



Permit 1015

State of Florida
DEPARTMENT OF NATURAL RESOURCES

INTEROFFICE MEMORANDUM

July 14, 1980

TO: Permit 1015 Well Files

FROM: Charles H. Tootle

SUBJECT: Frances Exum Well No. 34-15 Formation Waters Chloride Contents
by Geophysical Well Logs Analysis

Depth (ft.)	Log Resistivity (ohm-meters)	Sonic Porosity (%)	Temp. (°F.)	Formation Water Resistivity (ohm-meters)	Chlorides Content (ppm)
200	900	0	82	- -	- -
250	140	0	83	- -	- -
300	290	41	83	48.7	less than 500
350	160	37	84	21.9	less than 500
400	180	37	84	24.6	less than 500
450	150	27	85	10.9	less than 500
500	150	44	85	29.0	less than 500
550	190	39	86	28.9	less than 500
600	180	46	86	38.1	less than 500
650	250	0	87	- -	- -
700	59	50	87	14.8	less than 500
750	140	47	88	30.9	less than 500
800	270	60	88	97.2	less than 500
850	520	26	89	35.2	less than 500
900	210	44	89	40.1	less than 500
950	69	40	90	11.0	less than 500
960	65	47	90	14.4	less than 500
970	60	39	90	9.1	less than 500
980	60	36	90	7.8	550
990	48	44	90	9.3	less than 500
1000	39	42	90	6.9	600
1010	38	39	90	5.6	750
1020	35	37	90	4.8	870
1030	36	30	90	3.2	1350
1050	46	25	91	2.9	1500
1100	95	08	91	0.61	(7700?)
1150	22	46	92	4.7	880
1200	43	22	92	2.1	2100
1250	520	03	93	0.47	(9800?)
1300	140	05	93	0.35	(13000?)
1350	110	16	94	2.8	1500
1400	96	10	94	0.96	4700
1450	41	27	95	3.0	1350
1500	150	27	95	10.9	(less than 500?)
1550	26	39	96	4.0	990
1600	20	37	96	2.7	1500
1650	49	25	97	3.1	1300
1700	19	39	97	2.9	1350

CHT/sr

Permit 1015

TO: Permit 1015 Well Files

December 18, 1980

FROM: Charles H. Tootle

SUBJECT: Chloride Content of the Formation Waters of the Frances Exum Well No. 34-15 in Taylor County, FL

Depth (ft.)	Log Resistivity (ohm-meters)	Sonic Porosity (%)	Fm. Water Resistivity (ohm-meters)	Temperature (°F.)	Chloride Content (ppm)
1800	580	5	1.45	98	2,800
1900	1700	3	1.53	99	2,700
2000	42	14	0.82	100	5,200
2100	5.5	17	0.16	101	30,000
2200	50	1	0.01	102	? saturated
2300	58	2	0.02	103	? saturated
2400	30	5	0.08	104	66,000
2500	1.3	26	0.09	105	56,000
2600	1.4	26	0.09	106	56,000
2700	1.2	24	0.07	107	72,000
2800	1.7	20	0.07	108	72,000
2900	1.9	31	0.18	109	24,000
3000	2.1	33	0.23	110	18,000
3100	2.7	20	0.11	111	41,000