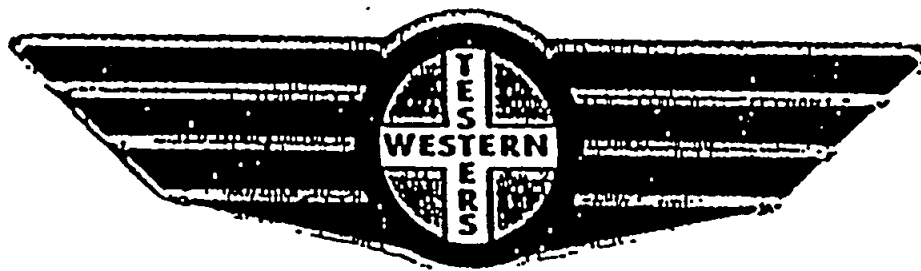


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY SHEPLER & THOMAS, INC.

LEASE & WELL NO. FLORY 20-1

SEC. 20 TWP. 7S RGE. 18E TEST 1 DATE 8/2/89

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	8/2/89	TICKET	:	14702
CUSTOMER	:	SHEPLER & THOMAS INC.	LEASE	:	FLORY
WELL	:	#20-1 TEST: 1	GEOLOGIST	:	THOMAS
ELEVATION	:	1063 KB	FORMATION	:	MCLOUTH
SECTION	:	20	TOWNSHIP	:	7S
RANGE	:	18E	COUNTY	:	ATCHISON
GAUGE SN#	:	13629	RANGE	:	4425
			STATE	:	KANSAS
			CLOCK	:	12

INTERVAL FROM	:	1764	TO	:	1853	TOTAL DEPTH	:	1853
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	1759	SIZE	:	6.75			
PACKER DEPTH	:	1764	SIZE	:	6.75			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	EDCO DRILLING RIG #			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	46
WEIGHT	:	9.6	WATER LOSS (CC)	:	11.2
CHLORIDES (PPM)	:	1000			
JARS-MAKE	:	WTC	SERIAL NUMBER	:	408
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	362	FT	I.D. inch	:	2.20
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	1370	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	32	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	89	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-STRONG-BOTTOM OF BUCKET 2 MINUTES
BLOW COMMENT #2	:	DECREASING
BLOW COMMENT #3	:	FINAL FLOW PERIOD-WEAK-DEAD 11 MINUTES
BLOW COMMENT #4	:	

RECOVERED : 1290 FT OF: MUDDY SALT WATER
RECOVERED : 0 FT OF: CHLORIDES 33000 PPM

Total Barrels Fluid = 14.72
Total Fluid Prod Rate = 353.24 BFPD
Indicated Wtr Rate = 176.62 BWPD

REMARK 1 :
REMARK 2 : STANDBY 8:30 AM 8-3-89 TILL 1:00 PM 8-5-89
REMARK 3 : 2 DAYS \$600.00
REMARK 4 :

SET PACKER(S)	:	3:30 PM	TIME STARTED OFF BOTTOM	:	6:00 PM
WELL TEMPERATURE	:	95			
INITIAL HYDROSTATIC PRESSURE			(A)	916	
INITIAL FLOW PERIOD	MIN:	30	(B)	384	PSI TO (C) : 558
INITIAL CLOSED IN PERIOD	MIN:	60	(D)	649	
FINAL FLOW PERIOD	MIN:	30	(E)	624	PSI TO (F) : 649
FINAL CLOSED IN PERIOD	MIN:	30	(G)	660	
FINAL HYDROSTATIC PRESSURE			(H)	890	

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : SHEPLER & THOMAS INC.
RIG : ATCHISON-KANSAS
FIELD : FLORY
WELL : #20-1
DATE : 8/2/89
GAUGE NO : 13629

OPERATIONAL COMMENTS

STANDBY 8:30 AM 8-3-89 TILL 1:00 PM 8-5-89
2 DAYS \$600.00

COMPANY : SHEPLER & THOMAS INC.
WELL : #20-1
GAUGE # : 13629
DATE : 2/ 8/89

FIELD : FLORY
JOB # : 14702
DEPTH : 1853
TEST :

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	3:30: 0	0.000	384.000	95.00	0.000
3	3:34:59	0.083	384.000	95.00	0.000
4	3:40: 0	0.167	414.000	95.00	30.000
5	3:45: 0	0.250	463.000	95.00	49.000
6	3:49:59	0.333	499.000	95.00	36.000
7	3:55: 0	0.417	533.000	95.00	34.000
8	4: 0: 0	0.500	558.000	95.00	25.000
INITIAL SHUT-IN PERIOD					
9	4: 3: 0	0.550	604.000	95.00	46.000
10	4: 6: 0	0.600	617.000	95.00	13.000
11	4: 9: 0	0.650	627.000	95.00	10.000
12	4:12: 0	0.700	632.000	95.00	5.000
13	4:15: 0	0.750	635.000	95.00	3.000
14	4:18: 0	0.800	638.000	95.00	3.000
15	4:21: 0	0.850	640.000	95.00	2.000
16	4:24: 0	0.900	643.000	95.00	3.000
17	4:27: 0	0.950	644.000	95.00	1.000
18	4:30: 0	1.000	645.000	95.00	1.000
19	4:33: 0	1.050	646.000	95.00	1.000
20	4:36: 0	1.100	647.000	95.00	1.000
21	4:39: 0	1.150	648.000	95.00	1.000
22	4:42: 0	1.200	649.000	95.00	1.000
23	4:45: 0	1.250	649.000	95.00	0.000
24	4:48: 0	1.300	649.000	95.00	0.000
25	4:51: 0	1.350	649.000	95.00	0.000
26	4:54: 0	1.400	649.000	95.00	0.000
27	4:57: 0	1.450	649.000	95.00	0.000
28	5: 0: 0	1.500	649.000	95.00	0.000
FINAL FLOW PERIOD					
29	5: 1: 0	1.517	624.000	95.00	-25.000
30	5: 4:59	1.583	624.000	95.00	0.000
31	5:10: 0	1.667	624.000	95.00	0.000
32	5:15: 0	1.750	631.000	95.00	7.000
33	5:19:59	1.833	638.000	95.00	7.000
34	5:25: 0	1.917	642.000	95.00	4.000
35	5:30: 0	2.000	649.000	95.00	7.000
FINAL SHUT-IN PERIOD					
36	5:33: 0	2.050	653.000	95.00	4.000
37	5:36: 0	2.100	656.000	95.00	3.000
38	5:39: 0	2.150	658.000	95.00	2.000
39	5:42: 0	2.200	659.000	95.00	1.000
40	5:45: 0	2.250	660.000	95.00	1.000
41	5:48: 0	2.300	660.000	95.00	0.000
42	5:51: 0	2.350	660.000	95.00	0.000
43	5:54: 0	2.400	660.000	95.00	0.000
44	5:57: 0	2.450	660.000	95.00	0.000
45	6: 0: 0	2.500	660.000	95.00	0.000

WESTERN TESTING CO. INC.

FLUID SAMPLE REPORT

Date : 8/2/89

Ticket No. : 14702

Company : SHEPLER & THOMAS INC.

Well Name & No. : FLORY #20-1

DST No. 1

County : ATCHISON

State : KANSAS

Sampler No. : 5

Test Interval : 1764-1853

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Pressure in Sampler	600 PSIG	BHT	95	Deg F
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Total Volume of Sampler	: 2500	cc
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Total Volume of Sample	: 2250	cc
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Oil:	cc
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Water:	2250	cc
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Mud:	cc
------	----

Gas:	cu ft
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Other:	cc
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RESITIVITY

Drilling Mud	.68	@	80 F	Chloride Content	33000 ppm
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Mud Pit Sample 3.		@	80 F	Chloride Content	1000 ppm
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Gas/Oil Ratio		Gravity		API @	Deg F
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Where was sample drained LOCATION

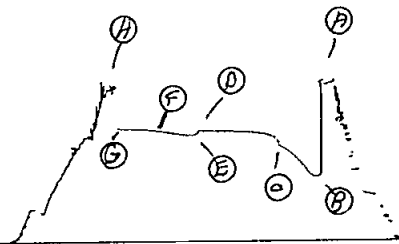
Remarks:

13629

7K 14702

Shepley + Thomas
DST,

I



1566 ~ Shepler & Thomas
KT 14702 DSTC
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