BAKER HUGHES
Baker Atlas

HR Vertilog

Magnetic Flux Leakage Inspection

Advanced Analysis

Company	Inergy Midstream
Well	US Salt #58
Field	US Salt
County	Schyler
State	New York
Location:	

Section N/A	Township N/A	Range N/A

Date	Mar. 24, 2011
Service Order	US597518
Recorded by	A. Anderson
Witnessed by	Mr. Barry Moon
API Serial No.	N/A

Permanent Datum:	G.L.	Elevation:	0.000 ft.	Depth	2170.000
Log Measured From:	M.G.	2.000	ft. above Perm. Datum	Btm. Log Interval	2159.200
Drilling Measured From:	K.B	0.000	ft. above Perm. Datum	Top Log Interval	-3.130
				Fluid Type	Fresh Water

Casing Data

Size	Weight	Grade	From	To	Length
9 5/8 inch	36.0 lb/ft	J55	0	2183	2183.0

Equipment Data

Tool	7 to 9-5/8 Inch HRVRT 96 FL + 96 DIS Tool
Magnetizer	7 to 9-5/8 Inch HRVRT 96 FL + 96 DIS Tool
Telemetery	MUX-DB
Software Version	4.3.2.0

In making interpretations of logs our employees will give customer the benefit of their best judgement. But since all interpretations are opinions based on inferences from electrical or other measurements, we cannot, and we do not guarantee the accuracy or correctness of any interpretation. We shall not be liable or responsible for any loss, cost, damages, or expenses whatsoever incurred or sustained by the customer resulting from any interpretation made by any of our employees.

Remarks

Thank you for choosing Baker Atlas.
Crew on your location : M. Cutlip , Dave Will.
JCGR 8.5" ran to 2170.
N/A = not applicable.

Engineer's remarks are included above.
While no outer casing string is listed on the log heading, an outer casing string exists, size, weight, and grade unknown. Log depth of bottom of this string: 163.75 ft.
Outer casing string collars are present on the FL signal in some intervals, see 42.64 ft., for example.
Centralizers are present at the following depths: 915.76, 1318.03, 1721.87, 2083.03, and 2125.71 ft.

Joint Interpretation Summary

Joint	From	To	Length	Class	Max Depth	Position	Type	ID/OD
1	-3.13	25.44	28.57	Class 1	-	-	-	-
2	25.44	67.19	41.75	Class 1	-	-	-	-
3	67.19	109.75	42.56	Class 1	-	-	-	-
4	109.75	153.90	44.15	Class 1	-	-	-	-
5	153.90	199.25	45.35	Class 1	-	-	-	-
6	199.25	246.06	46.81	Class 1	-	-	-	-
7	246.06	293.08	47.02	Class 1	-	-	-	-
8	293.08	338.69	45.61	Class 1	-	-	-	-
9	338.69	383.59	44.90	Class 1	-	-	-	-
10	383.59	425.89	42.30	Class 1	-	-	-	-
11	425.89	466.35	40.46	Class 1	-	-	-	-
12	466.35	513.07	46.72	Class 1	-	-	-	-
13	513.07	558.52	45.45	Class 1	-	-	-	-
14	558.52	603.56	45.04	Class 1	-	-	-	-
15	603.56	645.45	41.89	Class 1	-	-	-	-
16	645.45	692.65	47.20	Class 1	-	-	-	-
17	692.65	739.45	46.80	Class 1	-	-	-	-
18	739.45	782.65	43.20	Class 1	-	-	-	-
19	782.65	825.85	43.20	Class 1	-	-	-	-
20	825.85	872.87	47.02	Class 1	-	-	-	-
21	872.87	915.72	42.85	Class 1	-	-	-	-
22	915.72	962.49	46.77	Class 1	-	-	-	-
23	962.49	1008.32	45.83	Class 1	-	-	-	-
24	1008.32	1053.35	45.03	Class 1	-	-	-	-
25	1053.35	1097.60	44.25	Class 1	-	-	-	-
26	1097.60	1141.42	43.82	Class 1	-	-	-	-
27	1141.42	1185.17	43.75	Class 1	-	-	-	-
28	1185.17	1229.56	44.39	Class 1	-	-	-	-
29	1229.56	1272.73	43.17	Class 1	-	-	-	-
30	1272.73	1317.99	45.26	Class 1	-	-	-	-
31	1317.99	1363.59	45.60	Class 1	-	-	-	-
32	1363.59	1408.29	44.70	Class 1	-	-	-	-
33	1408.29	1452.17	43.88	Class 1	-	-	-	-
34	1452.17	1497.44	45.27	Class 1	-	-	-	-
35	1497.44	1542.12	44.68	Class 1	-	-	-	-
36	1542.12	1588.92	46.80	Class 1	-	-	-	-
37	1588.92	1633.05	44.13	Class 1	-	-	-	-
38	1633.05	1680.18	47.13	Class 1	-	-	-	-
39	1680.18	1721.73	41.55	Class 1	-	-	-	-
40	1721.73	1765.00	43.27	Class 1	-	-	-	-
41	1765.00	1809.42	44.42	Class 1	-	-	-	-
42	1809.42	1852.43	43.01	Class 1	-	-	-	-
43	1852.43	1899.05	46.62	Class 1	-	-	-	-
44	1899.05	1945.76	46.71	Class 1	-	-	-	-
45	1945.76	1992.52	46.76	Class 1	-	-	-	-
46	1992.52	2035.67	43.15	Class 1	-	-	-	-
47	2035.67	2082.95	47.28	Class 1	-	-	-	-
48	2082.95	2126.40	43.45	Class 1	-	-	-	-
49	2126.40	2159.20	32.80	Class 1	-	-	-	-

Inergy Midstream US Salt #58
Files 20110324_10444A_PHR.MVL 20110324_10444B_PHR.MVL

MAIN LOG 5"/100'

Class 1	Class 2	Class 3	Class 4
0 - 20%	20 - 40%	40 - 60%	60 - 100%

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EXPANDED SCALE – TOP OF WELL

Class 1	Class 2	Class 3	Class 4
0 - 20%	20 - 40%	40 - 60%	60 - 100%

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well 58 File