			
3548	3556	Lime White & Brown, Cherty			
3556	3565	Lime Brown			
3565	3588	Lime Gray & Brown			
3588	3596	Lime Gray & Brown & Red Rock			
3596	3604	Lime Gray & Brown			
3604	3613	Lime Broken			
3613	3621	Lime White & Brown, Rainbow showing			
3621	3629	Lime White, 1 B.W.			
3629	3638	Lime White			
3638	3643	Lime Gray			
3643	3650	Lime Gray & Brown, Sh. Oil			
3650	3658	Lime, Gray, Gas from 3643 to 3650			
3658	3665	Lime Gray			
3665	3668	Lime Gray			
3668	3675	Shale Blue & Red			
3675	3693	Lime Gray			

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