

ORIGINAL

4-14-22 E

27-1-20

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES - ROLL, MO.

COUNTY Johnson LOG NUMBER _____COMPANY OR OWNER SagaminFARM Freund WELL NO. 22ELOCATION 1 SE NW SEC. 4 T. 14 R. 27CONTRACTOR Earl Smith

DRILLER _____ TOOL DR. _____

COMPLETED 1/30/42 COMPLETED 7/11/42

PRODUCTION _____ PLOTTED _____

CISTERN PRODUCE _____

WATER RESERVE _____

SOURCE OF LOG Roster for Earl Smith ELEV. 983.8' 984.8 DFREMARKS _____ TOTAL DEPTH 853

CHEM. ANAL. NO. _____

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FORMATION	THICK	DEPTH	FORMATION	THICK	DEPTH
Soil	2	2	Lime	1	213
Yellow clay	2	4	Shale black	5	218
Sandstone	13	17	Water	213-218	4' under
limy sand	5	22	Lime	6	224
Blue mud	7	29	Shale gray	6	230
lime hard	8	37	lime	2	232
shale gray	4	41	Sand & shale gray	18	250
lime hard	1	42	Shale gray muddy	15	265
Shale gray	7	49	lime	1	266
lime	12	61	Shale dark	5	271
Shale	19	80	lime	1	272
lime - water	72	152	Shale dark	2	274
1' Butter at base of	45	197	lime	30	304
Shale blue sandy	11	208	Shale dark	6	310
lime hard	11	208	lime	24	334
lime dark shale dark	4	212	Shale black	4	338
			lime	4	342

Shale dark 4 346 SLM 347 ⁴⁻¹⁴⁻²² corrected Page 2
 Limestone 6 1/2 355-6 Hertha

ORIGINAL

Shale white 6' 356 6 1/4 casing 7/7/42
 Shale light 24 380 reamed to 356 8" hole
 Shale 60 440 dark gray & sandy

Shale dark gray 25 465
 Shale light & sandy 15 480
 Shale gray 47 527
 Limestone 4 531

Shale gray 25 533
 Limestone 3 536

Sagamore oil & gas
 #2 Fracend

Shale dark 1 537 SLM 6 1/4 casing
 Limestone 3 540

Shale gray 10 550
 Limestone 10 560

Sand gray 7 567 no gas (no gas)
 Shale dark 6 573

Limestone 3 576
 Shale black 4 580 gas bubbles
 Limestone 3 583

Shale gray & sandy 5 588
 Limestone 4 592

Shale gray 3 595
 Reddish 6 601
 Shale light blue 5 606

Shale black 5 611
 Shale gray 4 616
 Limestone 1 616

Shale gray 4 620
 Limestone 2 622
 Shale gray 52 674
 Limestone 1 675

Shale dark 20 702
 1 703 SLM 706 gas bubbles
 7/11/42

Shale sandy 3 709
 Shale dark 12 721
 Limestone 2 723
 Shale blue 7 730
 Shale light 10 740
 Shale dark 772
 Limestone 774
 Shale dark & sandy 790
 Shale light 805
 Limestone 806
 Shale dark 815
 Shale sandy dark 824
 Shale gray sandy 842
 Shale thin black 853