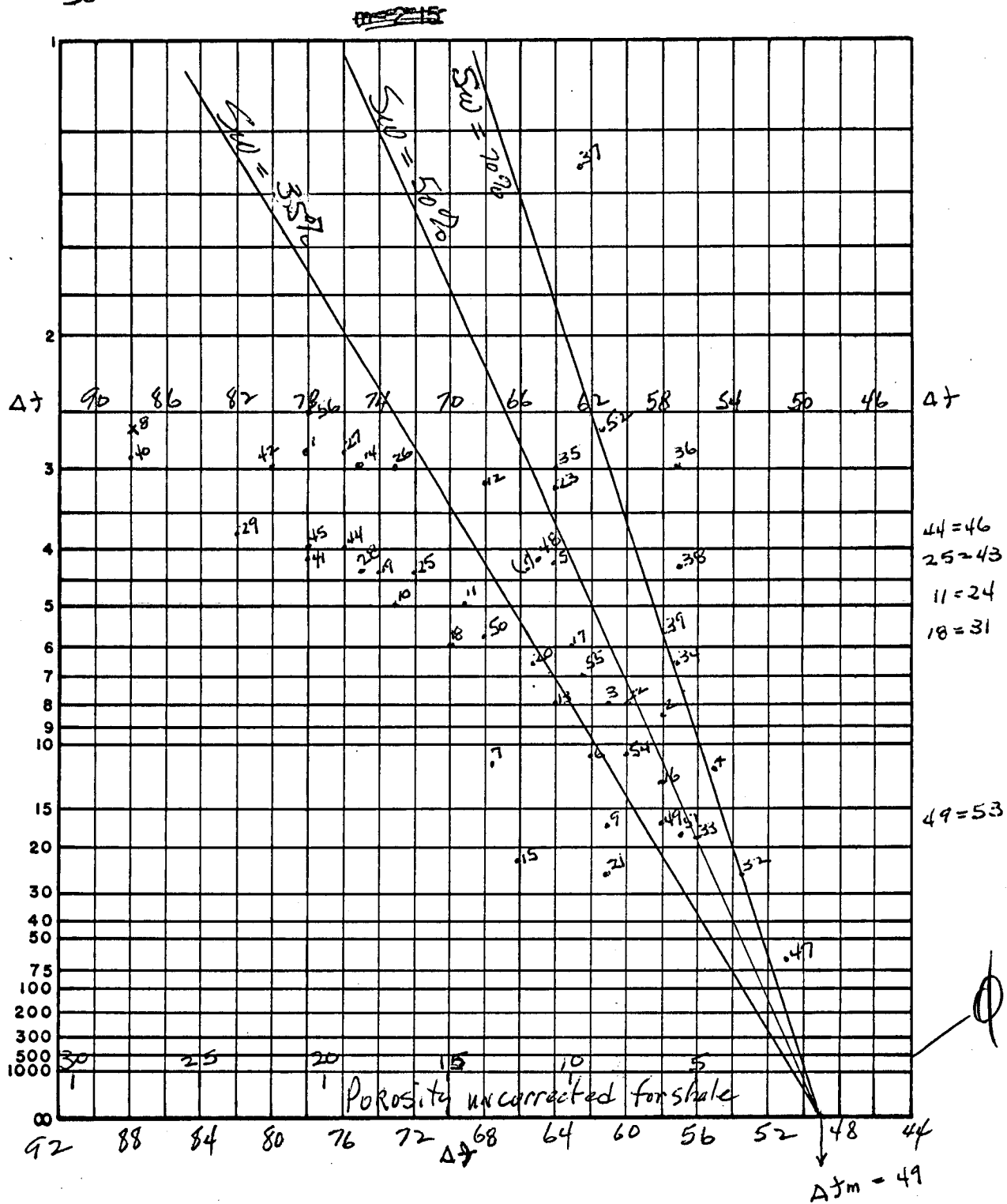


Company AKCO
 Well Green Gas Unit Well #2
 Field Sec. 12 24S 37W
 County Kearny State Kansas
 -30

Formation Council Grove
 Water Resistivity 0.05
 Interval _____
 Date of interpretation 5 January 1976





A Halliburton Company

 $M = 1.7$
 or 1.3

DATA SHEET FOR LOG ANALYSIS

Page 1 of 2

 COMPANY
 WELL
 FIELD
 LOCATION
 COUNTY
 FORMATION

ARCO

 Kearny STATE Kansas
 Council Grove

BIT SIZE

7 7/8"

R M

@

OF

R M F

0.042

@

98

OF

R M C

@

OF

DATE

5 January 1975

BY

Dick Short

	DEPTH	Δt	R _{quad}	ϕ	Permeable	SW	Perforate	REMARKS
1	2812-2814	78	2.8	20.5	+	<35	✓	SW
2	2818-2820	58	8.5	6.	?	>50		8-95 ✓ 100
3	2824-2826	61	8.	8.	+	<50	✓	10-62 ✓
4	2827-2829	55	11.	4.5	-	>70		5-100 ✓
5	2829-2831	64	4.2	10.5	?	<50	✓	5-100 +
6	2831-2833	62	10.5	9.	+	35	✓	10-62 ✓
7	2834-2836	67.5	11.	13.5	+	<35	✓	15-40 ✓
8	2836-2838	88.	2.6	shale				10-58
9	2838-2842	61.	16.5	8.	+	<35	✓	10-58 ✓
10	2848-2850	73	5.	17.	+	<35	✓	16-59 +
11	2850-2852	69	5.	14.5	+	<35	✓	16-59 ✓
12	2852-2855	68	3.1	14.	+	<50	✓	15-80 ✓
13	2855-2858	64	8.	10.5	+	35	✓	12-62 ✓
14	2858-2860	75	3.	18.5	+	<35	✓	
15	2866-2868	66	21.	12.	+	<35	✓	6-85 +
16	2868-2870	58	13.	6.	?	50		8-78 ✓
17	2870-2872	63	6.	10.	+	<50		12-68 ✓
18	2876-2879	70	6.	15.	+	<35	✓	16-53 ✓
19	2882-2884	74	4.4	18.	+	<35	✓	
20	2884-2887	65	6.5	11.5	+	35	✓	13-64 ✓
21	2890-2893	61	25.	8.	+	<35	✓	Tite
22	2911-2913	60	8.	7.5	?	50		9-89 ✓
23	2913-2914	64	3.2	10.5	?	>50		12-95 ✓
24	2914-2916	Av. 69	5.	14.5	+	<35	✓	17-56 } ✓
25	2916-2918	72.	4.4	16.5	+	<35	✓	17-56 } ✓
26	2918-2920	73	3.	17.	+	<35	✓	20-62 } ✓
27	2920-2922	76	2.8	19.	+	<35	✓	20-62 } ✓
28	2922-2924	75	4.4	18.5	+	<35	✓	

 BBLs. OF HYDROCARBONS IN PLACE PER ACRE-FOOT = 7758 X ϕ (1 - SW).

Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations agrees that



A Halliburton Company

DATA SHEET FOR LOG ANALYSIS

Page 2 of 2

COMPANY
WELL
FIELD
LOCATION
COUNTY
FORMATION

ARC
Green Gas Unit Well #2
Sec. 12 24S 37W
Kearny STATE Kansas

BIT SIZE

R M @ OF
R M F @ OF
R M C @ OF
DATE 5 January 1976
BY Dick, Stuart

	DEPTH	Δt	R _{guard}	* φ	Permeable	SW	Porosity	REMARKS
29	2924-2926	82	3.8	24.	+	<35	✓	1" cake
30	2926-2930	92	0.8	30.5	+	<35	✓	1" cake
31	2930-2934	70	6.	15.	+	<35	✓	
32	2936-2938	53.5	25.	3.	-	>70		T. te
33	2938-2940	56	19.	5.	?	>50		6-81 ✓
34	2945-2947	57	6.5	5.5	-	>70		8-100 ✓
35	2947-2948	64	3.	10.5	?	>50		12-90 ✓
36	2950-2952	57	3	5.5	-	>70		1" cake 7-100 ✓
37	2952-2954	62.5	1.3	9.	-	>70		← Pass fracture
38	2954-2956	57	4.3	5.5	-	>70		
39	2956-2960	58	5.7	6.	-	>70		
40	2960-2964	88	2.9	28.	+	<35	✓	
41	2966-2968	78	4.1	20.5	+	<35	✓	
42	2968-2970	80	3.	22.	+	<35	✓	
43	2975-2978	72	4.4	16.5	+	<35	✓	
44	2978-2980	76	4.	19.	+	<35	✓	
45	2980-2984	78	4.	20.5	+	<35	✓	shale
46	2984-2986	76	4.	19.	+	<35	✓	
47	2988-2990	51	70.	1.	-	>70		T. te
48	2992-2994	65	(?) 4.2	11.	+	<50	✓	8-70 } ✓
49	2994-2996	58	16.	6.	+	<50	✓	8-70 } ✓
50	2998-3010	Av. 68	Av. 5.8	14.	+	<35	✓	Admire(?) 14-68 } ✓ +
51	3018-3020	57	19.	5.5	?	<50		14-65 } ✓
52	3026-3029	61.5	2.7	9.	-	70		
53	3062-3065	58.	16.	6.	+	<50		8-72 ✓
54	3067-3070	Av. 60.	10.5	7.5	+	<50	✓	9-74 ✓
55	3080-3082	62.5	7.	9.5	+	<50	✓	8-75 +
56	3049-3051	78	2.5	20.5	+	<35	✓	

BBLs. OF HYDROCARBONS IN PLACE PER ACRE-FOOT = 7758 X φ (1 - SW).

Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations agrees that