

Location. NW SE SE
977' EL 1024 SL SE $\frac{1}{2}$ DEEPENING RECORD.

Casing Record.

County. McPherson.

MAY 29 1933

10" 1897 Farm. P.F. Neufeldt No. 1
 20" 130 8 $\frac{1}{4}$ " 2385 Company. L. Spencer and Shell.
 15 $\frac{1}{2}$ " 350 65/8" 3034 Contr.
 12 $\frac{3}{4}$ " 1640 53/16" Comm. 9-7-32 Comp. 10-13-32
 Total Depth. 3460 Shot Quarts Between.
 Correspondence Regarding This Well Should Be Referred To.

Elevation.

Figures Indicate Bottom of Formations.

Initial Production.

Date Issued. 5-27-33

Flow 330 bbls in 24 hrs.

Formation	Depth	Formation	New Prod. Pump	Flow 330 bbls in 24 hrs. (TD 3100)
clay	40	red rock	1600	Depth.
sand	130	lime	1605	variegated shale and shells 2950
shale	200	shale	1615	shale & shells 3016
lime	210	red rock	1620	shale & shells 3032
shale	350	shale	1690	Top of chat 3032 Smell
shale & shells	500	lime	1738	of gas.
shale and lime	525	shale	1745	chat 3034
red rock	530	lime	1750	chat 3039
lime	575	shale	1770	Gas estimated at $\frac{1}{2}$ Million.
red rock	580	sand and shale	1780	chat little red and green shale 3050
lime	640	8 BW 1770-80		no increase.
red rock	645	shale	1810	chat 3055.
lime	770	lime	1870	Increase gas Est $\frac{1}{2}$ Million
shale	775	shale	1875	chat 3070
lime	780	lime	1893	show oil $\frac{3}{4}$ Million gas.
red rock	785	HFV 1885-95		estimated total.
lime	850	shale	1896	chat 3075
shale and lime	865	lime	1912	no increase.
lime	875	shale	1920	chat 3080
shale	880	lime	1930	show free oil.
red rock	890	shale sdy	1937	chat and green shale 3088
shale and lime	910	3 BW 1930-37		increase oil show.
shale and shells	990	lime	1955	chat 3090
shale	995	shale	1980	no increase.
lime	1020	lime	2105	chat 3093
broken lime	1035	shale	2110	gas increase to one million
shale	1055	lime	2130	chat 3096
broken lime	1060	shale	2135	flow oil increase. Gas
1BW 1050		lime	2140	increase estimate 2 Million
shale and lime shells	1120	shale	2148	gas. Total. flow 11 to 11:15
lime	1135	red rock	2155	P.M. into pits. into trap
lime	1165	lime	2160	11:30 PM 10-13-32 flow by
shale	1180	shale	2167	heads 105 bbls 6 $\frac{1}{2}$ hrs.
shale and lime	1200	sand HFV 2167	2205	ending 6 AM 10-14-32. flow
shale	1235	shale	2215	200 bbls 1st 12 hours.
red rock	1240	sand	2250	chat 3100
shale	1250	sdv shale	2290	flow thru tubing agitated
lime	1255	lime	2298	by rods. flowed 9 hours
shale	1285	sdv shale	2325	agitated 3 hours. flow
red rock	1290	lime	2328	200 bbls 12 hours from
shale	1310	sand water	2338	daily gauge and well
lime	1315	lime	2340	report 10-20-32
shale	1320	shale	2345	TD. 3100
red rock	1325	red rock	2350	
shale	1350	lime	2365	
sand	1360	shale	2375	
5 BW 1355		shale	2393	flow 330 bbls in 24 hrs.
red rock	1380	shale	2510	through tubing. 10-22-32.
shale	1410	2 BW 2490		
lime	1415	sand HFV	2530	8 $\frac{1}{2}$ UR 2557
red rock	1420	lime	2588	
lime	1430	shale	2595	Over.
shale	1450	lime	2605	
lime	1462	lime	2760	
shale	1505	1 BW 2745		
lime	1510	shale	2767	
shale	1515	lime	2800	
lime	1535	shale	2805	
shale	1540	lime	2820	
lime	1550	shale and shells	2840	
shale	1555	red rock	2843	
shale and shells	1575	lime	2905	
lime	1587	shale	2915	
shale	1595	lime	2922	

P. F. Neufeldt Number. 1. L. Spencer and Shell.
16-21-3W. McPherson County.

Formation	Depth.
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DEEPENING RECORD.

Old T.D.	3100
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Comm. 4-5-33 Comp. 5-1-33

Prod. Pump 130 bbls in 24 hours.

chat	3101
chat	3120
lime	3130
lime	3158
Top of Kinderhook.	
shale	3200
shale	3230
ran 65/8 casing set 3230 UR from 3130	
shale	3310
shale	3400
shale	3413
lime	3417
Top of Trenton 3413	
lime	3439
shale	3443
Top of Decorah shale 3439	
sdv shale	3452 show oil
sand	3460 show oil
600' oil 3452-54. 800' oil in 8 hours 3454-57	
no Increase in fluid 3457-60 shot with 15 qts 3452-59	
TD.	

Pump 150 bbls in 24 hours. 5-8-33.

Pump 130 bbls in 24 hours 5-9-33.

5 3/16 3417 Top if liner 3088

3740
3142
300
+