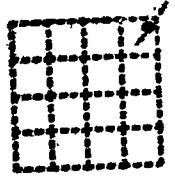


SHELL OIL CO., INC.
C.S.O. Well No. 1

SEC. 27 T. 32 R. 3E.
NEc NE
330' EL 330' NL NE $\frac{1}{4}$

Total Depth. 3476
Comm. 10-19-40 Comp. 11-24-40
Shot or Treated.
Contractor.
Issued. 12-14-40

County Cowley.



CASING.

85/8" 160'

Elevation.

Production. DRY.

Figures Indicate Bottom of Formations.

surface clay and sand		sand as above	2570	shale and grey	
shale, lime & chert	160	lime buff to cream,		calcareous sand	2800
lime & anhydrite	195	finely crystalline	2572	shale	2808
lime & shale	240	sand white fine appears		shaly shale	2815
shale lime Anhydrite	381	quartzitic in part	2580	lime buff crystalline	2818
lime & shale	1603	lime as above	2582	shale	2822
sand, white med coarse		sand wh fine	2595	shale and grey	
angular fair porosity	1615	lime cream to buff,		calcareous sand	2829
shale and lime	1633	crystalline, some white		shale	2831
sand	1658	chalky	2631	shale	2842
lime SLM 1665 No com	1664	lime cream to buff, finely		lime cream dense and	
shale	1669	crystalline, good porosity		crystalline	2853
sand	1675	on part due to solution		shale	2858
lime	1712	cavities, light scattered		lime cream to buff finely	
sand	1756	stain, slight		crystalline some	
shale	1768	gas odor	2644	brown dense	2869
lime	1803	lime cream to buff,		shale	2875
shale	1830	crystalline, oolitic in		lime as above	2879
shale	1847	part, no shows	2672	shale	2886
lime	1878	lime cream crystalline		lime as above	2892
sand	1900	oolitic in part,		shale	2892
shale	1912	scattered light stain,		lime cream to buff	2904
sand	1927	fair porosity due to		shale	2909
shale	2047	solution cavities,		lime buff to cream, crista-	
shale	2056	slight gas odor	2682	lline some brown to	
lime brown finely crystal-		shale blk	2685	grey dense	2928
line residinous, romoso		lime brown finely crista-		shale	2935
formanifera	2062	lline no shows	2691	lime as above, little	
shaly shale	2077	lime brown crystalline		chert	2947
sand wh fairly coarse		no shows	2695	shale	2952
med angular, tight some		shale green	2703	lime as above	2954
shale	2099	lime buff to cream,		shale	2970
sand wh fairly coarse		crystalline light		shale	2978
mod. angular, good		scattered stain	2709	shale blk	2980
porosity no shows	2125	shale blk	2711	shale	2986
shaly shale	2130	lime buff to cream,		gritty marl	2992
sand as above no sh	2152	crystalline	2714	shale	3013
sand as above, fair		lime buff to cream,		lime buff to cream,	
porosity no shows	2168	finely crystalline, some		crystalline	3016
shale	2182	chalk, oolitic in part		shale	3024
sand wh med coarse	2194	fair porosity due to		lime as above	3026
shale	2215	dissolved oolitics		shale blk	3040
sand	2218	and solution cavities		sand white	3044
shale	2221	light scattered		shaly shale	3051
shale	2233	stain	2720	shale blk	3055
sand	2238	lime buff to cream,		shale	3060
shale	2360	crystalline to coarsely		lime as above	3062
shale	2492	crystalline oolitic in		shale	3068
sand white med coarse	2493	part, fair porosity, due		shaly shale	3075
lime brown finely		partially to dissolved		shaly shale	3082
crystalline	2496	oolitics	2726	lime as above	3087
shaly shale	2505	slight increase in light		shale with few strks	
sand wh med grain, fair		stain.		of sand	3112
porosity no shows	2512	lime buff to cream and		lime white flakoy crystalline	
lime cream finely		brown, finely crystalline		brown to buff crystalline	
crystalline	2514	no shows	2749	dolomitic	3145
sand as above	2517	lime buff to cream, fine		lime as above	3155
shale	2520	to coarsely crystalline		lime as above, little	
sand as above	2545	light scattered stain	2752	brown finely crystalline	
lime buff, to cream,		shale	2758	lime	3169
finely crystalline	2550	lime cream dense	2762	OVER	
shale blk	2553	shale	2789		

SHELL OIL CO., INC.
 C.S. Oil No. 1, 27-32-3E.
 Cowley Co. NEc NE

lime, as above and shale
 grey hard 3175
 lime brown to grey Arbuckle
 dolomitic 3178
 lime as above 3270
 dolomitic lime brown grey
 Arbuckle trace chert 3271
 shale dark grey 3295
 lime white crystalline 3303
 shale blk waxy 3319
 shale blk waxy 3332
 shale blk waxy 3343
 shale brownish blk 3405
 shale as above 3418
 sand trace stain 3420
 dolomite chert and little
 light stain 3423
 3423 equals 3424 SIC
 Core No. 1 Cored 3424-3429 Rec 5'
 dolomite grayish cream chert and
 traces of oil, sulphur odor
 at top 3429
 Core No. 2 Cored 3429-3434 Rec. 1 1/2'
 dolomite buff, crystalline with
 light spotted stain and good
 odor, no free oil, no sat. 3434
 dolomitic lime, buff, crystalline
 fair porosity, little light
 stain, some chert, 3445
 dolomite lime as above 3451
 dolomite grey brown no stain
 little chert 3459
 dolomite buff crystalline, fair
 porosity, little dead oil
 stain 3463
 dolomite as above, 3473
 dolomite coarsely crystalline 3476
 Total Depth.

Drilled 3434-3436 slight odor no stain.
 Drilled 3436-3438 slight odor no stain.
 Drilled 3438-3443 slight odor no stain.
 Drilled 3443-3448 no odor no stain
 Drilled 3448-3453 no odor no stain.
 Drilled 3453-3458 no odor no stain
 No show 3468-3476

Conditioned hole and ran Schlumberger which showed
 water in Arbuckle below 3425 and insufficient
 porosity from 3421-3425 to contain oil. No oil show
 above Arbuckle. Conditioned hole 3 hours. Preparing
 to run Halliburton drill stem test.

Set Packer at 3425. Tool open 16 min. Recovered
 2680' of fluid, Top 730' mud and water, next 1950'
 water, slightly gassy with sulphur odor. Seum of
 oil in lower part.

Top Miss lime 3112
 Arbuckle dolomite 3421