

Location NW cor NE NE.

Sec. 4

T. 4

R. 7E

MAR 10 1930

Casing Record

County- Marshall.

10" 1365 Farm- Cathorine Finn No. 1
 15" 65/8" Company- Marshall Co. Syndicate Co.
 12" 750 53/16" 2915 Contr.-
 Comm.- 8/28/1926. Comp.- 5-23-29
 Total Depth 3935 Shot Quarts Between
 Correspondence Regarding This Well Should Be Referred to

Elevation 1370

Figures Indicate Bottom of Formations.

Initial Production Dry.

Date Issued. 3/8/1930.

1338 from another record

Formation	Depth	Formation	Depth	Formation	Depth
cellar	7	shale blue	1171	Amorphous lime white	
yellow hrd pan	27	shale brown	1176	fine	2065
LoKota sand	65	lime white	1206	shale greenish white	
shale green	70	shale white	1226	fine	2067
red rock	85	lime gray	1270	Argillaceous lime	
shale blue lgt	110	lime white	1295	gray course	2073
red rock	125	shale black	1305	Amorphous lime	
shale lgt	150	lime gray	1325	gray course	2075
sand stone gray	200	shale blue	1335	Calcareous shale	
shale blue	220	lime gray	1365	green course	2125
red rock	230	shale drk	1370	(Decorah shale 2075-2125)	
lime gray	245	lime lgt	1390	Arenaceous lime gray	
red rock	250	lime	1395	fine	2150
lime	260	(First wtr found in hole)		(Plotteville lime 2125-50)	
shale blue	270	shale drk	1415	Quartz sand white fine	2160
lime	300	lime white	1425	Argillaceous sandstone red	
shale red	330	shale brown yellow		course Showing	2165
sand (showing oil)	340	cast	1435	Argillaceous sandstone	
shale blue	370	reddish shale	1443	brown coarse	2170
shale lgt	385	lime	1445	Quartz sand white coarse	
shale blue	400	red shale	1465		2180
limestone	425	lime gray	1470	sdv shale brown fine	2185
shale blue	475	shale red	1493	sdv shale brown fine	2200
shale lgt	485	lime hrd-Miss.	1495	(St. Peter sand 2150-2200)	
shale drk	515	shale red	1520	Limonite stained Quartz red	
red rock	520	lime white -Miss	1670	fine	2210
shale blue	545	lime gray	1690	Arenaceous lime gray fine	
red rock	570	lime white	1745		2220
shale blue	575	lime drk, pyraties		Porphyry & shale brown	
red rock	590	iron	1750	coarse	2245
shale blue	640	shale green	1755	Porphyry & shale green	
red rock	650	lime drk sft	1770	coarse	2250
sand (oil showing)	660	lime gray	1800	Porphyry & shale brown	
red bed	680	sand showing oil	1810	coarse	2265
lime	685	(Total production at		Arkose Feldspathic sandstone	
red rock	690	least 5 bls.)		or Granitic sandstone gray	
shale blue	705	brkn shale	1811	fine	2277
sand	715	sand brown	1830	Limonite Stained Quartz	
lime & shale	740	sdv lime	1840	red fine	2285
shale white	790	sand gray	1890	Limonite Stained Quartz	
red rock	800	sand gray & blue	1915	brown fine	2290
shale white	830	sdv lime	1945	Showing 2290-2293'	
shale blue	850	Arenaceous lime		Limonite Stained Quartz	
lime & shale	860	white fine	1950	brown fine	2300
shale blue	895	Argillaceous lime		Limonite Stained Quartz	
lime	900	gray fine	1955	red fine	2305
shale blue	920	Argillaceous lime		Quartz Sand red fine	2318
lime & shale mixed	970	white	1965	Arkose, Feldspathic sand-	
limestone	980	Argillaceous lime		stone or Granitic sandstone	
shale black	1015	white	1980	red fine	2320
lime white	1031	Amorphous lime, bluish		Limonite Stained Quartz red	
shale blue	1035	white	1990	fine	2350
lime	1040	Amorphous lime white,		Limonite stained Quartz	
shale black	1047	course	2010	brown fine	2355
lime stone	1105	Amorphous lime		Quartz Porphyry brown	
shale black	1107	white	2015	coarse	2375
lime gray	1127	Argillaceous lime,		(Showing 2375-85')	
shale black	1135	greenish white, fine	2025	Porphyry brown coarse	
shale red	1145	(Galena lime 1945-2025)			2385
lime gray	1150	shale green course	2035	Arkose, Feldspathic sand-	
red bed	1165	Amorphous lime white		stone or Granitic sand-	
		course	2060	stone red fine	2418
		(OVER)			

Formation	Depth
sandstone or granitic sandstone	
red coarse	2433-
(Bituminous shale red coarse	2435-
& Porphyry	
Top of Cherokee, showing	
Bituminous shale & Porphyry	
black fine	2445
Showing from 2435- 2600	
Bituminous sdy shale black	
fine	2460
Bituminous shale & Porphyry	
black fine	2467
sandy shale brown fine	2555
sdv shale brown coarse	2560
sdv shale brown fine	2570
sdv shale & Porphyry brown	
fine	2595
Literite sdy shale red fine	2600
sdv shale & Porphyry black	
fine	2610
Arpse, shale & Porphyry brown	
course	2615
Feldspathic sandstone red,	
very fine hrd	2625
Bituminous sdy shale black	
fine	2634
Showing 2634-2642	
Bituminous shale & Arkose	
black course	2636
Bituminous sdy shale black	
very fine	2639
Bituminous shale & Arkose black	
course	2642
Bituminous sdy shale black	
very fine	2645
Bituminous shale & Arkose	
black course	2648
Bituminous shale & Arkose	
black course	2650
Bituminous sdy shale black	
very fine	2656
Bituminous shale & Arkose	
black course	2680
Bituminous sdy shale black	
very fine hrd	2685
Bituminous shale & Arkose	
black course	2690
Bituminous sdy shale black	
fine	2695
Bituminous sdy shale black	
fine	2705
Bituminous shale & Porphyry	
black course hrd	2707
Showing 2707-2710	
Quartzite sandstone brown	
course hrd	2710
Quartzite sandstone brown	
fine	2718
Carbonaceous shale & Arkose	
Porphyry brown course	2723
Quartzite sandstone brown	
fine	2730
Carbonaceous shale & Arkose	
brown course	2732
Carbonaceous sdy shale	
brown fine	2735
Quartzite sandstone red	
fine	2737
Argillaceous Quartzite	
sandstone brown fine	2750
Bituminous sdy shale	
black fine	2757

Formation	Depth
Bituminous sdy shale brown fine	2762
Bituminous shale & Arkose	
brown course	2765
Bituminous sdy shale brown fine	2815
Showing 2767-2775	
Good showing 2778-2815	
Argillaceous Quartzite sandstone	
brown fine	2820
Bituminous sdy shale brown fine	2825
Showing 2825-2900	
Bituminous shale & Porphyry brown	
fine	2830
Bituminous shale & Porphyry brown	
coarse	2835
Bituminous sdy shale brown coarse	
	2840
Bituminous sdy shale brown fine	2856
Bituminous shale & Porphyry brown fine	
	2858
Bituminous sdy shale brown fine	2862
Argillaceous Quartzite sandstone	
brown coarse	2870
Bituminous sdy shale brown fine	2890
Bituminous shale brown fine	2900
Crystalline Quartzite white & red	
coarse (Gas sand)	2903
Argillaceous Quartzite sandstone brown	
fine	2907
Showing 2907-2960	
Bituminous shale & Porphyry brown	
fine	2915
Bituminous shale & Porphyry black	
fine	2925
Bituminous sandy shale black fine	
	2940
Bituminous sdy shale & Porphyry	
brown fine	2945
Argillaceous Quartzite sandstone	
black fine	2950
Argillaceous Quartzite sandstone	
black fine	2960
Carbonaceous sdy shale brown	
fine	2990
Showing 2995- 3010	
Argillaceous sandstone black fine	
	2995
Argillaceous sandstone black	
fine	3010
Crystalline Quartzite gas sand,	
white & red coarse	3015
Bituminous shale & Porphyry brown	
fine	3020
Calcareous shale gray	
(Fine showing)	3032
Arkosic quartzite, red shaley	
zones; contains arthoclose,	
quartz & some mica	3935
TD	3935

Ballard Sample

Top H 1550?

Top Mag 1750?

✓ 1800?

Samples St Peter

Aib

Top Pre C

2150-2210

2210-2220

2220