

WESTERN TESTING CO INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 10-17-86	TICKET	: 11645
CUSTOMER	: GENERAL OIL COMPANY	LEASE	: BARE
WELL	: #1-G TEST; 1	GEOLOGIST	: J. DILTS
ELEVATION	: NA	FORMATION	: MORROW
SECTION	: 9	TOWNSHIP	: 33S
RANGE	: 21W	COUNTY	: CLARK
GAUGE SN#	: 13268	STATE	: KANSAS
		RANGE	: 4225
		CLOCK	: 12

INTERVAL FROM	: 5290	TO	: 5363	TOTAL DEPTH	: 5363
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 5285	SIZE	: 6.63		
PACKER DEPTH	: 5290	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: ALDEBAREN	RIG #3	
MUD TYPE	: CHEMICAL	VISCOSITY	: 55
WEIGHT	: 9.1	WATER LOSS (CC)	: 8
CHLORIDES (PPM)	: 13000		
JARS-MAKE	: WTC	SERIAL NUMBER	: 417
DID WELL FLOW ?	: GAS	REVERSED OUT ?	: NO

DRILL COLLAR LENGTH	: 455	FT	I.D. inch	: 2.20
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00
DRILL PIPE LENGTH	: 4808	FT	I.D. inch	: 3.80
TEST TOOL LENGTH	: 27	FT	TOOL SIZE	: 5.50
ANCHOR LENGTH	: 73	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-STRONG BLOW-GAS TO SURFACE IN 7
BLOW COMMENT #2	: MINUTES. SEE ATTACHED FLOW CHART.
BLOW COMMENT #3	: FINAL FLOW-NO BLOW-FLUSHED TOOL-GAS TO SURFACE
BLOW COMMENT #4	: TO WEAK TO GAUGE.

RECOVERED : 310 FT OF: SLIGHTLY GAS CUT MUD
RECOVERED : 0 FT OF: 5% GAS-95% MUD.

Total Barrels Fluid = 1.46
Total Fluid Prod Rate = 27.98 BFPD
Indicated Wtr Rate = 23.92 BWPD

REMARK 1 :
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 7:15 AM

TIME STARTED OFF BOTTOM : 11:00 AM

WELL TEMPERATURE : 128

INITIAL HYDROSTATIC PRESSURE

(A) 2681

INITIAL FLOW PERIOD MIN: 30

(B) 162 PSI TO (C) : 162

INITIAL CLOSED IN PERIOD MIN: 60

(D) 170

FINAL FLOW PERIOD MIN: 45

(E) 167 PSI TO (F) : 207

FINAL CLOSED IN PERIOD MIN: 90

(G) 202

FINAL HYDROSTATIC PRESSURE

(H) 2567

GAS FLOW REPORT

Date : 10-17-86
Customer : GENERAL OIL COMPANY

Ticket # : 11645
Lease : BARE

Well : #1-G Test : 1

Geologist : J. DILTS

Elevation (KB) : NA Formation : MORROW

Section : 9 Township : 33S

Range : 21W County : CLARK State : KANSAS

Gauge SN # : 13268 Range : 4225 Clock : 12

TIME GAUGE (MIN)	TESTER TYPE	ORFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
---------------------	-------------	----------------	-------------------	------------------

PRE FLOW

10	MERLA	1/2 "	12	129000 CFPD
15	MERLA	1/2 "	23	193000 CFPD
20	MERLA	1/2 "	25	205000 CFPD
25	MERLA	1/2 "	25	205000 CFPD
30	MERLA	1/2 "	25	205000 CFPD

SECOND FLOW

GAS TO SURFACE

TOO WEAK TO GAUGE

Gas Bottle SN # :
Date Bottle Filled :
Date to be Invoiced : 10/17/86

WESTERN TESTING CO INC.
WICHITA KANSAS

Pressure Transient Report

COMPANY : GENERAL OIL COMPANY
RIG : CLARK-KANSAS
FIELD : BARE
WELL : #1-G
DATE : 10-17-86
GAUGE NO : 13268

OPERATIONAL COMMENTS

COMPANY : GENERAL OIL COMPANY
WELL : #1-G
GAUGE # : 13268
DATE : 17/10/86

FIELD : BARE
JOB # : 11645
DEPTH : 5363
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	7:15: 0	0.000	162.000	53.33	0.000
2	7:20: 0	0.083	162.000	53.33	0.000
3	7:25: 0	0.167	162.000	53.33	0.000
4	7:30: 0	0.250	162.000	53.33	0.000
5	7:35: 0	0.333	162.000	53.33	0.000
6	7:40: 0	0.417	162.000	53.33	0.000
7	7:45: 0	0.500	162.000	53.33	0.000
8	7:48: 0	0.550	163.000	53.33	1.000
9	7:51: 0	0.600	164.000	53.33	1.000
10	7:54: 0	0.650	165.000	53.33	1.000
11	7:57: 0	0.700	166.000	53.33	1.000
12	8: 0: 0	0.750	167.000	53.33	1.000
13	8: 3: 0	0.800	167.000	53.33	0.000
14	8: 6: 0	0.850	167.000	53.33	0.000
15	8: 9: 0	0.900	167.000	53.33	0.000
16	8:12: 0	0.950	167.000	53.33	0.000
17	8:15: 0	1.000	167.000	53.33	0.000
18	8:18: 0	1.050	167.000	53.33	0.000
19	8:21: 0	1.100	167.000	53.33	0.000
20	8:24: 0	1.150	167.000	53.33	0.000
21	8:27: 0	1.200	167.000	53.33	0.000
22	8:30: 0	1.250	167.000	53.33	0.000
23	8:33: 0	1.300	168.000	53.33	1.000
24	8:36: 0	1.350	169.000	53.33	1.000
25	8:39: 0	1.400	170.000	53.33	1.000
26	8:42: 0	1.450	170.000	53.33	0.000
27	8:45: 0	1.500	170.000	53.33	0.000
28	8:46: 0	1.517	167.000	53.33	-3.000
29	8:50: 0	1.583	167.000	53.33	0.000
30	8:55: 0	1.667	167.000	53.33	0.000
31	9: 0: 0	1.750	167.000	53.33	0.000
32	9: 5: 0	1.833	207.000	53.33	40.000
33	9:10: 0	1.917	207.000	53.33	0.000
34	9:15: 0	2.000	207.000	53.33	0.000
35	9:20: 0	2.083	207.000	53.33	0.000
36	9:25: 0	2.167	207.000	53.33	0.000
37	9:30: 0	2.250	207.000	53.33	0.000
38	9:33: 0	2.300	207.000	53.33	0.000
39	9:36: 0	2.350	207.000	53.33	0.000
40	9:39: 0	2.400	207.000	53.33	0.000
41	9:42: 0	2.450	207.000	53.33	0.000
42	9:45: 0	2.500	207.000	53.33	0.000
43	9:48: 0	2.550	207.000	53.33	0.000
44	9:51: 0	2.600	207.000	53.33	0.000
45	9:54: 0	2.650	207.000	53.33	0.000
46	9:57: 0	2.700	207.000	53.33	0.000
47	10: 0: 0	2.750	207.000	53.33	0.000
48	10: 3: 0	2.800	207.000	53.33	0.000
49	10: 6: 0	2.850	206.000	53.33	-1.000
50	10: 9: 0	2.900	204.000	53.33	-2.000
51	10:12: 0	2.950	203.000	53.33	-1.000
52	10:15: 0	3.000	202.000	53.33	-1.000

COMPANY : GENERAL OIL COMPANY
WELL : #1-G
GAUGE # : 13268
DATE : 17/10/86

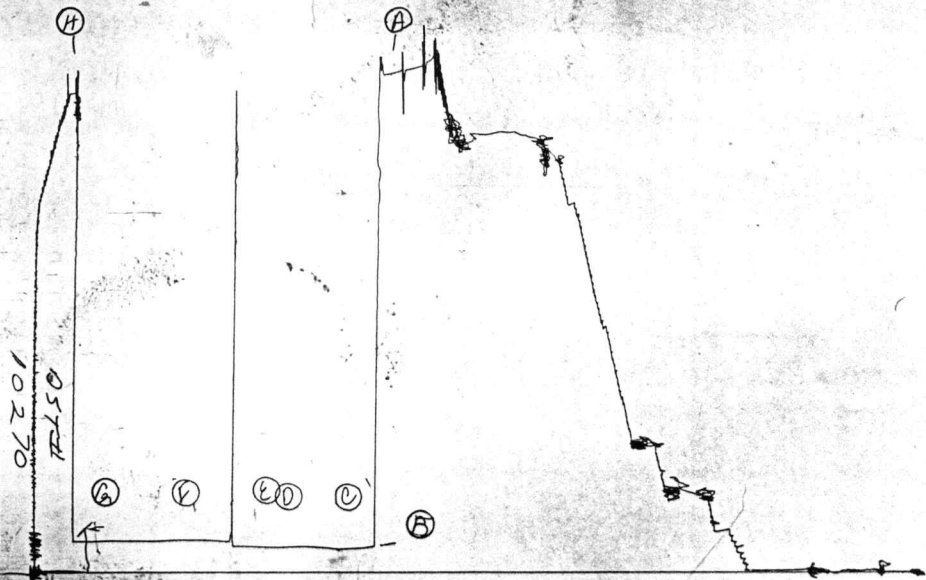
FIELD : BARE
JOB # : 11645
DEPTH : 5363
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	10:18: 0	3.050	202.000	53.33	0.000
54	10:21: 0	3.100	202.000	53.33	0.000
55	10:24: 0	3.150	202.000	53.33	0.000
56	10:27: 0	3.200	202.000	53.33	0.000
57	10:30: 0	3.250	202.000	53.33	0.000
58	10:33: 0	3.300	202.000	53.33	0.000
59	10:36: 0	3.350	202.000	53.33	0.000
60	10:39: 0	3.400	202.000	53.33	0.000
61	10:42: 0	3.450	202.000	53.33	0.000
62	10:45: 0	3.500	202.000	53.33	0.000
63	10:48: 0	3.550	202.000	53.33	0.000
64	10:51: 0	3.600	202.000	53.33	0.000
65	10:54: 0	3.650	202.000	53.33	0.000
66	10:57: 0	3.700	202.000	53.33	0.000
67	11: 0: 0	3.750	202.000	53.33	0.000

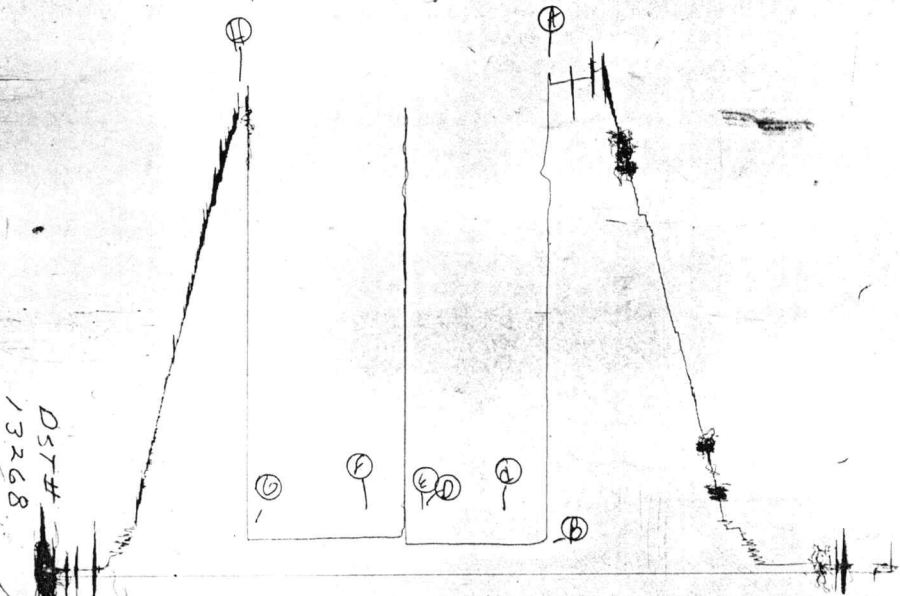
WESTERN TESTING CO INC.

TKT 11645

I



TK+ 11645
D



DST#
13268

WESTERN TESTERS INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	10-18-86	TICKET	:	11646
CUSTOMER	:	GENERAL OIL COMPANY	LEASE	:	BARE
WELL	:	#1-G TEST: 2	GEOLOGIST	:	DILTS
ELEVATION	:	1945 GL	FORMATION	:	MORROW & MISS.
SECTION	:	9	TOWNSHIP	:	33S
RANGE	:	21W	STATE	:	KANSAS
GAUGE SN#	:	10270	CLOCK	:	12
		COUNTY :	CLARK		
		RANGE :	4150		

INTERVAL FROM	:	5290	TO	:	5425	TOTAL DEPTH	:	5425
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	5285	SIZE	:	6.63			
PACKER DEPTH	:	5290	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ALDEBAREN	RIG	#3			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	57		
WEIGHT	:	9.1	WATER LOSS (CC)	:	10.8		
CHLORIDES (PPM)	:	15000					
JARS-MAKE	:	WTC	SERIAL NUMBER	:	417		
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO		

DRILL COLLAR LENGTH	:	395	FT	I.D. inch	:	2.20
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	4868	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	27	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	135	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	:	
BLOW COMMENT #2	:	
BLOW COMMENT #3	:	
BLOW COMMENT #4	:	

RECOVERED : 780 FT OF: MUD

Total Barrels Fluid = 7.26

Total Fluid Prod Rate = 0.00 BFPD

REMARK 1 : MISRUN-PACKER FAILURE

REMARK 2 : SET PACKERS TWICE-WOULD NOT HOLD.

REMARK 3 : TRIPPED JARS

REMARK 4 :

SET PACKER(S) :

TIME STARTED OFF BOTTOM : 9:10 AM

WELL TEMPERATURE : 125

INITIAL HYDROSTATIC PRESSURE

(A) 2628

INITIAL FLOW PERIOD MIN: 0

(B) 0 PSI TO (C) : 0

INITIAL CLOSED IN PERIOD MIN: 0

(D) 0

FINAL FLOW PERIOD MIN: 0

(E) 0 PSI TO (F) : 0

FINAL CLOSED IN PERIOD MIN: 0

(G) 0

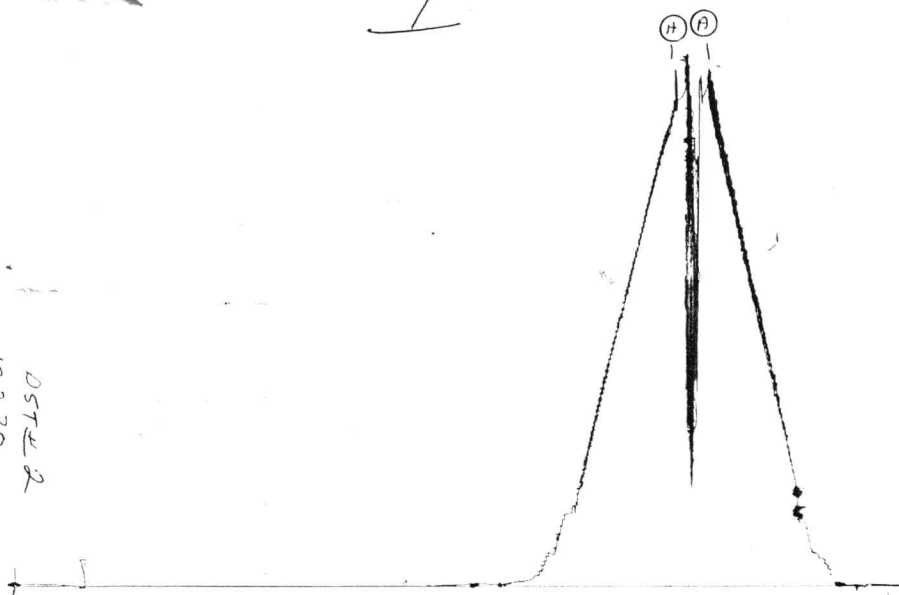
FINAL HYDROSTATIC PRESSURE

(H) 2607

TK+ 11646

I

DST#2
10270



TK+ 11646

①

DST#2
13268

