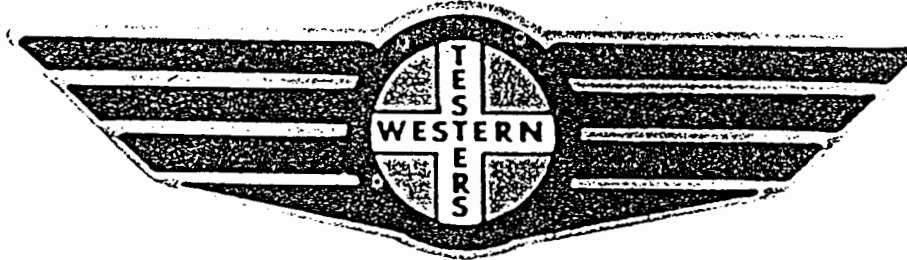


15-009-24438

11-16s-14w

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY OKMAR OIL COMPANY

LEASE & WELL NO. TEMPLING #6

SEC. 11 TWP. 16SRGE. 14W TEST NO. 1 DATE 11/2/90

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	11/2/90	TICKET	:	15396
CUSTOMER	:	OKMAR OIL COMPANY	LEASE	:	TEMPLING
WELL	:	6	TEST:	:	1
ELEVATION	:		GEOLOGIST	:	STOUT
SECTION	:	11	FORMATION	:	OREAD
RANGE	:	14W	COUNTY	:	BARTON
GAUGE SN#	:	3659	RANGE	:	4000
			STATE	:	KANSAS
			CLOCK	:	12

INTERVAL FROM	:	3033	TO	:	3061	TOTAL DEPTH	:	3061
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	3033	SIZE	:	6.63			
PACKER DEPTH	:	3028	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ALLEN RIG 3			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	47
WEIGHT	:	9.4	WATER LOSS (CC)	:	10.8
CHLORIDES (PPM)	:	6800			
JARS-MAKE	:	WTC	SERIAL NUMBER	:	411
DID WELL FLOW ?	:		REVERSED OUT ?	:	

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	3004	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	29	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	28	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5XH

BLOW COMMENT #1 : INITIAL FLOW PERIOD VERY WEAK BLOW.
BLOW COMMENT #2 : FINAL FLOW PERIOD NO BLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 10 FT OF: MUD-FEW SPOTS OF OIL ON
RECOVERED : 0 FT OF: TOP OF TOOL

Total Barrels Fluid = 0.14
Total Fluid Prod Rate = 4.49 BFPD
Indicated Wtr Rate = 0.45 BWPD

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

SET PACKER(S) :	11:55 AM	TIME STARTED OFF BOTTOM :	1:40 PM
WELL TEMPERATURE :	102		
INITIAL HYDROSTATIC PRESSURE		(A)	1551
INITIAL FLOW PERIOD MIN:	15	(B)	63 PSI TO (C) : 63
INITIAL CLOSED IN PERIOD MIN:	30	(D)	934
FINAL FLOW PERIOD MIN:	30	(E)	66 PSI TO (F) : 66
FINAL CLOSED IN PERIOD MIN:	30	(G)	825
FINAL HYDROSTATIC PRESSURE		(H)	1551

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : OKMAR OIL COMPANY
RIG : BARTON-KANSAS
FIELD : TEMPLING
WELL : 6
DATE : 11/2/90
GAUGE NO : 3659

OPERATIONAL COMMENTS

COMPANY : OKMAR OIL COMPANY
WELL : 6
GAUGE # : 3659
DATE : 2/11/90

FIELD : TEMPLING
JOB # : 15396
DEPTH : 3061
TEST :

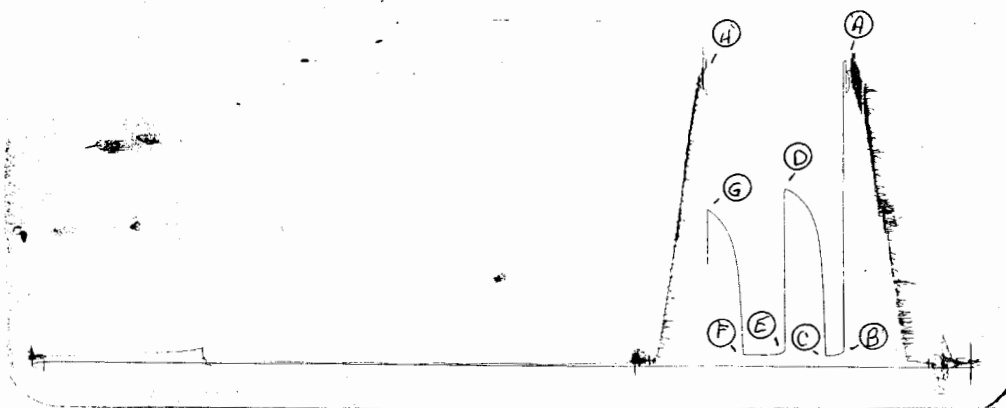
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	11:55: 0	0.000	63.000	102.00	0.000
3	11:59:59	0.083	63.000	102.00	0.000
4	12: 5: 0	0.167	63.000	102.00	0.000
5	12:10: 0	0.250	63.000	102.00	0.000
INITIAL SHUT-IN PERIOD					
6	12:13: 0	0.300	498.000	102.00	435.000
7	12:16: 0	0.350	674.000	102.00	176.000
8	12:19: 0	0.400	755.000	102.00	81.000
9	12:22: 0	0.450	810.000	102.00	55.000
10	12:25: 0	0.500	846.000	102.00	36.000
11	12:28: 0	0.550	873.000	102.00	27.000
12	12:31: 0	0.600	893.000	102.00	20.000
13	12:34: 0	0.650	910.000	102.00	17.000
14	12:37: 0	0.700	923.000	102.00	13.000
15	12:40: 0	0.750	934.000	102.00	11.000
FINAL FLOW PERIOD					
16	12:41: 0	0.767	66.000	102.00	-868.000
17	12:44:59	0.833	66.000	102.00	0.000
18	12:50: 0	0.917	66.000	102.00	0.000
19	12:55: 0	1.000	66.000	102.00	0.000
20	12:59:59	1.083	66.000	102.00	0.000
21	13: 5: 0	1.167	66.000	102.00	0.000
22	13:10: 0	1.250	66.000	102.00	0.000
FINAL SHUT-IN PERIOD					
23	13:13: 0	1.300	147.000	102.00	81.000
24	13:16: 0	1.350	434.000	102.00	287.000
25	13:19: 0	1.400	579.000	102.00	145.000
26	13:22: 0	1.450	658.000	102.00	79.000
27	13:25: 0	1.500	708.000	102.00	50.000
28	13:28: 0	1.550	745.000	102.00	37.000
29	13:31: 0	1.600	771.000	102.00	26.000
30	13:34: 0	1.650	793.000	102.00	22.000
31	13:37: 0	1.700	812.000	102.00	19.000
32	13:40: 0	1.750	825.000	102.00	13.000

WESTERN TESTING CO. INC.

365.9

TKT 15396

I



Inside Recorder

433.9

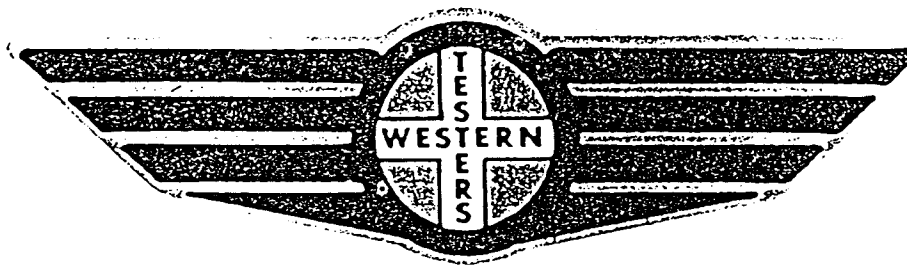
TKT 15396

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Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY OKMAR OIL COMPANY

LEASE & WELL NO. TEMPLING #6

SEC. 11 TWP. 16S RGE. 14W TEST NO. 2 DATE 11-02-90

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	11/29/90	TICKET	:	15397
CUSTOMER	:	OKMAR OIL COMPANY	LEASE	:	TEMPLING
WELL	:	6	TEST:	:	2
ELEVATION	:		GEOLOGIST	:	STOUT
SECTION	:	11	FORMATION	:	LANSING (TOP)
RANGE	:	14W	TOWNSHIP	:	16S
GAUGE SN#	:	3659	STATE	:	KANSAS
		COUNTY :	RANGE :		CLOCK :
			4000		12

INTERVAL FROM	:	3145	TO	:	3165	TOTAL DEPTH	:	3165
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	3145	SIZE	:	6.63			
PACKER DEPTH	:	3140	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ALLEN RIG 3			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	47
WEIGHT	:	9.2	WATER LOSS (CC)	:	10.8
CHLORIDES (PPM)	:	6800			
JARS-MAKE	:		SERIAL NUMBER	:	
DID WELL FLOW ?	:		REVERSED OUT ?	:	

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	3116	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	29	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	20	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5XH

BLOW COMMENT #1 : INITIAL FLOW PERIOD VERY WEAK BLOW.
BLOW COMMENT #2 : FINAL FLOW PERIOD NO BLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 15 FT OF: MUD W/A LITTLE FREE OIL
RECOVERED : 0 FT OF: ON TOP OF TOOL

Total Barrels Fluid = 0.21
Total Fluid Prod Rate = 6.73 BFPD
Indicated Wtr Rate = 0.67 BWPD

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

SET PACKER(S) :	12:30 AM	TIME STARTED OFF BOTTOM :	2:15 AM
WELL TEMPERATURE :	103		
INITIAL HYDROSTATIC PRESSURE		(A)	1662
INITIAL FLOW PERIOD MIN:	15	(B)	59 PSI TO (C) : 59
INITIAL CLOSED IN PERIOD MIN:	27	(D)	506
FINAL FLOW PERIOD MIN:	30	(E)	56 PSI TO (F) : 56
FINAL CLOSED IN PERIOD MIN:	33	(G)	371
FINAL HYDROSTATIC PRESSURE		(H)	1656

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : OKMAR OIL COMPANY
RIG : BARTON-KANSAS
FIELD : TEMPLING
WELL : 6
DATE : 11/29/90
GAUGE NO : 3659

OPERATIONAL COMMENTS

COMPANY : OKMAR OIL COMPANY
WELL : 6
GAUGE # : 3659
DATE : 2/11/90

FIELD : TEMPLING
JOB # : 15397
DEPTH : 3165
TEST :

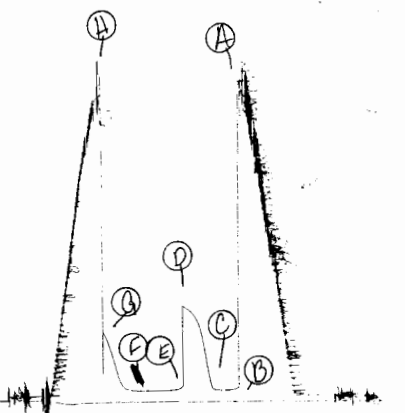
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	12:30: 0	0.000	59.000	103.00	0.000
3	12:34:59	0.083	59.000	103.00	0.000
4	12:40: 0	0.167	59.000	103.00	0.000
5	12:45: 0	0.250	59.000	103.00	0.000
INITIAL SHUT-IN PERIOD					
6	12:48: 0	0.300	61.000	103.00	2.000
7	12:51: 0	0.350	97.000	103.00	36.000
8	12:54: 0	0.400	204.000	103.00	107.000
9	12:57: 0	0.450	319.000	103.00	115.000
10	13: 0: 0	0.500	403.000	103.00	84.000
11	13: 3: 0	0.550	443.000	103.00	40.000
12	13: 6: 0	0.600	474.000	103.00	31.000
13	13: 9: 0	0.650	490.000	103.00	16.000
14	13:12: 0	0.700	506.000	103.00	16.000
FINAL FLOW PERIOD					
15	13:13: 0	0.717	56.000	103.00	-450.000
16	13:16:59	0.783	56.000	103.00	0.000
17	13:22: 0	0.867	56.000	103.00	0.000
18	13:27: 0	0.950	56.000	103.00	0.000
19	13:31:59	1.033	56.000	103.00	0.000
20	13:37: 0	1.117	56.000	103.00	0.000
21	13:42: 0	1.200	56.000	103.00	0.000
FINAL SHUT-IN PERIOD					
22	13:45: 0	1.250	56.000	103.00	0.000
23	13:48: 0	1.300	56.000	103.00	0.000
24	13:51: 0	1.350	57.000	103.00	1.000
25	13:54: 0	1.400	62.000	103.00	5.000
26	13:57: 0	1.450	71.000	103.00	9.000
27	14: 0: 0	1.500	103.000	103.00	32.000
28	14: 3: 0	1.550	165.000	103.00	62.000
29	14: 6: 0	1.600	239.000	103.00	74.000
30	14: 9: 0	1.650	305.000	103.00	66.000
31	14:12: 0	1.700	354.000	103.00	49.000
32	14:15: 0	1.750	371.000	103.00	17.000

WESTERN TESTING CO. INC.

3659

TK#15397

II

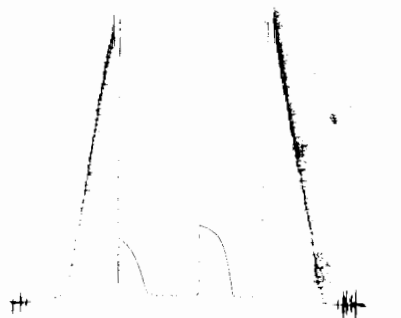


Inside Recorder

4339

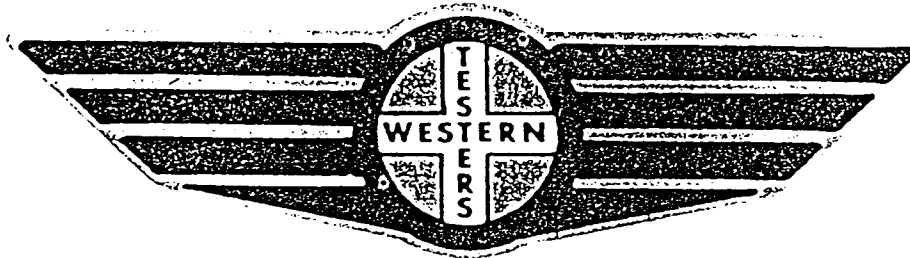
TK#15397

O.



Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY OKMAR OIL COMPANY

LEASE & WELL NO. . TEMPLING #6

SEC. 11 TWP. 16S RGE. 14W

TEST NO. 3 DATE 11-03-90

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	11/3/90	TICKET	:	15398
CUSTOMER	:	OKMAR OIL COMPANY	LEASE	:	TEMPLING
WELL	:	6	GEOLOGIST	:	STOUT
ELEVATION	:	N/A	FORMATION	:	LANSING C-O
SECTION	:	11	TOWNSHIP	:	16S
RANGE	:	14W	STATE	:	KANSAS
GAUGE SN#	:	3659	CLOCK	:	12
		COUNTY :	BARTON		
		RANGE :	4000		

INTERVAL FROM	:	3170	TO	:	3193	TOTAL DEPTH	:	3193
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	3170	SIZE	:	6.63			
PACKER DEPTH	:	3165	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ALLEN RIG 3			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	47
WEIGHT	:	9.2	WATER LOSS (CC)	:	10.8
CHLORIDES (PPM)	:	6800			
JARS-MAKE	:		SERIAL NUMBER	:	
DID WELL FLOW ?	:		REVERSED OUT ?	:	

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	3141	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	29	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	23	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5XH

BLOW COMMENT #1	:	INITIAL FLOW PERIOD VERY WEAK BLOW.
BLOW COMMENT #2	:	FINAL FLOW PERIOD NO BLOW.
BLOW COMMENT #3	:	
BLOW COMMENT #4	:	

RECOVERED : 5 FT OF: MUD

Total Barrels Fluid = 0.07
Total Fluid Prod Rate = 2.24 BFPD
Indicated Wtr Rate = 0.22 BWPD

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

SET PACKER(S) :	12:00 PM	TIME STARTED OFF BOTTOM :	1:45 AM
WELL TEMPERATURE :	103		
INITIAL HYDROSTATIC PRESSURE		(A)	1659
INITIAL FLOW PERIOD MIN:	15	(B)	54 PSI TO (C) : 54
INITIAL CLOSED IN PERIOD MIN:	30	(D)	480
FINAL FLOW PERIOD MIN:	30	(E)	56 PSI TO (F) : 56
FINAL CLOSED IN PERIOD MIN:	30	(G)	402
FINAL HYDROSTATIC PRESSURE		(H)	1628

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : OKMAR OIL COMPANY
RIG : BARTON-KANSAS
FIELD : TEMPLING
WELL : 6
DATE : 11/3/90
GAUGE NO : 3659

OPERATIONAL COMMENTS

COMPANY : OKMAR OIL COMPANY
WELL : 6
GAUGE # : 3659
DATE : 3/11/90

FIELD : TEMPLING
JOB # : 15398
DEPTH : 3193
TEST :

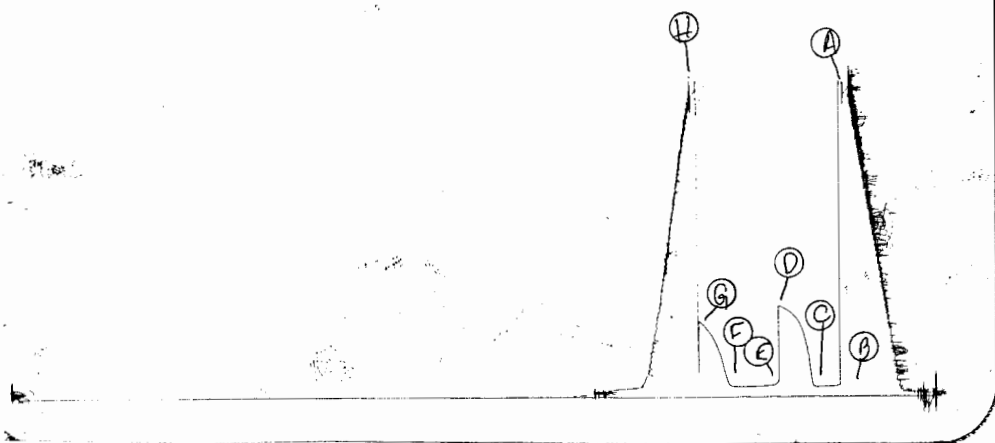
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	12: 0: 0	0.000	54.000	103.00	0.000
3	12: 4:59	0.083	54.000	103.00	0.000
4	12:10: 0	0.167	54.000	103.00	0.000
5	12:15: 0	0.250	54.000	103.00	0.000
INITIAL SHUT-IN PERIOD					
6	12:18: 0	0.300	54.000	103.00	0.000
7	12:21: 0	0.350	73.000	103.00	19.000
8	12:24: 0	0.400	212.000	103.00	139.000
9	12:27: 0	0.450	308.000	103.00	96.000
10	12:30: 0	0.500	369.000	103.00	61.000
11	12:33: 0	0.550	411.000	103.00	42.000
12	12:36: 0	0.600	434.000	103.00	23.000
13	12:39: 0	0.650	452.000	103.00	18.000
14	12:42: 0	0.700	467.000	103.00	15.000
15	12:45: 0	0.750	480.000	103.00	13.000
FINAL FLOW PERIOD					
16	12:46: 0	0.767	56.000	103.00	-424.000
17	12:49:59	0.833	56.000	103.00	0.000
18	12:55: 0	0.917	56.000	103.00	0.000
19	13: 0: 0	1.000	56.000	103.00	0.000
20	13: 4:59	1.083	56.000	103.00	0.000
21	13:10: 0	1.167	56.000	103.00	0.000
22	13:15: 0	1.250	56.000	103.00	0.000
FINAL SHUT-IN PERIOD					
23	13:18: 0	1.300	56.000	103.00	0.000
24	13:21: 0	1.350	59.000	103.00	3.000
25	13:24: 0	1.400	82.000	103.00	23.000
26	13:27: 0	1.450	157.000	103.00	75.000
27	13:30: 0	1.500	229.000	103.00	72.000
28	13:33: 0	1.550	278.000	103.00	49.000
29	13:36: 0	1.600	324.000	103.00	46.000
30	13:39: 0	1.650	349.000	103.00	25.000
31	13:42: 0	1.700	378.000	103.00	29.000
32	13:45: 0	1.750	402.000	103.00	24.000

WESTERN TESTING CO. INC.

3639

TR# 15398

I.

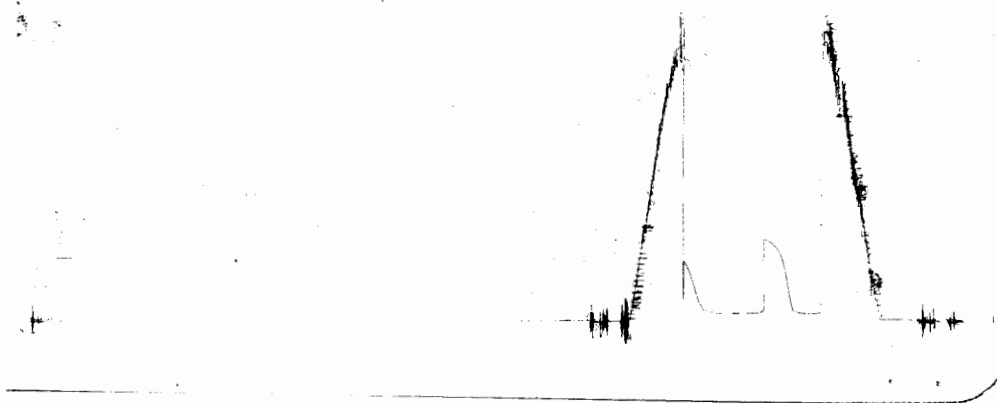


Inside Recorder

4339

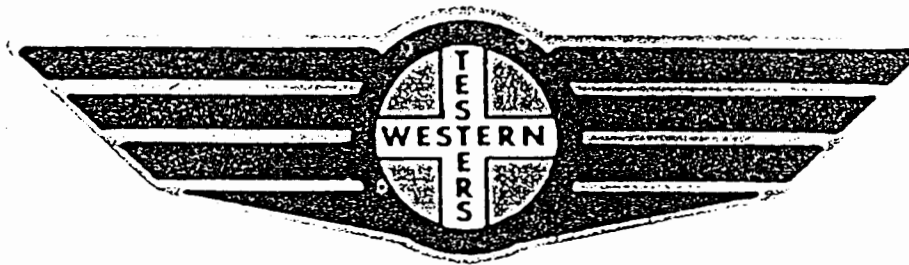
TR# 15398

O.



Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY OKMAR OIL COMPANY

LEASE & WELL NO. TEMPLING #6

SEC. 11 TWP. 16S RGE. 14W TEST NO. 4 DATE 11-04-90

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	11/4/90	TICKET	:	15399
CUSTOMER	:	OKMAR OIL COMPANY	LEASE	:	TEMPLING
WELL	:	6	TEST:	:	4
ELEVATION	:	N/A	GEOLOGIST	:	STOUT
SECTION	:	11	FORMATION	:	LANSING
RANGE	:	14W	COUNTY	:	BARTON
GAUGE SN#	:	3659	RANGE	:	4000
			STATE	:	KANSAS
			CLOCK	:	12

INTERVAL FROM	:	3283	TO	:	3335	TOTAL DEPTH	:	3335
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	3283	SIZE	:	6.63			
PACKER DEPTH	:	3278	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ALLEN RIG 3			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	47
WEIGHT	:	9.5	WATER LOSS (CC)	:	10.4
CHLORIDES (PPM)	:	8000			
JARS-MAKE	:		SERIAL NUMBER	:	
DID WELL FLOW ?	:		REVERSED OUT ?	:	

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	3254	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	29	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	52	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5XH

BLOW COMMENT #1 : INITIAL FLOW PERIOD VERY WEAK BLOW-
BLOW COMMENT #2 : 1/8 INCH IN BUCKET.
BLOW COMMENT #3 : FINAL FLOW PERIOD VERY WEAK BLOW-
BLOW COMMENT #4 : DEAD IN 25 MINUTES.

RECOVERED : 10 FT OF: MUD

Total Barrels Fluid = 0.14
Total Fluid Prod Rate = 4.49 BFPD
Indicated Wtr Rate = 0.45 BWPD

REMARK 1 :
REMARK 2 : HIT BRIDGE 150 FT OFF BOTTOM
REMARK 3 :
REMARK 4 :

SET PACKER(S) :	11:05 AM	TIME STARTED OFF BOTTOM :	12:50 PM
WELL TEMPERATURE :	105		
INITIAL HYDROSTATIC PRESSURE		(A)	1776
INITIAL FLOW PERIOD MIN:	15	(B)	73 PSI TO (C) : 73
INITIAL CLOSED IN PERIOD MIN:	30	(D)	176
FINAL FLOW PERIOD MIN:	30	(E)	76 PSI TO (F) : 76
FINAL CLOSED IN PERIOD MIN:	33	(G)	86
FINAL HYDROSTATIC PRESSURE		(H)	1749

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : OKMAR OIL COMPANY
RIG : BARTON-KANSAS
FIELD : TEMPLING
WELL : 6
DATE : 11/4/90
GAUGE NO : 3659

OPERATIONAL COMMENTS

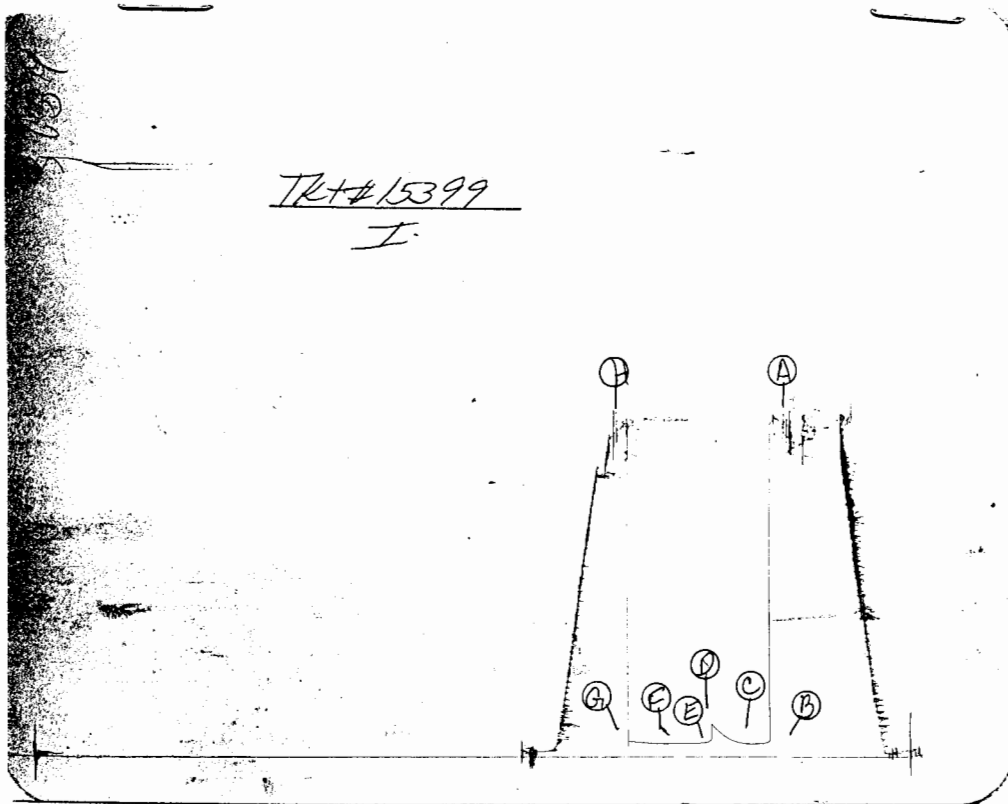
HIT BRIDGE 150 FT OFF BOTTOM

COMPANY : OKMAR OIL COMPANY
WELL : 6
GAUGE # : 3659
DATE : 4/11/90

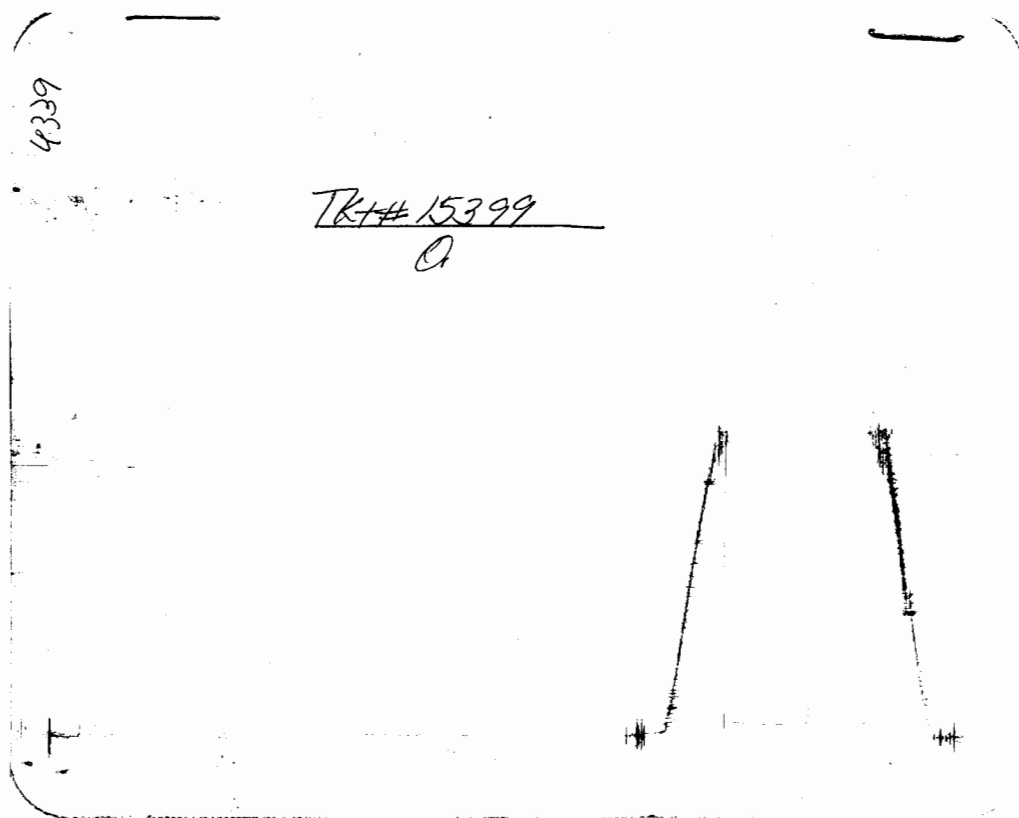
FIELD : TEMPLING
JOB # : 15399
DEPTH : 3335
TEST :

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	11: 5: 0	0.000	73.000	105.00	0.000
3	11: 9:59	0.083	73.000	105.00	0.000
4	11:15: 0	0.167	73.000	105.00	0.000
5	11:20: 0	0.250	73.000	105.00	0.000
INITIAL SHUT-IN PERIOD					
6	11:23: 0	0.300	73.000	105.00	0.000
7	11:26: 0	0.350	75.000	105.00	2.000
8	11:29: 0	0.400	78.000	105.00	3.000
9	11:32: 0	0.450	84.000	105.00	6.000
10	11:35: 0	0.500	92.000	105.00	8.000
11	11:38: 0	0.550	104.000	105.00	12.000
12	11:41: 0	0.600	118.000	105.00	14.000
13	11:44: 0	0.650	136.000	105.00	18.000
14	11:47: 0	0.700	157.000	105.00	21.000
15	11:50: 0	0.750	176.000	105.00	19.000
FINAL FLOW PERIOD					
16	11:51: 0	0.767	76.000	105.00	-100.000
17	11:54:59	0.833	76.000	105.00	0.000
18	12: 0: 0	0.917	76.000	105.00	0.000
19	12: 5: 0	1.000	76.000	105.00	0.000
20	12: 9:59	1.083	76.000	105.00	0.000
21	12:15: 0	1.167	76.000	105.00	0.000
22	12:20: 0	1.250	76.000	105.00	0.000
FINAL SHUT-IN PERIOD					
23	12:23: 0	1.300	76.000	105.00	0.000
24	12:26: 0	1.350	76.000	105.00	0.000
25	12:29: 0	1.400	76.000	105.00	0.000
26	12:32: 0	1.450	76.000	105.00	0.000
27	12:35: 0	1.500	76.000	105.00	0.000
28	12:38: 0	1.550	77.000	105.00	1.000
29	12:41: 0	1.600	80.000	105.00	3.000
30	12:44: 0	1.650	82.000	105.00	2.000
31	12:47: 0	1.700	84.000	105.00	2.000
32	12:50: 0	1.750	85.000	105.00	1.000
33	12:53: 0	1.800	86.000	105.00	1.000

WESTERN TESTING CO. INC.

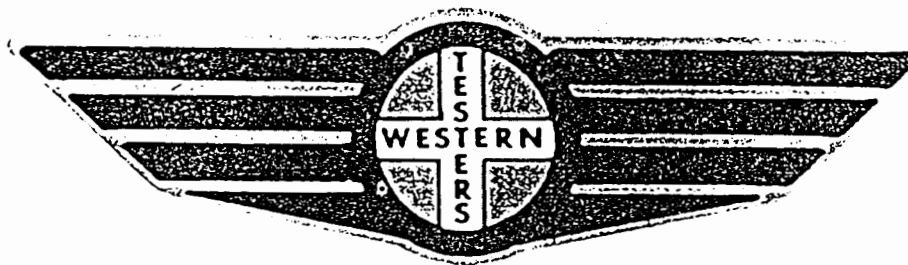


Inside Recorder



Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY OKMAR OIL COMPANY

LEASE & WELL NO.

TEMPLING #6

SEC.

11 TWP.

16S

RGE.

14W

TEST NO.

5

DATE

11-04-90

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	11/4/90	TICKET	:	15400
CUSTOMER	:	OKMAR OIL COMPANY	LEASE	:	TEMPLING
WELL	:	6	TEST:	:	5
ELEVATION	:	N/A	GEOLOGIST	:	STOUT
SECTION	:	11	FORMATION	:	ARBUCKLE
RANGE	:	14W	COUNTY	:	BARTON
GAUGE SN#	:	3659	RANGE	:	4000
			STATE	:	KANSAS
			CLOCK	:	12

INTERVAL FROM	:	3332	TO	:	3362	TOTAL DEPTH	:	3362
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	3332	SIZE	:	6.63			
PACKER DEPTH	:	3327	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ALLEN RIG 3			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	47
WEIGHT	:	9.5	WATER LOSS (CC)	:	10.8
CHLORIDES (PPM)	:	8000			
JARS-MAKE	:		SERIAL NUMBER	:	
DID WELL FLOW ?	:		REVERSED OUT ?	:	

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	3303	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	29	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	30	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5XH

BLOW COMMENT #1 : INITIAL FLOW PERIOD VERY WEAK BLOW.
BLOW COMMENT #2 : FINAL FLOW PERIOD VERY WEAK BLOW-
BLOW COMMENT #3 : DEAD IN 10 MINUTES.
BLOW COMMENT #4 :

RECOVERED : 5 FT OF: MUD W/ OIL SPOTS
RECOVERED : 0 FT OF: LITTLE FREE OIL ON TOP TOOL

Total Barrels Fluid = 0.07
Total Fluid Prod Rate = 2.24 BFPD
Indicated Wtr Rate = 0.22 BWPD

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

SET PACKER(S) :	10:10 PM	TIME STARTED OFF BOTTOM :	11:55 PM
WELL TEMPERATURE :	105		
INITIAL HYDROSTATIC PRESSURE		(A)	1742
INITIAL FLOW PERIOD MIN:	15	(B)	61 PSI TO (C) : 61
INITIAL CLOSED IN PERIOD MIN:	36	(D)	646
FINAL FLOW PERIOD MIN:	30	(E)	63 PSI TO (F) : 63
FINAL CLOSED IN PERIOD MIN:	30	(G)	96
FINAL HYDROSTATIC PRESSURE		(H)	1700

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : OKMAR OIL COMPANY
RIG : BARTON-KANSAS
FIELD : TEMPLING
WELL : 6
DATE : 11/4/90
GAUGE NO : 3659

OPERATIONAL COMMENTS

COMPANY : OKMAR OIL COMPANY
WELL : 6
GAUGE # : 3659
DATE : 4/11/90

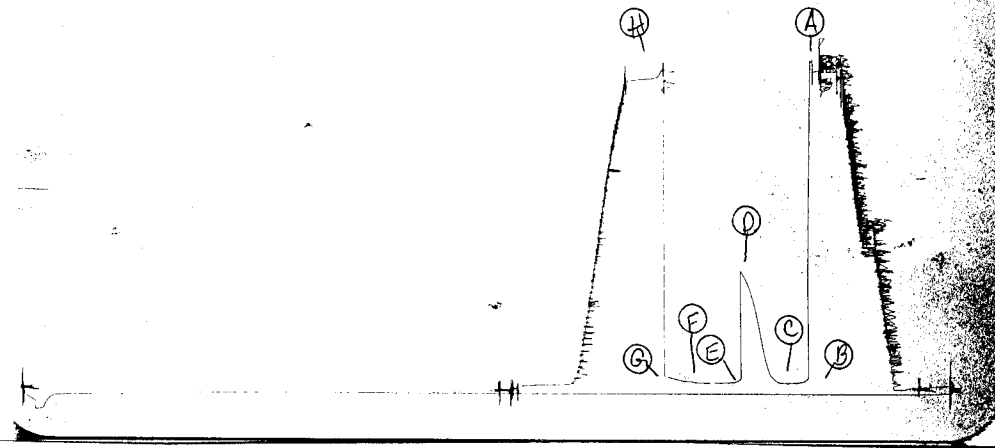
FIELD : TEMPLING
JOB # : 15400
DEPTH : 3362
TEST :

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	10:10: 0	0.000	61.000	105.00	0.000
3	10:14:59	0.083	61.000	105.00	0.000
4	10:20: 0	0.167	61.000	105.00	0.000
5	10:25: 0	0.250	61.000	105.00	0.000
INITIAL SHUT-IN PERIOD					
6	10:28: 0	0.300	61.000	105.00	0.000
7	10:31: 0	0.350	61.000	105.00	0.000
8	10:34: 0	0.400	67.000	105.00	6.000
9	10:37: 0	0.450	84.000	105.00	17.000
10	10:40: 0	0.500	113.000	105.00	29.000
11	10:43: 0	0.550	185.000	105.00	72.000
12	10:46: 0	0.600	281.000	105.00	96.000
13	10:49: 0	0.650	386.000	105.00	105.000
14	10:52: 0	0.700	474.000	105.00	88.000
15	10:55: 0	0.750	540.000	105.00	66.000
16	10:58: 0	0.800	592.000	105.00	52.000
17	11: 1: 0	0.850	646.000	105.00	54.000
FINAL FLOW PERIOD					
18	11: 2: 0	0.867	63.000	105.00	-583.000
19	11: 5:59	0.933	63.000	105.00	0.000
20	11:11: 0	1.017	63.000	105.00	0.000
21	11:16: 0	1.100	63.000	105.00	0.000
22	11:20:59	1.183	63.000	105.00	0.000
23	11:26: 0	1.267	63.000	105.00	0.000
24	11:31: 0	1.350	63.000	105.00	0.000
FINAL SHUT-IN PERIOD					
25	11:34: 0	1.400	63.000	105.00	0.000
26	11:37: 0	1.450	63.000	105.00	0.000
27	11:40: 0	1.500	67.000	105.00	4.000
28	11:43: 0	1.550	69.000	105.00	2.000
29	11:46: 0	1.600	71.000	105.00	2.000
30	11:49: 0	1.650	76.000	105.00	5.000
31	11:52: 0	1.700	81.000	105.00	5.000
32	11:55: 0	1.750	87.000	105.00	6.000
33	11:58: 0	1.800	94.000	105.00	7.000
34	12: 1: 0	1.850	96.000	105.00	2.000

WESTERN TESTING CO. INC.

3659

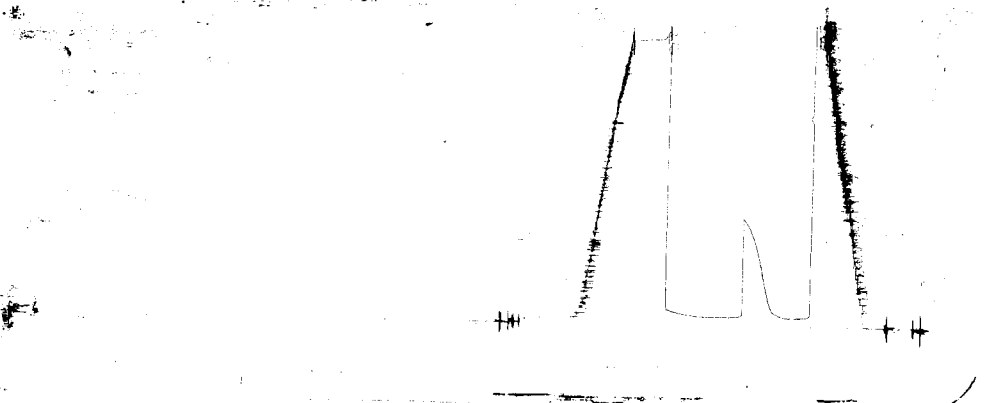
TR# 15400
I.



Inside Recorder

4389

TR# 15400
O.



Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY OKMAR OIL COMPANY

LEASE & WELL NO. TEMPLING # 6

SEC. 11 TWP. 16S RGE. 14W TEST NO. 6 DATE 11-5-90

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	11/5/90	TICKET	:	16626
CUSTOMER	:	OKMAR OIL COMPANY	LEASE	:	TEMPLING
WELL	:	6	TEST:	:	6
ELEVATION	:	N/A	GEOLOGIST	:	STOUT
SECTION	:	11	FORMATION	:	ARBUCKLE
RANGE	:	14W	TOWNSHIP	:	16S
GAUGE SN#	:	3659	STATE	:	KANSAS
		COUNTY :	RANGE :		CLOCK :
			4000		12

INTERVAL FROM	:	3362	TO	:	3372	TOTAL DEPTH	:	3372
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	3362	SIZE	:	6.63			
PACKER DEPTH	:	3357	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ALLEN RIG 2			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	47
WEIGHT	:	9.3	WATER LOSS (CC)	:	10.8
CHLORIDES (PPM)	:	8000			
JARS-MAKE	:		SERIAL NUMBER	:	
DID WELL FLOW ?	:		REVERSED OUT ?	:	

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	3333	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	29	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	10	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5XH

BLOW COMMENT #1	:	INITIAL FLOW PERIOD WEAK BLOW
BLOW COMMENT #2	:	BUILDING TO 3 INCHES.
BLOW COMMENT #3	:	FINAL FLOW PERIOD WEAK TO FAIR
BLOW COMMENT #4	:	BLOW-BUILDING TO 7 INCHES.

RECOVERED : 45 FT OF: CLEAN OIL 39 GRAVITY
RECOVERED : 20 FT OF: GASSY MUD CUT FROGGY OIL
RECOVERED : 0 FT OF: 10% MUD: 90% MUD

Total Barrels Fluid = 0.91
Total Fluid Prod Rate = 17.50 BFPD
Indicated Oil Rate = 16.97 BOPD
Indicated Wtr Rate = 0.05 BWPD
Corrected Oil Rate = 6.00 BOPD
Corrected Wtr Rate = 0.02 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 60 FT GAS ABOVE FLUID
REMARK 3 :
REMARK 4 :

SET PACKER(S) :	9:55 AM	TIME STARTED OFF BOTTOM :	1:10 PM
WELL TEMPERATURE :	105		
INITIAL HYDROSTATIC PRESSURE		(A)	1747
INITIAL FLOW PERIOD MIN:	15	(B)	53 PSI TO (C) : 53
INITIAL CLOSED IN PERIOD MIN:	33	(D)	852
FINAL FLOW PERIOD MIN:	60	(E)	61 PSI TO (F) : 61
FINAL CLOSED IN PERIOD MIN:	93	(G)	935
FINAL HYDROSTATIC PRESSURE		(H)	1695

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : OKMAR OIL COMPANY
RIG : BARTON-KANSAS
FIELD : TEMPLING
WELL : 6
DATE : 11/5/90
GAUGE NO : 3659

OPERATIONAL COMMENTS

RECOVERED 60 FT GAS ABOVE FLUID

COMPANY : OKMAR OIL COMPANY
WELL : 6
GAUGE # : 3659
DATE : 5/11/90

FIELD : TEMPLING
JOB # : 16626
DEPTH : 3372
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	9:55: 0	0.000	53.000	105.00	0.000
3	9:59:59	0.083	53.000	105.00	0.000
4	10: 5: 0	0.167	53.000	105.00	0.000
5	10:10: 0	0.250	53.000	105.00	0.000
INITIAL SHUT-IN PERIOD					
6	10:13: 0	0.300	53.000	105.00	0.000
7	10:16: 0	0.350	165.000	105.00	112.000
8	10:19: 0	0.400	355.000	105.00	190.000
9	10:22: 0	0.450	479.000	105.00	124.000
10	10:25: 0	0.500	575.000	105.00	96.000
11	10:28: 0	0.550	642.000	105.00	67.000
12	10:31: 0	0.600	695.000	105.00	53.000
13	10:34: 0	0.650	744.000	105.00	49.000
14	10:37: 0	0.700	781.000	105.00	37.000
15	10:40: 0	0.750	815.000	105.00	34.000
16	10:43: 0	0.800	852.000	105.00	37.000
FINAL FLOW PERIOD					
17	10:44: 0	0.817	61.000	105.00	-791.000
18	10:47:59	0.883	61.000	105.00	0.000
19	10:53: 0	0.967	61.000	105.00	0.000
20	10:58: 0	1.050	61.000	105.00	0.000
21	11: 2:59	1.133	61.000	105.00	0.000
22	11: 8: 0	1.217	61.000	105.00	0.000
23	11:13: 0	1.300	61.000	105.00	0.000
24	11:17:59	1.383	61.000	105.00	0.000
25	11:23: 0	1.467	61.000	105.00	0.000
26	11:28: 0	1.550	61.000	105.00	0.000
27	11:32:59	1.633	61.000	105.00	0.000
28	11:38: 0	1.717	61.000	105.00	0.000
29	11:43: 0	1.800	61.000	105.00	0.000
FINAL SHUT-IN PERIOD					
30	11:46: 0	1.850	70.000	105.00	9.000
31	11:49: 0	1.900	136.000	105.00	66.000
32	11:52: 0	1.950	242.000	105.00	106.000
33	11:55: 0	2.000	348.000	105.00	106.000
34	11:58: 0	2.050	433.000	105.00	85.000
35	12: 1: 0	2.100	497.000	105.00	64.000
36	12: 3:59	2.150	547.000	105.00	50.000
37	12: 7: 0	2.200	594.000	105.00	47.000
38	12:10: 0	2.250	634.000	105.00	40.000
39	12:13: 0	2.300	667.000	105.00	33.000
40	12:16: 0	2.350	697.000	105.00	30.000
41	12:19: 0	2.400	723.000	105.00	26.000
42	12:21:59	2.450	749.000	105.00	26.000
43	12:25: 0	2.500	767.000	105.00	18.000
44	12:28: 0	2.550	784.000	105.00	17.000
45	12:31: 0	2.600	801.000	105.00	17.000
46	12:34: 0	2.650	817.000	105.00	16.000
47	12:36:59	2.700	830.000	105.00	13.000
48	12:40: 0	2.750	843.000	105.00	13.000

COMPANY : OKMAR OIL COMPANY
WELL : 6
GAUGE # : 3659
DATE : 5/11/90

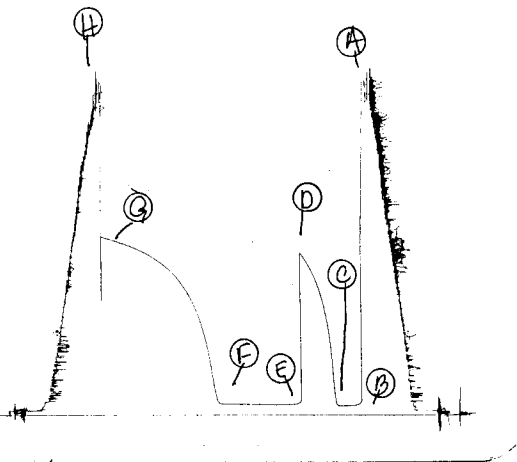
FIELD : TEMPLING
JOB # : 16626
DEPTH : 3372
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	12:43: 0	2.800	854.000	105.00	11.000
50	12:46: 0	2.850	864.000	105.00	10.000
51	12:49: 0	2.900	874.000	105.00	10.000
52	12:51:59	2.950	883.000	105.00	9.000
53	12:55: 0	3.000	892.000	105.00	9.000
54	12:58: 0	3.050	900.000	105.00	8.000
55	13: 1: 0	3.100	907.000	105.00	7.000
56	13: 4: 0	3.150	916.000	105.00	9.000
57	13: 6:59	3.200	921.000	105.00	5.000
58	13:10: 0	3.250	927.000	105.00	6.000
59	13:13: 0	3.300	932.000	105.00	5.000
60	13:16: 0	3.350	935.000	105.00	3.000

WESTERN TESTING CO. INC.

3659

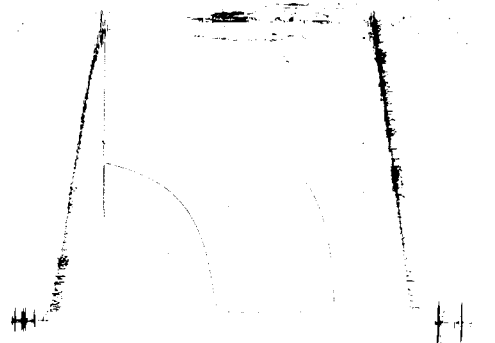
TK# 16626
I.



Inside Recorder

4339

TK# 16626
O.



Outside Recorder