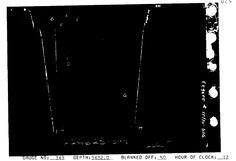
HALLIBURTON
SERVICES

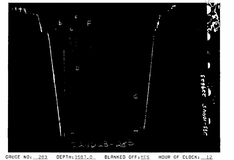
TICKET NO. 20362300
10-20-85
FORMOSATOW

FORMATION TESTING SERVICE REPORT



GAUGE NO.: 349 DEPTH: 3432.0 BLANKED OFF: NO HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE MINUTES	PRESSURE MILLIVOLTS	TIME MINUTES	TIME MILLIVOLTS	TYPE
B	INITIAL HYDROSTATIC	2117	2128.5			
B	INITIAL FIRST FLOW	189	190.4	15.0	15.4	F
C	FINAL FIRST FLOW	277	297.6			
C	INITIAL FIRST CLOSED-IN	277	297.6	30.0	29.5	C
D	FINAL FIRST CLOSED-IN	801	833.4			
E	INITIAL SECOND FLOW	199	205.0	30.0	30.0	F
F	FINAL SECOND FLOW	303	292.9			
F	INITIAL SECOND CLOSED-IN	303	292.9	210.0	209.3	C
G	FINAL SECOND CLOSED-IN	1484	1431.1			
H	FINAL HYDROSTATIC	2117	2096.3			



GAUGE NO.: 283 DEPTH: 3387.0 BLANKED OFF: YES HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE MINUTES	PRESSURE MILLIVOLTS	TIME MINUTES	TIME MILLIVOLTS	TYPE
B	INITIAL HYDROSTATIC	2025	2039.0			
B	INITIAL FIRST FLOW	248	258.2	15.0	15.4	F
C	FINAL FIRST FLOW	361	377.1			
C	INITIAL FIRST CLOSED-IN	361	377.1	30.0	29.5	C
D	FINAL FIRST CLOSED-IN	974	984.0			
E	INITIAL SECOND FLOW	201	205.0	30.0	30.0	F
F	FINAL SECOND FLOW	281	291.6			
F	INITIAL SECOND CLOSED-IN	281	291.6	210.0	209.3	C
G	FINAL SECOND CLOSED-IN	1502	1520.1			
H	FINAL HYDROSTATIC	2025	2181.0			

EQUIPMENT & HOLE DATA

FORMATION TESTED: PICTURE CLIFF
GEL: PRE: 10.0 POST: 10.0
MUD WEIGHT: PRE: 9.0 POST: 9.0
CASING PERF.: (ft): 3500.0
HOLE OR CASING SIZE (in): 7.875
ELEVATION (ft): 6041.0
TOTAL DEPTH (ft): 3500.0
PACKER DEPTH(S) (ft): 3441, 3453
FINAL SURFACE CHOKE (in): 0.25000
BOTTOM HOLE CHOKE (in): 0.750
MUD WEIGHT (lb/gal): 11.50
MUD VISCOSITY (sec): 60
ESTIMATED HOLE TEMP. (°F):
ACTUAL HOLE TEMP. (°F): 120 @ 3583.0

TICKET NUMBER: 20362300
DATE: 6-23-85 TEST NO: 4
TYPE OST: OPEN HOLE
HALLIBURTON CREW:
FORMATION
TESTER: M. BELL
WITNESS: BILL CLARK
DRILLING CONTRACTOR:
A CONRACAO

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
	@ °F	ppm
	@ °F	ppm
	@ °F	ppm
	@ °F	ppm

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): @ °F
GAS GRAVITY: (air=1.000) (corr API)

SAMPLER DATA

PRIS AT SURFACE: 1000.0
CC OF GAS: 0.300
CC OF OIL:
CC OF WATER:
CC OF MUD: 1200.0
TOTAL LIQUID ml: 1200.0

CUSHION DATA

TYPE: AMOUNT: WEIGHT:

RECOVERED:

690 FEET OF GAS CUT MUD

REMARKS:

REQUESTED CALCULATION SERVICE COULD NOT BE PERFORMED DUE TO INSUFFICIENT PRESSURE BUILD-UP DURING THE CLOSED-IN PERIODS. THIS IS VERIFIED BY THE LOG-LOG PLOTS INCLUDED WITH THIS REPORT.

TYPE & SIZE MEASURING DEVICE: BLAC-MARSHALL-WING TICKET NO: 20362300

TIME	CHOKE SIZE	GAS RATE PRESSURE PSI	GAS RATE MCF/D	REMARKS
6-20-85				
2115				ON LOCATION - STUDY BY
2130				PICKED-UP TOOLS
2215				TRIPPED IN HOLE
6-23-85				
0300	1/4"OPE			OPENED TOOL - WEAK BLOW
0305	"	6 OZ		GOOD BLOW
0310	"	8 OZ		GOOD BLOW
0315	"	9 OZ		CLOSED TOOL - GOOD BLOW
0345	"			REOPENED TOOL - GOOD BLOW
0100	"	.25#		GOOD BLOW
0200	1/4"	16.5OZ		
0300	"	.25#	50	GAS TO THE SURFACE
0400	.50#	45		
0415	"	.25#	30	CLOSED TOOL - GOOD BLOW
0445				OPENED BYPASS
0500				TRIPPED OUT OF HOLE
0900				TOOLS OUT AND LAYED DOWN

TICKET NO. 20362300

DATE: 6-23-85 TEST NO: 4

REMARKS:

TICKET NO: 20362300 HALLIBURTON GAUGE NO: 349
CLOCK NO: 14131 HOURS: 12 DEPTH: 3432.0

REF	MINUTES	PRESSURE	ΔP	ΔT	log ΔT/ΔP
		SUBSEA FLOW			
		FIRST FLOW			
B	0.0	2128.5			
1	1.0	190.4	0.0		
2	2.0	255.5	6.0		
3	3.0	271.0	8.0		
4	4.0	275.5	9.0		
5	5.0	276.0	10.0		
6	6.0	276.5	11.0		
7	7.0	277.0	12.0		
8	8.0	277.0	13.0		
9	9.0	277.0	14.0		
10	10.0	297.5	15.0		
11	11.0	297.5	16.0		
12	12.0	297.5	17.0		
13	13.0	297.5	18.0		
14	14.0	297.5	19.0		
15	15.0	297.5	20.0		
C	15.0	297.5	20.0		
		FIRST CLOSED-IN			
1	0.0	297.5			
2	1.0	300.5	3.0	1.000	
3	2.0	302.5	5.0	1.301	
4	3.0	304.5	7.0	1.477	
5	4.0	306.5	9.0	1.602	
6	5.0	308.5	11.0	1.699	
7	6.0	310.5	13.0	1.778	
8	7.0	312.5	15.0	1.845	
9	8.0	314.5	17.0	1.903	
10	9.0	316.5	19.0	1.954	
11	10.0	318.5	21.0	2.000	
12	11.0	320.5	23.0	2.041	
13	12.0	322.5	25.0	2.079	
14	13.0	324.5	27.0	2.114	
15	14.0	326.5	29.0	2.146	
16	15.0	328.5	31.0	2.176	
17	16.0	330.5	33.0	2.204	
18	17.0	332.5	35.0	2.230	
19	18.0	334.5	37.0	2.255	
20	19.0	336.5	39.0	2.279	
21	20.0	338.5	41.0	2.301	
22	21.0	340.5	43.0	2.322	
23	22.0	342.5	45.0	2.342	
24	23.0	344.5	47.0	2.362	
25	24.0	346.5	49.0	2.380	
26	25.0	348.5	51.0	2.398	
27	26.0	350.5	53.0	2.415	
28	27.0	352.5	55.0	2.431	
29	28.0	354.5	57.0	2.447	
30	29.0	356.5	59.0	2.462	
31	30.0	358.5	61.0	2.477	
32	31.0	360.5	63.0	2.491	
33	32.0	362.5	65.0	2.505	
34	33.0	364.5	67.0	2.519	
35	34.0	366.5	69.0	2.532	
36	35.0	368.5	71.0	2.544	
37	36.0	370.5	73.0	2.556	
38	37.0	372.5	75.0	2.568	
39	38.0	374.5	77.0	2.580	
40	39.0	376.5	79.0	2.591	
41	40.0	378.5	81.0	2.602	
42	41.0	380.5	83.0	2.613	
43	42.0	382.5	85.0	2.623	
44	43.0	384.5	87.0	2.633	
45	44.0	386.5	89.0	2.643	
46	45.0	388.5	91.0	2.653	
47	46.0	390.5	93.0	2.663	
48	47.0	392.5	95.0	2.672	
49	48.0	394.5	97.0	2.681	
50	49.0	396.5	99.0	2.690	
51	50.0	398.5	101.0	2.699	
52	51.0	400.5	103.0	2.708	
53	52.0	402.5	105.0	2.716	
54	53.0	404.5	107.0	2.725	
55	54.0	406.5	109.0	2.733	
56	55.0	408.5	111.0	2.741	
57	56.0	410.5	113.0	2.749	
58	57.0	412.5	115.0	2.756	
59	58.0	414.5	117.0	2.764	
60	59.0	416.5	119.0	2.771	
61	60.0	418.5	121.0	2.778	
62	61.0	420.5	123.0	2.785	
63	62.0	422.5	125.0	2.792	
64	63.0	424.5	127.0	2.799	
65	64.0	426.5	129.0	2.806	
66	65.0	428.5	131.0	2.813	
67	66.0	430.5	133.0	2.819	
68	67.0	432.5	135.0	2.826	
69	68.0	434.5	137.0	2.832	
70	69.0	436.5	139.0	2.839	
71	70.0	438.5	141.0	2.845	
72	71.0	440.5	143.0	2.851	
73	72.0	442.5	145.0	2.857	
74	73.0	444.5	147.0	2.863	
75	74.0	446.5	149.0	2.869	
76	75.0	448.5	151.0	2.875	
77	76.0	450.5	153.0	2.881	
78	77.0	452.5	155.0	2.886	
79	78.0	454.5	157.0	2.892	
80	79.0	456.5	159.0	2.897	
81	80.0	458.5	161.0	2.903	
82	81.0	460.5	163.0	2.908	
83	82.0	462.5	165.0	2.913	
84	83.0	464.5	167.0	2.918	
85	84.0	466.5	169.0	2.923	
86	85.0	468.5	171.0	2.928	
87	86.0	470.5	173.0	2.933	
88	87.0	472.5	175.0	2.938	
89	88.0	474.5	177.0	2.943	
90	89.0	476.5	179.0	2.948	
91	90.0	478.5	181.0	2.953	
92	91.0	480.5	183.0	2.958	
93	92.0	482.5	185.0	2.962	
94	93.0	484.5	187.0	2.967	
95	94.0	486.5	189.0	2.971	
96	95.0	488.5	191.0	2.976	
97	96.0	490.5	193.0	2.980	
98	97.0	492.5	195.0	2.985	
99	98.0	494.5	197.0	2.989	
100	99.0	496.5	199.0	2.993	
101	100.0	498.5	201.0	2.998	
102	101.0	500.5	203.0	3.002	
103	102.0	502.5	205.0	3.006	
104	103.0	504.5	207.0	3.010	
105	104.0	506.5	209.0	3.014	
106	105.0	508.5	211.0	3.018	
107	106.0	510.5	213.0	3.022	
108	107.0	512.5	215.0	3.026	
109	108.0	514.5	217.0	3.030	
110	109.0	516.5	219.0	3.034	
111	110.0	518.5	221.0	3.038	
112	111.0	520.5	223.0	3.042	
113	112.0	522.5	225.0	3.046	
114	113.0	524.5	227.0	3.049	
115	114.0	526.5	229.0	3.053	
116	115.0	528.5	231.0	3.057	
117	116.0	530.5	233.0	3.060	
118	117.0	532.5	235.0	3.064	
119	118.0	534.5	237.0	3.068	
120	119.0	536.5	239.0	3.071	
121	120.0	538.5	241.0	3.075	
122	121.0	540.5	243.0	3.078	
123	122.0	542.5	245.0	3.082	
124	123.0	544.5	247.0	3.085	
125	124.0	546.5	249.0	3.089	
126	125.0	548.5	251.0	3.092	
127	126.0	550.5	253.0	3.096	
128	127.0	552.5	255.0	3.099	
129	128.0	554.5	257.0	3.102	
130	129.0	556.5	259.0	3.106	
131	130.0	558.5	261.0	3.109	
132	131.0	560.5	263.0	3.112	
133	132.0	562.5	265.0	3.116	
134	133.0	564.5	267.0	3.119	
135	134.0	566.5	269.0	3.122	