

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY MEDALLION PETROLEUM, INC.

LEASE & WELL NO. 15-199-20/176

GRUND 34-1

SEC. 34

TWP 12s RCE 39w

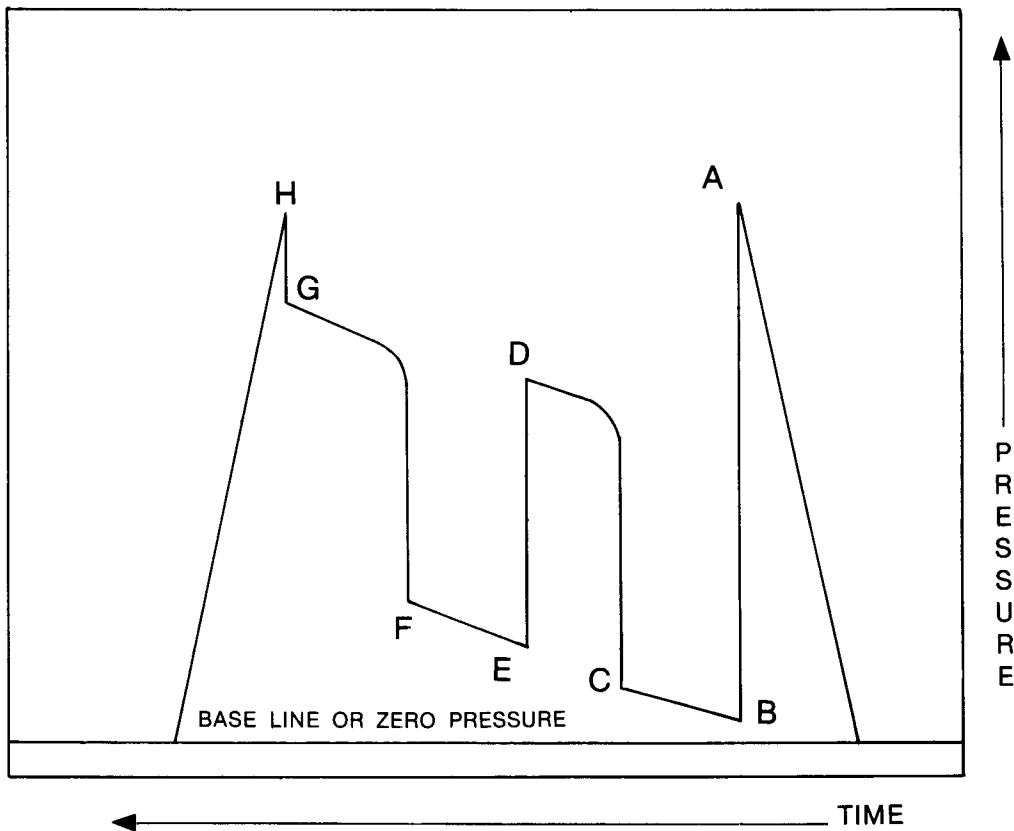
TEST 1

DATE 07/23/89

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

AK-1 Recorders



A - Initial Hydrostatic

B - First Initial Flow

C - First Final Flow

D - Initial Shut-In

E - Second Initial Flow

F - Second Final Flow

G - Final Shut-In

H - Final Hydrostatic

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	7/23/89	TICKET	:	14815
CUSTOMER	:	MEDALLION PETROLEUM INC.	LEASE	:	GRUND
WELL	:	#34-1 TEST: 1	GEOLOGIST	:	BASSETT
ELEVATION	:		FORMATION	:	MORROW SAND
SECTION	:	34	TOWNSHIP	:	12S
RANGE	:	39W	STATE	:	KANSAS
GAUGE SN#	:	3849	CLOCK	:	12
		COUNTY : WALLACE			
		RANGE : 4200			

INTERVAL FROM	:	4720	TO	:	5000	TOTAL DEPTH	:	5000
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4715	SIZE	:	6.75			
PACKER DEPTH	:	4720	SIZE	:	6.75			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	MURFIN DRILLING RIG #24			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	44
WEIGHT	:	9.1	WATER LOSS (CC)	:	9.6
CHLORIDES (PPM)	:	3000			
JARS-MAKE	:	WTC	SERIAL NUMBER	:	413
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	238	FT	I.D. inch	:	2.20
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	4453	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	29	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	280	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5 XH

BLOW COMMENT #1	:	INITIAL FLOW PERIOD-WEAK BLOW IN WATER BUILDING
BLOW COMMENT #2	:	TO 3 INCHES DEEP
BLOW COMMENT #3	:	FINAL FLOW PERIOD-WEAK SURFACE BLOW IN WATER-
BLOW COMMENT #4	:	BUILDING TO 1 1/2 INCHES DEEP

RELEASED

JAN 25 1991

FROM CONFIDENTIAL

RECOVERED : 303 FT OF: DRILLING FLUID (MUD)
RECOVERED : 0 FT OF: CHLORIDES 9000 PPM

Total Barrels Fluid = 2.03
Total Fluid Prod Rate = 32.49 BFPD
Indicated Wtr Rate = 0.32 BWPD

K C C

JAN 25 1991

REMARK 1 : SLIGHT PLUGGING FFP
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) :	6:55 AM	TIME STARTED OFF BOTTOM :	11:25 AM
WELL TEMPERATURE :	150		
INITIAL HYDROSTATIC PRESSURE		(A)	2301
INITIAL FLOW PERIOD MIN:	30	(B)	90 PSI TO (C) : 132
INITIAL CLOSED IN PERIOD MIN:	60	(D)	1043
FINAL FLOW PERIOD MIN:	60	(E)	168 PSI TO (F) : 196
FINAL CLOSED IN PERIOD MIN:	120	(G)	1042
FINAL HYDROSTATIC PRESSURE		(H)	2229

RELEASED

JAN 25 1991

FROM CONFIDENTIAL

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : MEDALLION PETROLEUM INC.
RIG : WALLACE-KANSAS
FIELD : GRUND
WELL : #34-1
DATE : 7/23/89
GAUGE NO : 3849

OPERATIONAL COMMENTS

SLIGHT PLUGGING FFP

COMPANY : MEDALLION PETROLEUM INC.
WELL : #34-1
GAUGE # : 3849
DATE : 23/ 7/89

FIELD : GRUND
JOB # : 14815
DEPTH : 5000
TEST : SLIGHT PLUGGING FFP

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	6:55: 0	0.000	90.000	150.00	0.000
3	6:59:59	0.083	90.000	150.00	0.000
4	7: 5: 0	0.167	91.000	150.00	1.000
5	7:10: 0	0.250	100.000	150.00	9.000
6	7:14:59	0.333	109.000	150.00	9.000
7	7:20: 0	0.417	112.000	150.00	3.000
8	7:25: 0	0.500	132.000	150.00	20.000
INITIAL SHUT-IN PERIOD					
9	7:28: 0	0.550	476.000	150.00	344.000
10	7:31: 0	0.600	680.000	150.00	204.000
11	7:34: 0	0.650	813.000	150.00	133.000
12	7:37: 0	0.700	885.000	150.00	72.000
13	7:40: 0	0.750	922.000	150.00	37.000
14	7:43: 0	0.800	950.000	150.00	28.000
15	7:46: 0	0.850	969.000	150.00	19.000
16	7:49: 0	0.900	983.000	150.00	14.000
17	7:52: 0	0.950	994.000	150.00	11.000
18	7:55: 0	1.000	1002.000	150.00	8.000
19	7:58: 0	1.050	1010.000	150.00	8.000
20	8: 1: 0	1.100	1019.000	150.00	9.000
21	8: 4: 0	1.150	1023.000	150.00	4.000
22	8: 7: 0	1.200	1027.000	150.00	4.000
23	8:10: 0	1.250	1029.000	150.00	2.000
24	8:13: 0	1.300	1031.000	150.00	2.000
25	8:16: 0	1.350	1033.000	150.00	2.000
26	8:19: 0	1.400	1039.000	150.00	6.000
27	8:22: 0	1.450	1041.000	150.00	2.000
28	8:25: 0	1.500	1043.000	150.00	2.000
FINAL FLOW PERIOD					
29	8:26: 0	1.517	168.000	150.00	-875.000
30	8:29:59	1.583	168.000	150.00	0.000
31	8:35: 0	1.667	168.000	150.00	0.000
32	8:40: 0	1.750	170.000	150.00	2.000
33	8:44:59	1.833	172.000	150.00	2.000
34	8:50: 0	1.917	174.000	150.00	2.000
35	8:55: 0	2.000	177.000	150.00	3.000
36	8:59:59	2.083	181.000	150.00	4.000
37	9: 5: 0	2.167	181.000	150.00	0.000
38	9:10: 0	2.250	205.000	150.00	24.000
39	9:14:59	2.333	196.000	150.00	-9.000
40	9:20: 0	2.417	196.000	150.00	0.000
41	9:25: 0	2.500	196.000	150.00	0.000
42	9:28: 0	2.550	196.000	150.00	0.000
FINAL SHUT-IN PERIOD					
43	9:31: 0	2.600	418.000	150.00	222.000
44	9:34: 0	2.650	665.000	150.00	247.000
45	9:37: 0	2.700	787.000	150.00	122.000
46	9:40: 0	2.750	853.000	150.00	66.000
47	9:43: 0	2.800	890.000	150.00	37.000
48	9:46: 0	2.850	915.000	150.00	25.000

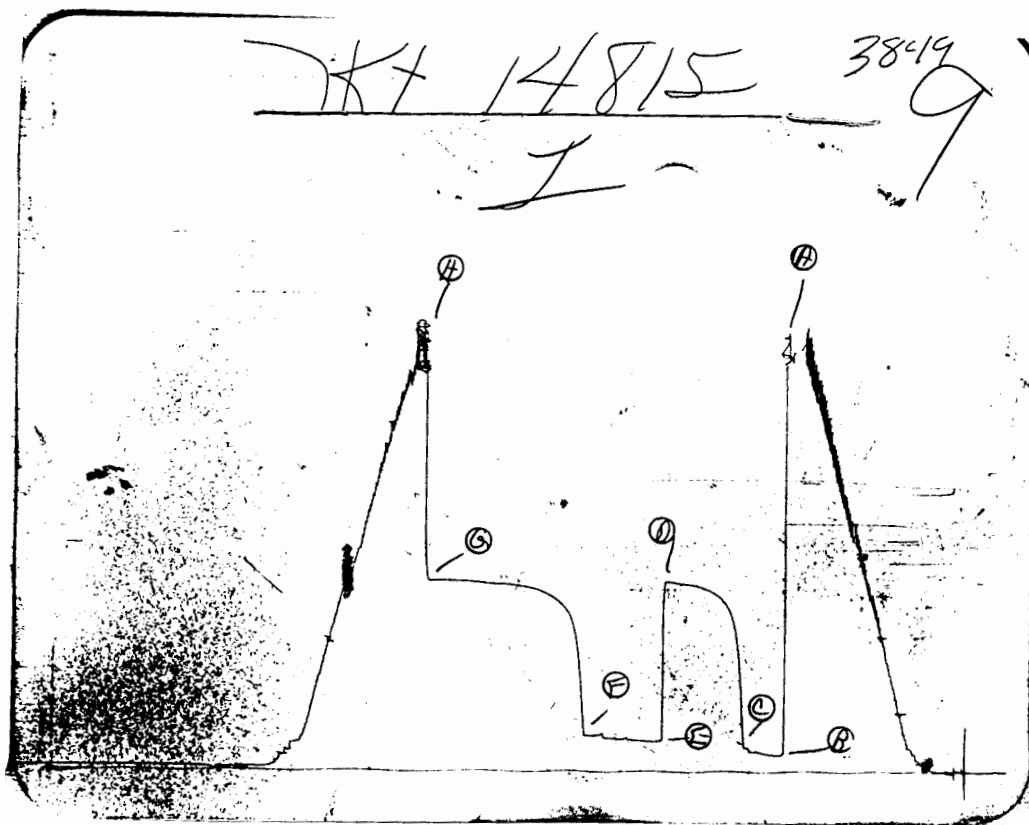
145612

COMPANY : MEDALLION PETROLEUM INC.
 WELL : #34-1
 GAUGE # : 3849
 DATE : 23/ 7/89

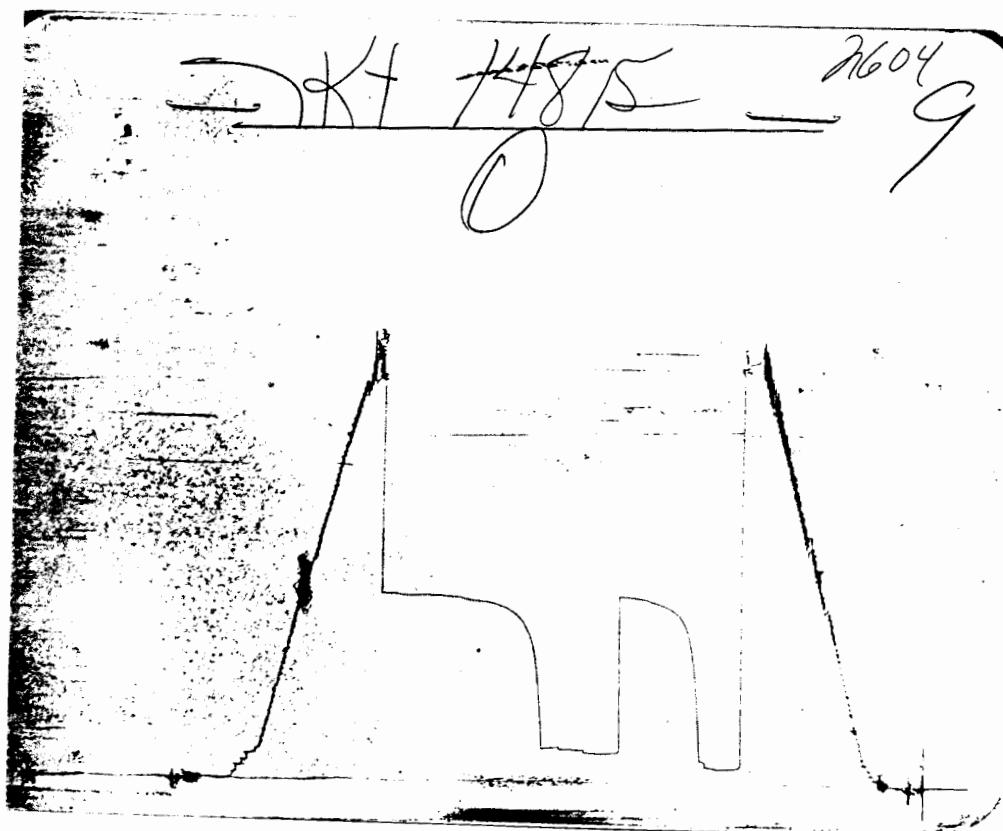
FIELD : GRUND
 JOB # : 14815
 DEPTH : 5000
 TEST : SLIGHT PLUGGING FFP

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	9:49: 0	2.900	934.000	150.00	19.000
50	9:52: 0	2.950	950.000	150.00	16.000
51	9:55: 0	3.000	961.000	150.00	11.000
52	9:58: 0	3.050	975.000	150.00	14.000
53	10: 1: 0	3.100	985.000	150.00	10.000
54	10: 4: 0	3.150	993.000	150.00	8.000
55	10: 7: 0	3.200	1000.000	150.00	7.000
56	10:10: 0	3.250	1005.000	150.00	5.000
57	10:13: 0	3.300	1009.000	150.00	4.000
58	10:16: 0	3.350	1012.000	150.00	3.000
59	10:19: 0	3.400	1014.000	150.00	2.000
60	10:22: 0	3.450	1017.000	150.00	3.000
61	10:25: 0	3.500	1021.000	150.00	4.000
62	10:28: 0	3.550	1023.000	150.00	2.000
63	10:31: 0	3.600	1025.000	150.00	2.000
64	10:34: 0	3.650	1026.000	150.00	1.000
65	10:37: 0	3.700	1027.000	150.00	1.000
66	10:40: 0	3.750	1028.000	150.00	1.000
67	10:43: 0	3.800	1029.000	150.00	1.000
68	10:46: 0	3.850	1031.000	150.00	2.000
69	10:49: 0	3.900	1033.000	150.00	2.000
70	10:52: 0	3.950	1035.000	150.00	2.000
71	10:55: 0	4.000	1037.000	150.00	2.000
72	10:58: 0	4.050	1039.000	150.00	2.000
73	11: 1: 0	4.100	1040.000	150.00	1.000
74	11: 4: 0	4.150	1041.000	150.00	1.000
75	11: 7: 0	4.200	1042.000	150.00	1.000
76	11:10: 0	4.250	1042.000	150.00	0.000
77	11:13: 0	4.300	1042.000	150.00	0.000
78	11:16: 0	4.350	1042.000	150.00	0.000
79	11:19: 0	4.400	1042.000	150.00	0.000
80	11:22: 0	4.450	1042.000	150.00	0.000
81	11:25: 0	4.500	1042.000	150.00	0.000

WESTERN TESTING CO. INC.



Inside Recorder



Outside Recorder