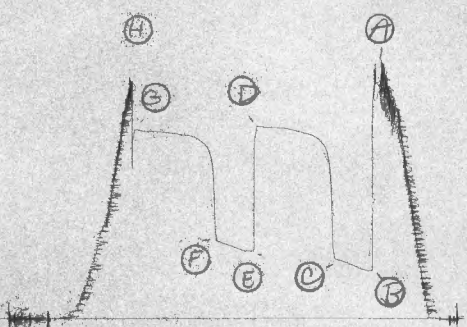


10979 APT 71

4kt 13149

I

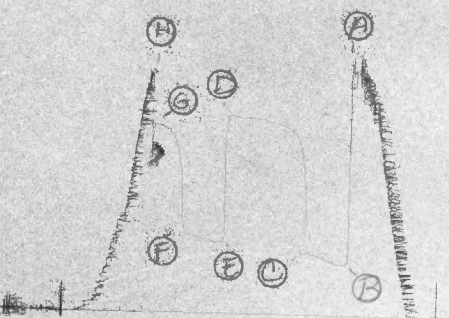


Inside Recorder

13005
OST 71

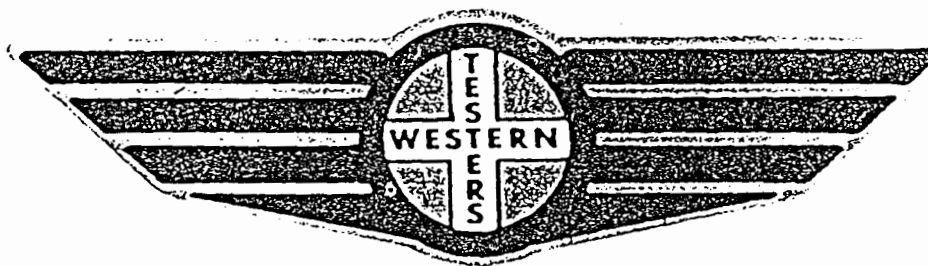
4kt 13149

O



Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY J.A. ALLISON

LEASE & WELL NO. MCLAUGHLIN #1

SEC. 2 TWP. 29S RGE. 2W TEST NO. 1 DATE 9/18/90

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	9-18-90	TICKET	:	13149
CUSTOMER	:	J.A. ALLISON	LEASE	:	MCLAUGHLIN
WELL	:	#1	TEST:	:	1
ELEVATION	:	1357 K.B.	GEOLOGIST	:	HANSEN
SECTION	:	2	FORMATION	:	STALNAKER
RANGE	:	2W	TOWNSHIP	:	29S
Gauge SN#	:	10979	STATE	:	KANSAS
	:	COUNTY :	CLOCK	:	12
	:	SEDWICK		:	
	:	RANGE :		:	
	:	4100		:	

INTERVAL FROM : 2636 TO : 2664 TOTAL DEPTH : 2664

DEPTH OF SELECTIVE ZONE :

PACKER DEPTH : 2631 SIZE : 6.63

PACKER DEPTH : 2636 SIZE : 6.63

PACKER DEPTH : SIZE :

PACKER DEPTH : SIZE :

DRILLING CON. : ALLEN RIG #1

MUD TYPE : CHEMICAL

VISCOSITY : 44

WEIGHT : 8.9

WATER LOSS (CC) : 13.2

CHLORIDES (PPM) : 18500

JARS-MAKE : WTC

SERIAL NUMBER : 114

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 : 2606 FT I.D. inch : 3.80

TEST TOOL LENGTH : 30 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 : FAIR BLOW DIMINISHING TO A WEAK BLOW

BLOW COMMENT #2 : THROUGHOUT TEST.

BLOW COMMENT #3 :

BLOW COMMENT #4 :

RECOVERED : 690 FT OF: DRILLING MUD
RECOVERED : 90 FT OF: GAS-CUT MUD
RECOVERED : 210 FT OF: GAS-CUT SALT WATER

Total Barrels Fluid = 13.89
Total Fluid Prod Rate = 333.27 BFPD
Indicated Wtr Rate = 96.95 BWPD

REMARK 1 :
REMARK 2 : CHLORIDES 255000 P.P.M.
REMARK 3 :
REMARK 4 :

SET PACKER(S) :	3:30 P.M.	TIME STARTED OFF BOTTOM :	6:30 P.M.
WELL TEMPERATURE :	97		
INITIAL HYDROSTATIC PRESSURE		(A)	1290
INITIAL FLOW PERIOD MIN:	30	(B)	257 PSI TO (C) : 326
INITIAL CLOSED IN PERIOD MIN:	60	(D)	1040
FINAL FLOW PERIOD MIN:	30	(E)	364 PSI TO (F) : 423
FINAL CLOSED IN PERIOD MIN:	60	(G)	1024
FINAL HYDROSTATIC PRESSURE		(H)	1281

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : J.A. ALLISON
RIG : SEDWICK-KANSAS
FIELD : MCLAUGHLIN
WELL : #1
DATE : 9-18-90
GAUGE NO : 10979

OPERATIONAL COMMENTS

CHLORIDES 255000 P.P.M.

COMPANY : J.A. ALLISON
WELL : #1
GAUGE # : 10979
DATE : 18/ 9/90

FIELD : MCLAUGHLIN
JOB # : 13149
DEPTH : 2664
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	257.000	97.00	0.000
3	3:34:59	0.083	257.000	97.00	0.000
4	3:40: 0	0.167	278.000	97.00	21.000
5	3:45: 0	0.250	293.000	97.00	15.000
6	3:49:59	0.333	306.000	97.00	13.000
7	3:55: 0	0.417	322.000	97.00	16.000
8	4: 0: 0	0.500	326.000	97.00	4.000
INITIAL SHUT-IN PERIOD					
9	4: 3: 0	0.550	595.000	97.00	269.000
10	4: 6: 0	0.600	851.000	97.00	256.000
11	4: 9: 0	0.650	927.000	97.00	76.000
12	4:12: 0	0.700	956.000	97.00	29.000
13	4:15: 0	0.750	978.000	97.00	22.000
14	4:18: 0	0.800	993.000	97.00	15.000
15	4:21: 0	0.850	1000.000	97.00	7.000
16	4:24: 0	0.900	1004.000	97.00	4.000
17	4:27: 0	0.950	1010.000	97.00	6.000
18	4:30: 0	1.000	1016.000	97.00	6.000
19	4:33: 0	1.050	1024.000	97.00	8.000
20	4:36: 0	1.100	1026.000	97.00	2.000
21	4:39: 0	1.150	1030.000	97.00	4.000
22	4:42: 0	1.200	1031.000	97.00	1.000
23	4:45: 0	1.250	1033.000	97.00	2.000
24	4:48: 0	1.300	1035.000	97.00	2.000
25	4:51: 0	1.350	1036.000	97.00	1.000
26	4:54: 0	1.400	1037.000	97.00	1.000
27	4:57: 0	1.450	1038.000	97.00	1.000
28	5: 0: 0	1.500	1040.000	97.00	2.000
FINAL FLOW PERIOD					
29	5: 1: 0	1.517	364.000	97.00	-676.000
30	5: 4:59	1.583	364.000	97.00	0.000
31	5:10: 0	1.667	374.000	97.00	10.000
32	5:15: 0	1.750	393.000	97.00	19.000
33	5:19:59	1.833	405.000	97.00	12.000
34	5:25: 0	1.917	419.000	97.00	14.000
35	5:30: 0	2.000	423.000	97.00	4.000
FINAL SHUT-IN PERIOD					
36	5:33: 0	2.050	878.000	97.00	455.000
37	5:36: 0	2.100	927.000	97.00	49.000
38	5:39: 0	2.150	955.000	97.00	28.000
39	5:42: 0	2.200	971.000	97.00	16.000
40	5:45: 0	2.250	984.000	97.00	13.000
41	5:48: 0	2.300	991.000	97.00	7.000
42	5:51: 0	2.350	994.000	97.00	3.000
43	5:54: 0	2.400	996.000	97.00	2.000
44	5:57: 0	2.450	998.000	97.00	2.000
45	6: 0: 0	2.500	1003.000	97.00	5.000
46	6: 3: 0	2.550	1006.000	97.00	3.000
47	6: 6: 0	2.600	1008.000	97.00	2.000
48	6: 9: 0	2.650	1010.000	97.00	2.000

COMPANY : J.A. ALLISON
WELL : #1
GAUGE # : 10979
DATE : 18/ 9/90

FIELD : MCLAUGHLIN
JOB # : 13149
DEPTH : 2664
TEST :

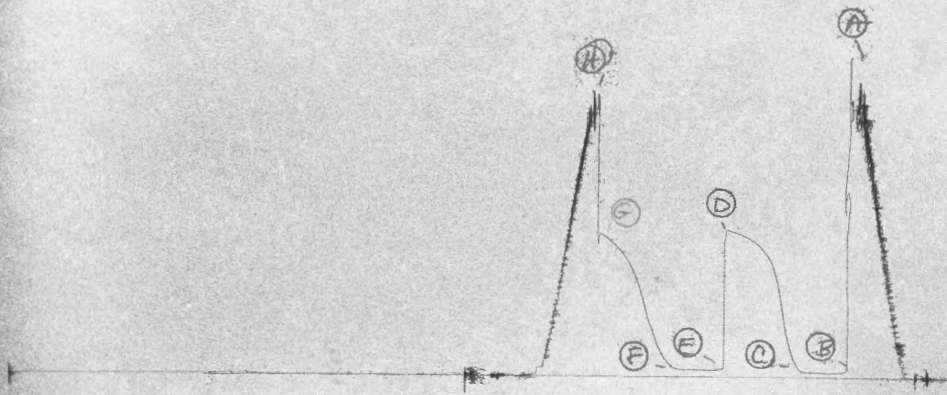
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	6:12: 0	2.700	1012.000	97.00	2.000
50	6:15: 0	2.750	1014.000	97.00	2.000
51	6:18: 0	2.800	1016.000	97.00	2.000
52	6:21: 0	2.850	1018.000	97.00	2.000
53	6:24: 0	2.900	1020.000	97.00	2.000
54	6:27: 0	2.950	1022.000	97.00	2.000
55	6:30: 0	3.000	1024.000	97.00	2.000

WESTERN TESTING CO. INC.

10979 AS7 #2

+Kt 13150

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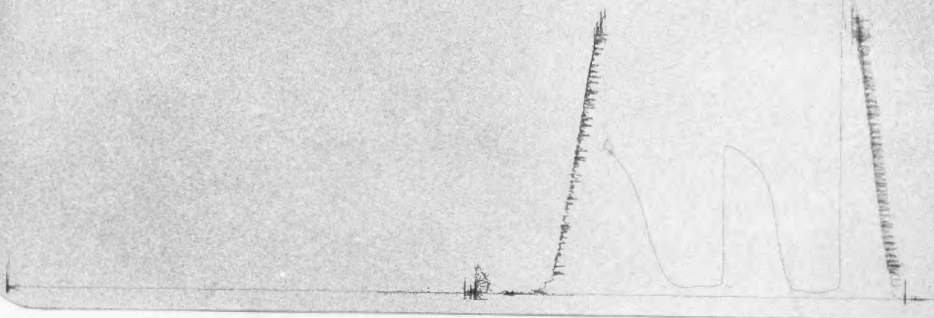


Inside Recorder

13065 AS7 #2

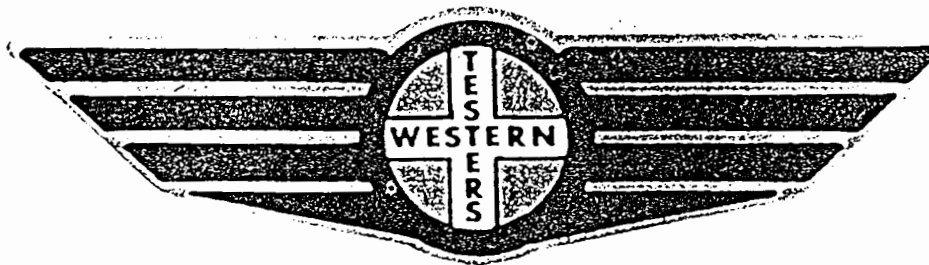
+Kt 13150

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Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY J.A. ALLISON

LEASE & WELL NO. MCLAUGHLIN #1

SEC. 2 TWP. 29S RGE. 2W TEST NO. 2 DATE 9/19/90

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	9-19-90	TICKET	:	13150
CUSTOMER	:	J.A. ALLISON	LEASE	:	MCLAUGHLIN
WELL	:	#1	TEST:	:	2
ELEVATION	:	1357 K.B.	GEOLOGIST	:	HANSEN
SECTION	:	2	FORMATION	:	K.C.
RANGE	:	2W	COUNTY	:	SEDGWICK
GAUGE SN#	:	10979	RANGE	:	4100
			STATE	:	KANSAS
			CLOCK	:	12

INTERVAL FROM	:	2932	TO	:	2950	TOTAL DEPTH	:	2950
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	2927	SIZE	:	6.63			
PACKER DEPTH	:	2932	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ALLEN RIG #1			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	42
WEIGHT	:	9.2	WATER LOSS (CC)	:	16.4
CHLORIDES (PPM)	:	1500			
JARS-MAKE	:	WTC.	SERIAL NUMBER	:	114
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	:	2902	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	30	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	18	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 : STRONG BLOW THROUGHOUT TEST.
BLOW COMMENT #2 : BOTTOM OF BUCKET IN 3 MINIUTES ON
BLOW COMMENT #3 : INITIAL FLOW PERIOD.
BLOW COMMENT #4 :

RECOVERED : 15 FT OF: FREE OIL
RECOVERED : 0 FT OF: 37 GRAVITY AT 60 DEGREES F.
RECOVERED : 60 FT OF: GASSY OIL-CUT MUD
RECOVERED : 0 FT OF: 30%OIL 15%GAS 55%MUD

Total Barrels Fluid = 1.05
Total Fluid Prod Rate = 25.25 BFPD
Indicated Oil Rate = 11.11 BOPD
Indicated Wtr Rate = 1.11 BWPD
Corrected Oil Rate = 12.96 BOPD
Corrected Wtr Rate = 1.30 BWPD

REMARK 1 :
REMARK 2 : 1185 FT. GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 5:00 P.M. TIME STARTED OFF BOTTOM : 8:00 P.M.
WELL TEMPERATURE : 108
INITIAL HYDROSTATIC PRESSURE (A) 1498
INITIAL FLOW PERIOD MIN: 30 (B) 28 PSI TO (C) : 33
INITIAL CLOSED IN PERIOD MIN: 60 (D) 800
FINAL FLOW PERIOD MIN: 30 (E) 42 PSI TO (F) : 42
FINAL CLOSED IN PERIOD MIN: 60 (G) 779
FINAL HYDROSTATIC PRESSURE (H) 1463

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : J.A. ALLISON
RIG : SEDGWICK-KANSAS
FIELD : MCLAUGHLIN
WELL : #1
DATE : 9-19-90
GAUGE NO : 10979

OPERATIONAL COMMENTS

1185 FT. GAS ABOVE FLUID.

COMPANY : J.A. ALLISON
WELL : #1
GAUGE # : 10979
DATE : 19/ 9/90

FIELD : MCLAUGHLIN
JOB # : 13150
DEPTH : 2950
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)

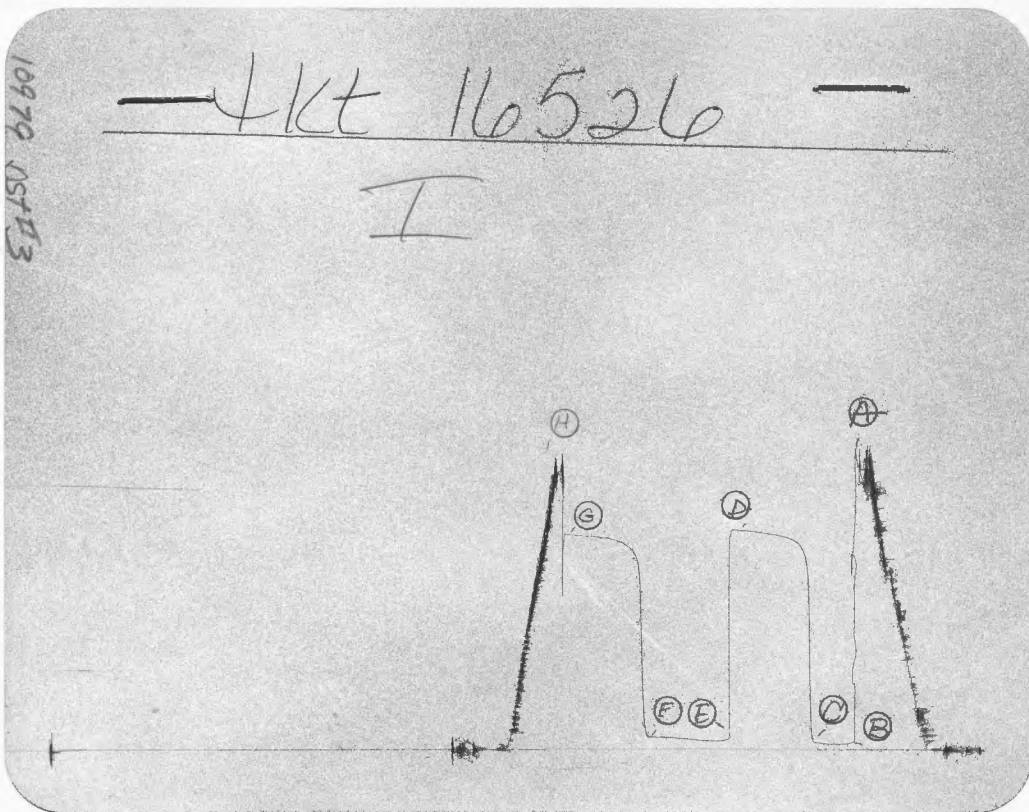
INITIAL FLOW PERIOD					
2	5: 0: 0	0.000	28.000	108.00	0.000
3	5: 4:59	0.083	28.000	108.00	0.000
4	5:10: 0	0.167	28.000	108.00	0.000
5	5:15: 0	0.250	28.000	108.00	0.000
6	5:19:59	0.333	28.000	108.00	0.000
7	5:25: 0	0.417	31.000	108.00	3.000
8	5:30: 0	0.500	33.000	108.00	2.000
INITIAL SHUT-IN PERIOD					
9	5:33: 0	0.550	36.000	108.00	3.000
10	5:36: 0	0.600	40.000	108.00	4.000
11	5:39: 0	0.650	92.000	108.00	52.000
12	5:42: 0	0.700	156.000	108.00	64.000
13	5:45: 0	0.750	245.000	108.00	89.000
14	5:48: 0	0.800	363.000	108.00	118.000
15	5:51: 0	0.850	491.000	108.00	128.000
16	5:54: 0	0.900	571.000	108.00	80.000
17	5:57: 0	0.950	636.000	108.00	65.000
18	6: 0: 0	1.000	668.000	108.00	32.000
19	6: 2:59	1.050	693.000	108.00	25.000
20	6: 6: 0	1.100	718.000	108.00	25.000
21	6: 9: 0	1.150	735.000	108.00	17.000
22	6:12: 0	1.200	753.000	108.00	18.000
23	6:15: 0	1.250	760.000	108.00	7.000
24	6:18: 0	1.300	773.000	108.00	13.000
25	6:21: 0	1.350	783.000	108.00	10.000
26	6:24: 0	1.400	789.000	108.00	6.000
27	6:27: 0	1.450	794.000	108.00	5.000
28	6:30: 0	1.500	800.000	108.00	6.000
FINAL FLOW PERIOD					
29	6:31: 0	1.517	42.000	108.00	-758.000
30	6:34:59	1.583	42.000	108.00	0.000
31	6:40: 0	1.667	42.000	108.00	0.000
32	6:45: 0	1.750	42.000	108.00	0.000
33	6:49:59	1.833	42.000	108.00	0.000
34	6:55: 0	1.917	42.000	108.00	0.000
35	7: 0: 0	2.000	42.000	108.00	0.000
FINAL SHUT-IN PERIOD					
36	7: 3: 0	2.050	44.000	108.00	2.000
37	7: 5:59	2.100	51.000	108.00	7.000
38	7: 9: 0	2.150	71.000	108.00	20.000
39	7:12: 0	2.200	94.000	108.00	23.000
40	7:15: 0	2.250	133.000	108.00	39.000
41	7:18: 0	2.300	173.000	108.00	40.000
42	7:21: 0	2.350	236.000	108.00	63.000
43	7:24: 0	2.400	292.000	108.00	56.000
44	7:27: 0	2.450	373.000	108.00	81.000
45	7:30: 0	2.500	454.000	108.00	81.000
46	7:33: 0	2.550	515.000	108.00	61.000
47	7:36: 0	2.600	572.000	108.00	57.000
48	7:39: 0	2.650	607.000	108.00	35.000

COMPANY : J.A. ALLISON
WELL : #1
GAUGE # : 10979
DATE : 19/ 9/90

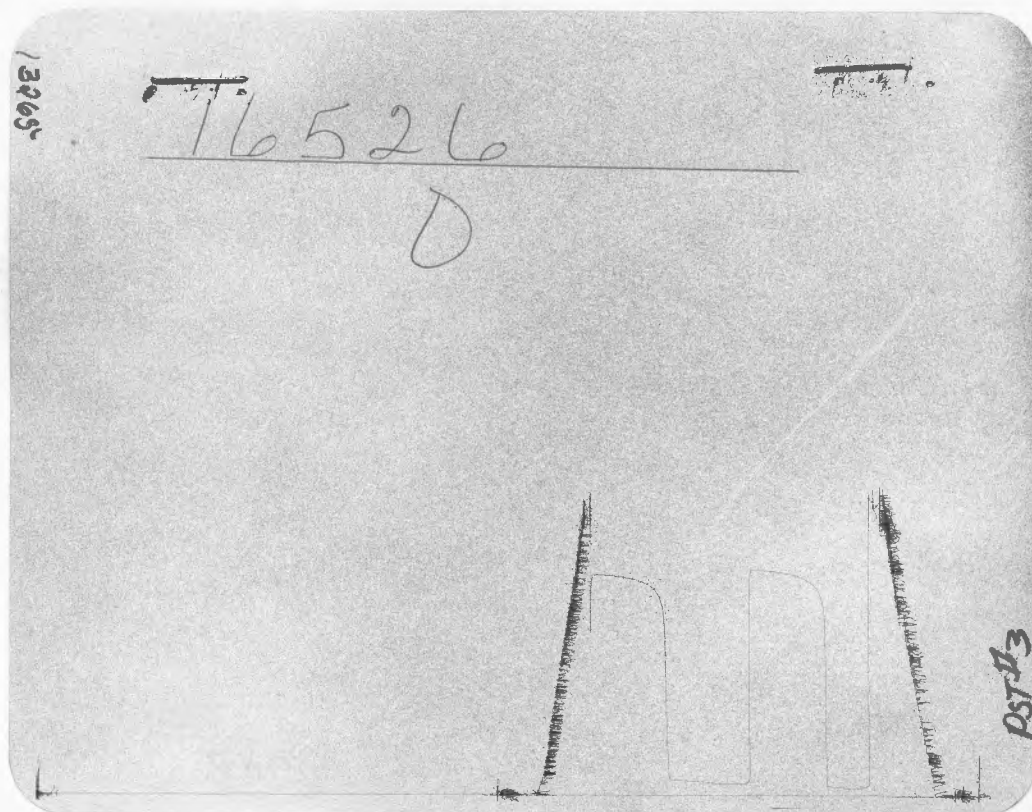
FIELD : MCLAUGHLIN
JOB # : 13150
DEPTH : 2950
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	7:42: 0	2.700	647.000	108.00	40.000
50	7:45: 0	2.750	674.000	108.00	27.000
51	7:48: 0	2.800	700.000	108.00	26.000
52	7:51: 0	2.850	724.000	108.00	24.000
53	7:54: 0	2.900	748.000	108.00	24.000
54	7:57: 0	2.950	758.000	108.00	10.000
55	8: 0: 0	3.000	779.000	108.00	21.000

WESTERN TESTING CO. INC.

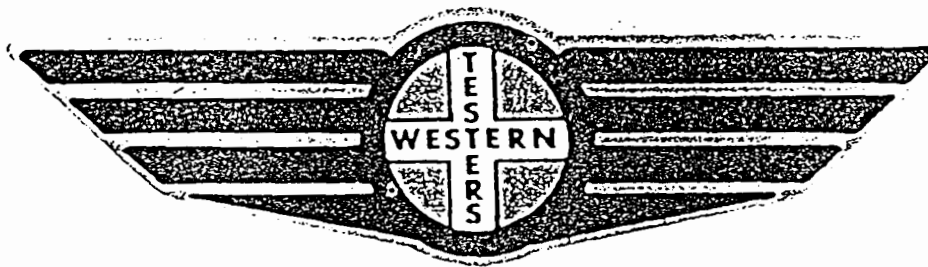


Inside Recorder



Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY J.A. ALLISON

LEASE & WELL NO. MCLAUGHLIN #1

SEC 2 TWP 29S RGE 2W TEST NO. 3 DATE 9/20/90

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	9-20-90	TICKET	:	16526
CUSTOMER	:	J.A. ALLISON	LEASE	:	MCLAUGHLIN
WELL	:	#1	TEST:	:	3
ELEVATION	:	1357 K.B.	GEOLOGIST	:	HANSEN
SECTION	:	2	FORMATION	:	K.C. SWOPE
RANGE	:	2W	COUNTY	:	SEDGWICK
GAUGE SN#	:	10979	STATE	:	KANSAS
			RANGE	:	4100
			CLOCK	:	12

INTERVAL FROM	:	3028	TO	:	3043	TOTAL DEPTH	:	3043
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	3023	SIZE	:	6.63			
PACKER DEPTH	:	3028	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ALLEN RIG #1			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	42
WEIGHT	:	9.0	WATER LOSS (CC)	:	16.4
CHLORIDES (PPM)	:	1500			
JARS-MAKE	:	WTC	SERIAL NUMBER	:	114
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	:	2998	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	30	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	15	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	:	WEAK BLOW THROUGHOUT TEST.
BLOW COMMENT #2	:	1 INCH INTO BUCKET.
BLOW COMMENT #3	:	
BLOW COMMENT #4	:	

RECOVERED : 105 FT OF: MUDDY-CUT SALT WATER
RECOVERED : 0 FT OF: CHLORIDES 148000 P.P.M.

Total Barrels Fluid = 1.47
Total Fluid Prod Rate = 23.56 BFPD
Indicated Wtr Rate = 17.67 BWPD

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

SET PACKER(S) :	7:30 A.M.	TIME STARTED OFF BOTTOM :	11:00 A.M.
WELL TEMPERATURE :	109		
INITIAL HYDROSTATIC PRESSURE		(A)	1527
INITIAL FLOW PERIOD MIN:	30	(B)	26 PSI TO (C) : 40
INITIAL CLOSED IN PERIOD MIN:	60	(D)	1190
FINAL FLOW PERIOD MIN:	60	(E)	48 PSI TO (F) : 70
FINAL CLOSED IN PERIOD MIN:	60	(G)	1162
FINAL HYDROSTATIC PRESSURE		(H)	1498

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : J.A. ALLISON
RIG : SEDGWICK-KANSAS
FIELD : MCLAUGHLIN
WELL : #1
DATE : 9-20-90
GAUGE NO : 10979

OPERATIONAL COMMENTS

COMPANY : J.A. ALLISON
WELL : #1
GAUGE # : 10979
DATE : 20/ 9/90

FIELD : MCLAUGHLIN
JOB # : 16526
DEPTH : 3043
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)

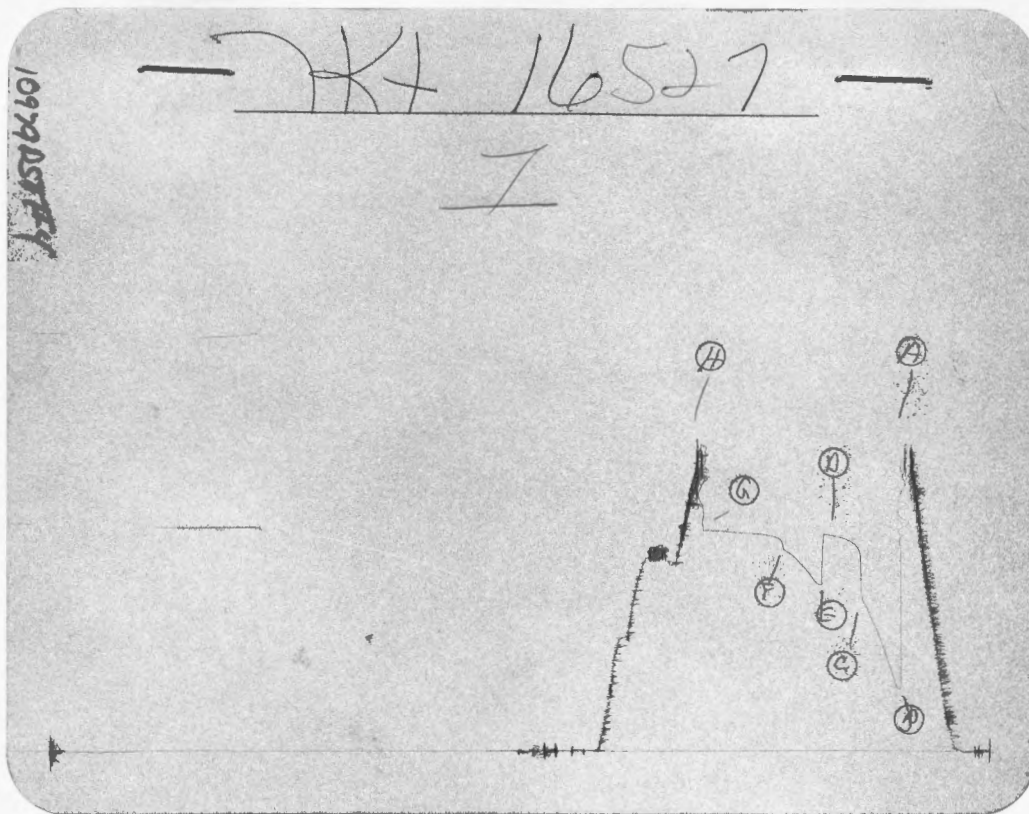
INITIAL FLOW PERIOD					
2	7:30: 0	0.000	26.000	109.00	0.000
3	7:34:59	0.083	26.000	109.00	0.000
4	7:40: 0	0.167	26.000	109.00	0.000
5	7:45: 0	0.250	26.000	109.00	0.000
6	7:49:59	0.333	32.000	109.00	6.000
7	7:55: 0	0.417	39.000	109.00	7.000
8	8: 0: 0	0.500	40.000	109.00	1.000
INITIAL SHUT-IN PERIOD					
9	8: 3: 0	0.550	598.000	109.00	558.000
10	8: 6: 0	0.600	1010.000	109.00	412.000
11	8: 9: 0	0.650	1080.000	109.00	70.000
12	8:12: 0	0.700	1117.000	109.00	37.000
13	8:15: 0	0.750	1131.000	109.00	14.000
14	8:18: 0	0.800	1141.000	109.00	10.000
15	8:21: 0	0.850	1151.000	109.00	10.000
16	8:24: 0	0.900	1153.000	109.00	2.000
17	8:27: 0	0.950	1159.000	109.00	6.000
18	8:30: 0	1.000	1165.000	109.00	6.000
19	8:33: 0	1.050	1168.000	109.00	3.000
20	8:36: 0	1.100	1169.000	109.00	1.000
21	8:39: 0	1.150	1173.000	109.00	4.000
22	8:42: 0	1.200	1176.000	109.00	3.000
23	8:45: 0	1.250	1180.000	109.00	4.000
24	8:48: 0	1.300	1183.000	109.00	3.000
25	8:51: 0	1.350	1184.000	109.00	1.000
26	8:54: 0	1.400	1185.000	109.00	1.000
27	8:57: 0	1.450	1188.000	109.00	3.000
28	9: 0: 0	1.500	1190.000	109.00	2.000
FINAL FLOW PERIOD					
29	9: 1: 0	1.517	48.000	109.00	-1142.000
30	9: 4:59	1.583	48.000	109.00	0.000
31	9:10: 0	1.667	48.000	109.00	0.000
32	9:15: 0	1.750	48.000	109.00	0.000
33	9:19:59	1.833	52.000	109.00	4.000
34	9:25: 0	1.917	54.000	109.00	2.000
35	9:30: 0	2.000	59.000	109.00	5.000
36	9:34:59	2.083	60.000	109.00	1.000
37	9:40: 0	2.167	63.000	109.00	3.000
38	9:45: 0	2.250	65.000	109.00	2.000
39	9:49:59	2.333	68.000	109.00	3.000
40	9:55: 0	2.417	69.000	109.00	1.000
41	10: 0: 0	2.500	70.000	109.00	1.000
FINAL SHUT-IN PERIOD					
42	10: 3: 0	2.550	264.000	109.00	194.000
43	10: 6: 0	2.600	767.000	109.00	503.000
44	10: 9: 0	2.650	1035.000	109.00	268.000
45	10:12: 0	2.700	1078.000	109.00	43.000
46	10:15: 0	2.750	1095.000	109.00	17.000
47	10:18: 0	2.800	1114.000	109.00	19.000
48	10:21: 0	2.850	1123.000	109.00	9.000

COMPANY : J.A. ALLISON
WELL : #1
GAUGE # : 10979
DATE : 20/ 9/90

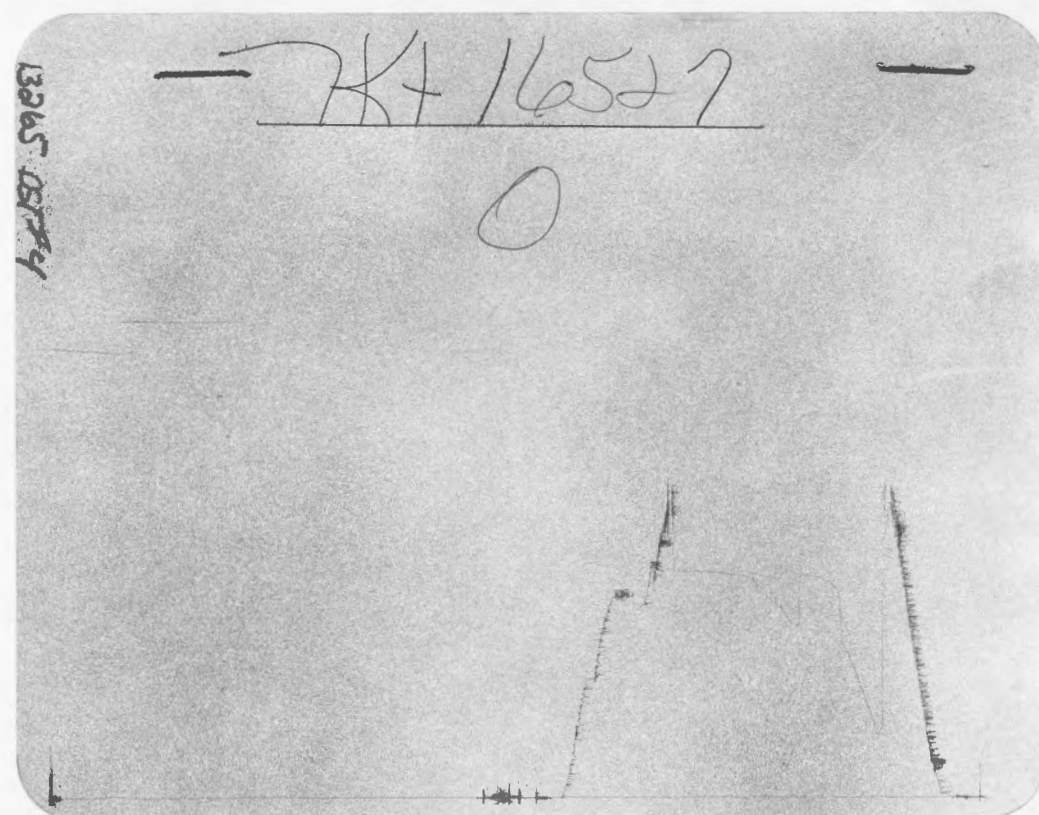
FIELD : MCLAUGHLIN
JOB # : 16526
DEPTH : 3043
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	10:24: 0	2.900	1128.000	109.00	5.000
50	10:27: 0	2.950	1138.000	109.00	10.000
51	10:30: 0	3.000	1140.000	109.00	2.000
52	10:33: 0	3.050	1147.000	109.00	7.000
53	10:36: 0	3.100	1149.000	109.00	2.000
54	10:39: 0	3.150	1151.000	109.00	2.000
55	10:42: 0	3.200	1152.000	109.00	1.000
56	10:45: 0	3.250	1153.000	109.00	1.000
57	10:48: 0	3.300	1155.000	109.00	2.000
58	10:51: 0	3.350	1157.000	109.00	2.000
59	10:54: 0	3.400	1158.000	109.00	1.000
60	10:57: 0	3.450	1160.000	109.00	2.000
61	11: 0: 0	3.500	1162.000	109.00	2.000

WESTERN TESTING CO. INC.

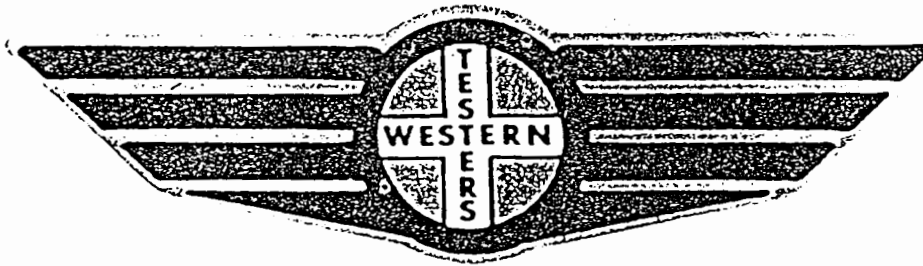


Inside Recorder



Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY J A ALLISON LEASE & WELL NO. MCLAUGHLIN #1 SEC. 2 TWP. 29S RGE. 2W TEST NO. 4 DATE 9/20/90

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	9/20/90	TICKET	:	16527
CUSTOMER	:	J A ALLISON	LEASE	:	MCLAUGHLIN
WELL	:	1	TEST:	:	4
ELEVATION	:	1357 KB	GEOLOGIST	:	HANSEN
SECTION	:	2	FORMATION	:	KANSAS CITY
RANGE	:	2W	COUNTY	:	SEDGWICK
Gauge SN#	:	10979	STATE	:	KANSAS
			RANGE	:	4100
			CLOCK	:	12

INTERVAL FROM	:	3034	TO	:	3103	TOTAL DEPTH	:	3103
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	3029	SIZE	:	6.63			
PACKER DEPTH	:	3034	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ALLEN RIG 1			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	41
WEIGHT	:	9.1	WATER LOSS (CC)	:	13.2
CHLORIDES (PPM)	:	2000			
JARS-MAKE	:		SERIAL NUMBER	:	
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	YES

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	:	30	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	69	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 : STRONG BLOW THROUGHOUT TEST.
BLOW COMMENT #2 : OFF BOTTOM OF BUCKET IN 2 MINUTES
BLOW COMMENT #3 : ON INITIAL FLOW PERIOD.
BLOW COMMENT #4 :

RECOVERED : 105 FT OF: MUD CUT SALTWATER
RECOVERED : 1815 FT OF: SALTWATER
RECOVERED : 0 FT OF: CHLORIDES 171000 PPM

Total Barrels Fluid = 26.93
Total Fluid Prod Rate = 646.33 BFPD
Indicated Wtr Rate = 628.66 BWPD

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

SET PACKER(S) :	7:30 PM	TIME STARTED OFF BOTTOM :	10:00 PM
WELL TEMPERATURE :	109		
INITIAL HYDROSTATIC PRESSURE		(A)	1490
INITIAL FLOW PERIOD MIN:	30	(B)	336 PSI TO (C) : 819
INITIAL CLOSED IN PERIOD MIN:	30	(D)	1173
FINAL FLOW PERIOD MIN:	30	(E)	898 PSI TO (F) : 1087
FINAL CLOSED IN PERIOD MIN:	60	(G)	1193
FINAL HYDROSTATIC PRESSURE		(H)	1476

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

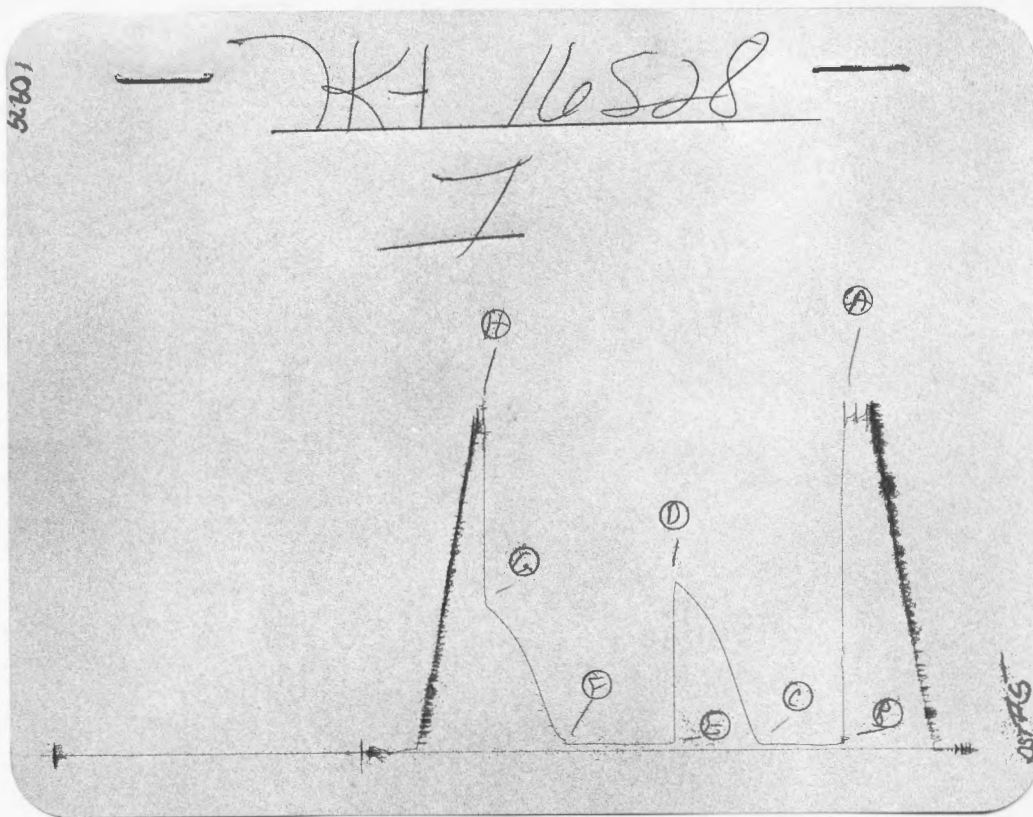
COMPANY : J A ALLISON
RIG : SEDGWICK-KANSAS
FIELD : MCLAUGHLIN
WELL : 1
DATE : 9/20/90
GAUGE NO : 10979

OPERATIONAL COMMENTS

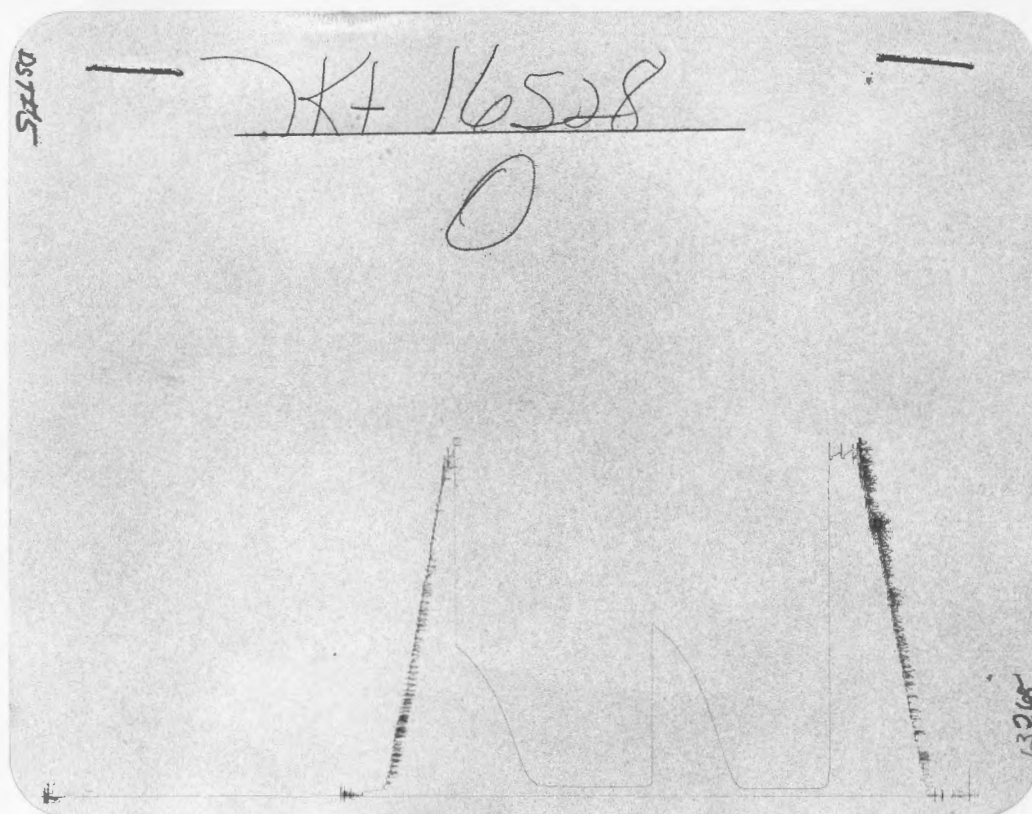
COMPANY : J A ALLISON
WELL : 1
GAUGE # : 10979
DATE : 20/ 9/90

FIELD : MCLAUGHLIN
JOB # : 16527
DEPTH : 3103
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	7:30: 0	0.000	336.000	109.00	0.000
3	7:34:59	0.083	384.000	109.00	48.000
4	7:40: 0	0.167	491.000	109.00	107.000
5	7:45: 0	0.250	592.000	109.00	101.000
6	7:49:59	0.333	681.000	109.00	89.000
7	8: 0: 0	0.500	758.000	109.00	77.000
8	8: 0: 0	0.500	819.000	109.00	61.000
INITIAL SHUT-IN PERIOD					
9	8: 3: 0	0.550	1090.000	109.00	271.000
10	8: 6: 0	0.600	1118.000	109.00	28.000
11	8: 9: 0	0.650	1130.000	109.00	12.000
12	8:12: 0	0.700	1142.000	109.00	12.000
13	8:15: 0	0.750	1152.000	109.00	10.000
14	8:18: 0	0.800	1158.000	109.00	6.000
15	8:21: 0	0.850	1163.000	109.00	5.000
16	8:24: 0	0.900	1167.000	109.00	4.000
17	8:27: 0	0.950	1171.000	109.00	4.000
18	8:30: 0	1.000	1173.000	109.00	2.000
FINAL FLOW PERIOD					
19	8:31: 0	1.017	898.000	109.00	-275.000
20	8:34:59	1.083	916.000	109.00	18.000
21	8:40: 0	1.167	964.000	109.00	48.000
22	8:45: 0	1.250	1008.000	109.00	44.000
23	8:49:59	1.333	1044.000	109.00	36.000
24	8:55: 0	1.417	1074.000	109.00	30.000
25	9: 0: 0	1.500	1087.000	109.00	13.000
FINAL SHUT-IN PERIOD					
26	9: 3: 0	1.550	1147.000	109.00	60.000
27	9: 6: 0	1.600	1156.000	109.00	9.000
28	9: 9: 0	1.650	1162.000	109.00	6.000
29	9:12: 0	1.700	1165.000	109.00	3.000
30	9:15: 0	1.750	1169.000	109.00	4.000
31	9:18: 0	1.800	1172.000	109.00	3.000
32	9:21: 0	1.850	1174.000	109.00	2.000
33	9:24: 0	1.900	1176.000	109.00	2.000
34	9:27: 0	1.950	1177.000	109.00	1.000
35	9:30: 0	2.000	1178.000	109.00	1.000
36	9:33: 0	2.050	1181.000	109.00	3.000
37	9:36: 0	2.100	1183.000	109.00	2.000
38	9:39: 0	2.150	1185.000	109.00	2.000
39	9:42: 0	2.200	1187.000	109.00	2.000
40	9:45: 0	2.250	1189.000	109.00	2.000
41	9:48: 0	2.300	1191.000	109.00	2.000
42	9:51: 0	2.350	1192.000	109.00	1.000
43	9:54: 0	2.400	1193.000	109.00	1.000
44	9:57: 0	2.450	1193.000	109.00	0.000
45	10: 0: 0	2.500	1193.000	109.00	0.000

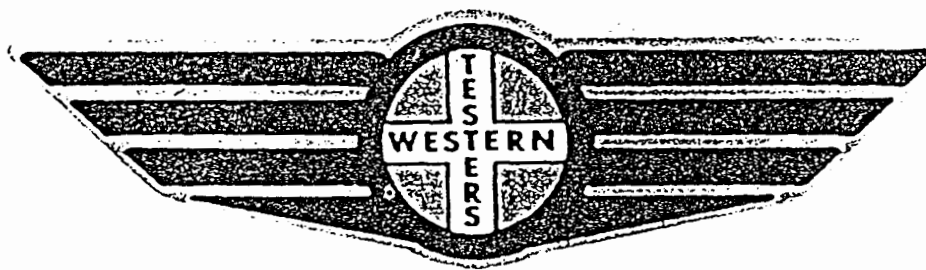


Inside Recorder



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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY J A ALLISON

LEASE & WELL NO. MC LAUGHLIN #1

SEC. 2 TWP. 29S RGE. 2W TEST NO. 5 DATE 9/22/90

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	9/22/90	TICKET	:	16528
CUSTOMER	:	J A ALLISON	LEASE	:	MCLAUGHLIN
WELL	:	1	TEST:	:	5
ELEVATION	:	1357 KB	GEOLOGIST	:	HANSEN
SECTION	:	2	FORMATION	:	MISSISSIPPI
RANGE	:	2W	COUNTY	:	SEDGWICK
GAUGE SN#	:	10979	STATE	:	KANSAS
			RANGE	:	4100
			CLOCK	:	12

INTERVAL FROM	:	3539	TO	:	3558	TOTAL DEPTH	:	3558
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	3534	SIZE	:	6.63			
PACKER DEPTH	:	3539	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ALLEN RIG 1			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	46
WEIGHT	:	9.3	WATER LOSS (CC)	:	14.6
CHLORIDES (PPM)	:	18000			
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	:	3509	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	30	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	19	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 : STRONG BLOW THROUGHOUT TEST.
BLOW COMMENT #2 :
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 55 FT OF: DRILLING MUD

Total Barrels Fluid = 0.77
Total Fluid Prod Rate = 7.93 BFPD
Indicated Wtr Rate = 0.79 BWPD

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

SET PACKER(S) :	4:00 AM	TIME STARTED OFF BOTTOM :	8:30 AM
WELL TEMPERATURE :	110		
INITIAL HYDROSTATIC PRESSURE		(A)	1785
INITIAL FLOW PERIOD MIN:	60	(B)	29 PSI TO (C) : 35
INITIAL CLOSED IN PERIOD MIN:	66	(D)	917
FINAL FLOW PERIOD MIN:	80	(E)	40 PSI TO (F) : 43
FINAL CLOSED IN PERIOD MIN:	60	(G)	789
FINAL HYDROSTATIC PRESSURE		(H)	1778

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : J A ALLISON
RIG : SEDGWICK-KANSAS
FIELD : MCLAUGHLIN
WELL : 1
DATE : 9/22/90
GAUGE NO : 10979

OPERATIONAL COMMENTS

COMPANY : J A ALLISON
WELL : 1
GAUGE # : 10979
DATE : 22/ 9/90

FIELD : MCLAUGHLIN
JOB # : 16528
DEPTH : 3558
TEST :

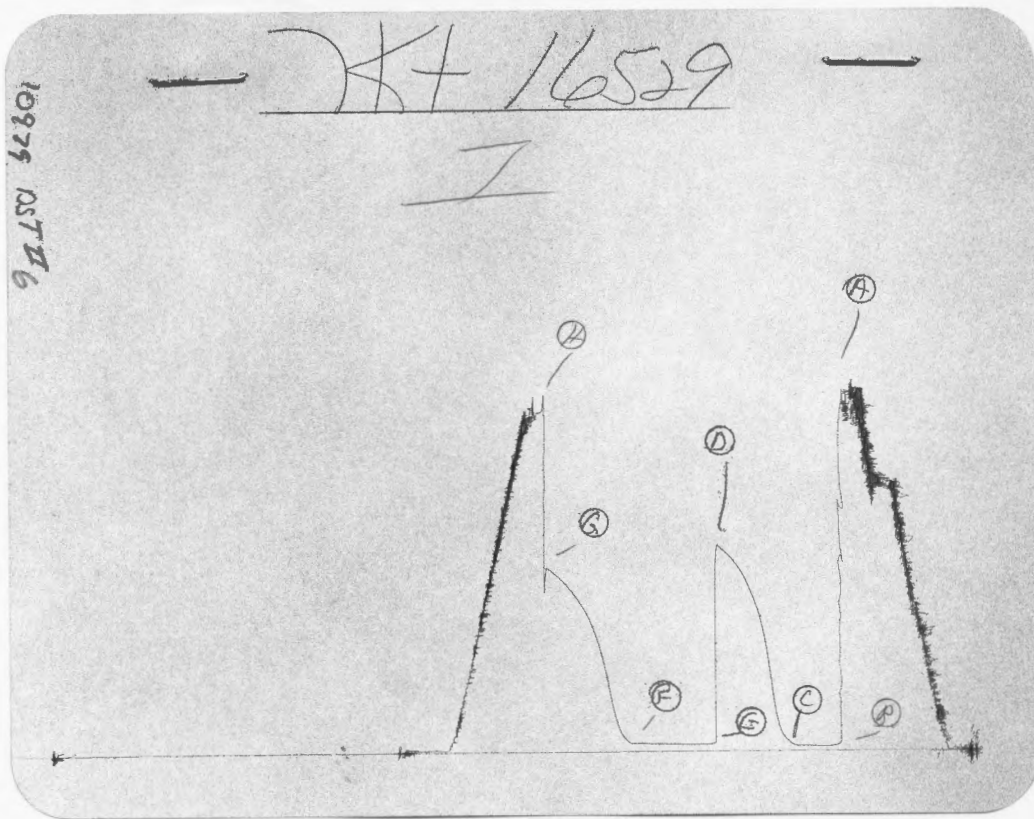
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	4: 0: 0	0.000	29.000	110.00	0.000
3	4: 4:59	0.083	29.000	110.00	0.000
4	4:10: 0	0.167	29.000	110.00	0.000
5	4:15: 0	0.250	29.000	110.00	0.000
6	4:19:59	0.333	29.000	110.00	0.000
7	4:25: 0	0.417	31.000	110.00	2.000
8	4:30: 0	0.500	33.000	110.00	2.000
9	4:34:59	0.583	34.000	110.00	1.000
10	4:40: 0	0.667	34.000	110.00	0.000
11	4:45: 0	0.750	35.000	110.00	1.000
12	4:49:59	0.833	35.000	110.00	0.000
13	4:55: 0	0.917	35.000	110.00	0.000
14	5: 0: 0	1.000	35.000	110.00	0.000
INITIAL SHUT-IN PERIOD					
15	5: 2:59	1.050	45.000	110.00	10.000
16	5: 6: 0	1.100	84.000	110.00	39.000
17	5: 9: 0	1.150	140.000	110.00	56.000
18	5:12: 0	1.200	197.000	110.00	57.000
19	5:15: 0	1.250	263.000	110.00	66.000
20	5:18: 0	1.300	324.000	110.00	61.000
21	5:21: 0	1.350	387.000	110.00	63.000
22	5:24: 0	1.400	448.000	110.00	61.000
23	5:27: 0	1.450	505.000	110.00	57.000
24	5:30: 0	1.500	563.000	110.00	58.000
25	5:33: 0	1.550	616.000	110.00	53.000
26	5:36: 0	1.600	658.000	110.00	42.000
27	5:39: 0	1.650	695.000	110.00	37.000
28	5:42: 0	1.700	729.000	110.00	34.000
29	5:45: 0	1.750	765.000	110.00	36.000
30	5:48: 0	1.800	793.000	110.00	28.000
31	5:51: 0	1.850	819.000	110.00	26.000
32	5:54: 0	1.900	846.000	110.00	27.000
33	5:57: 0	1.950	866.000	110.00	20.000
34	6: 0: 0	2.000	889.000	110.00	23.000
35	6: 3: 0	2.050	908.000	110.00	19.000
36	6: 5:59	2.100	917.000	110.00	9.000
FINAL FLOW PERIOD					
37	6: 7: 0	2.117	40.000	110.00	-877.000
38	6:10:59	2.183	40.000	110.00	0.000
39	6:16: 0	2.267	40.000	110.00	0.000
40	6:21: 0	2.350	40.000	110.00	0.000
41	6:25:59	2.433	40.000	110.00	0.000
42	6:31: 0	2.517	40.000	110.00	0.000
43	6:36: 0	2.600	40.000	110.00	0.000
44	6:40:59	2.683	40.000	110.00	0.000
45	6:46: 0	2.767	41.000	110.00	1.000
46	6:51: 0	2.850	41.000	110.00	0.000
47	6:55:59	2.933	42.000	110.00	1.000
48	7: 1: 0	3.017	42.000	110.00	0.000
49	7: 6: 0	3.100	43.000	110.00	1.000

COMPANY : J A ALLISON
WELL : 1
GAUGE # : 10979
DATE : 22/ 9/90

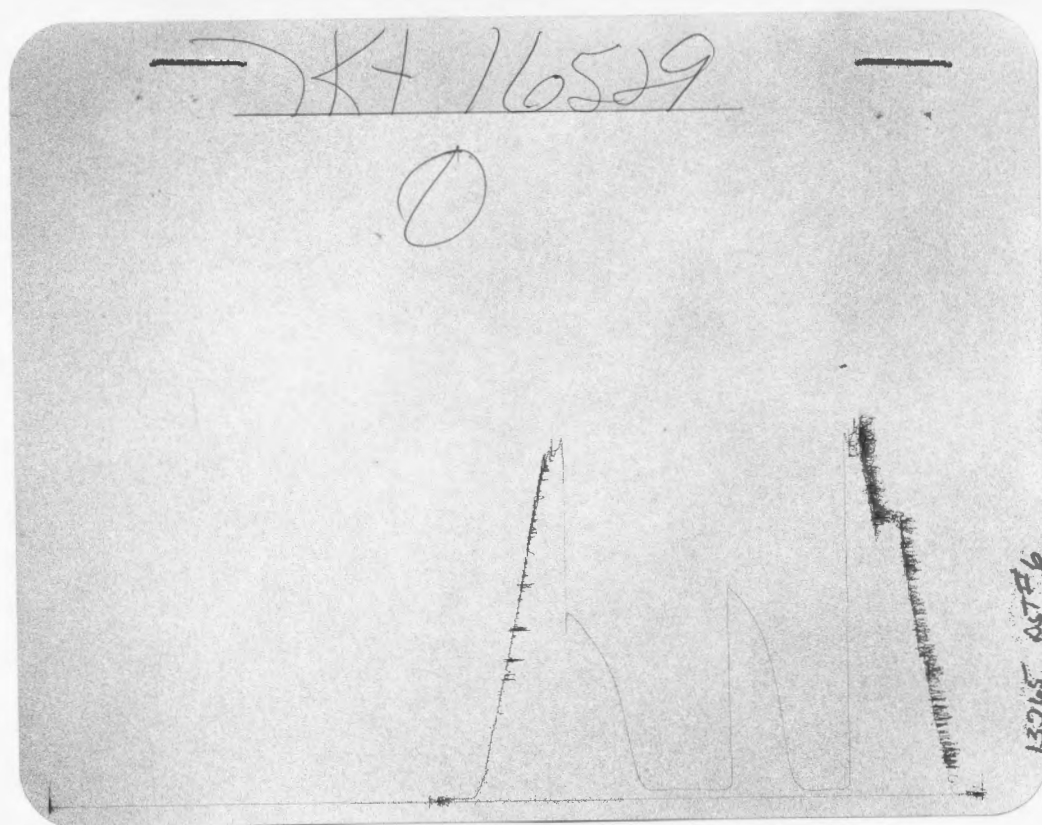
FIELD : MCLAUGHLIN
JOB # : 16528
DEPTH : 3558
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
50	7:10:59	3.183	43.000	110.00	0.000
51	7:16: 0	3.267	43.000	110.00	0.000
52	7:21: 0	3.350	43.000	110.00	0.000
53	7:25:59	3.433	43.000	110.00	0.000
FINAL SHUT-IN PERIOD					
54	7:28:59	3.483	67.000	110.00	24.000
55	7:31:59	3.533	83.000	110.00	16.000
56	7:34:59	3.583	114.000	110.00	31.000
57	7:37:59	3.633	163.000	110.00	49.000
58	7:40:59	3.683	221.000	110.00	58.000
59	7:43:59	3.733	277.000	110.00	56.000
60	7:46:59	3.783	344.000	110.00	67.000
61	7:49:59	3.833	402.000	110.00	58.000
62	7:52:59	3.883	455.000	110.00	53.000
63	7:55:59	3.933	505.000	110.00	50.000
64	7:58:59	3.983	550.000	110.00	45.000
65	8: 1:59	4.033	587.000	110.00	37.000
66	8: 4:59	4.083	622.000	110.00	35.000
67	8: 7:59	4.133	656.000	110.00	34.000
68	8:10:59	4.183	682.000	110.00	26.000
69	8:13:59	4.233	707.000	110.00	25.000
70	8:16:59	4.283	734.000	110.00	27.000
71	8:19:59	4.333	756.000	110.00	22.000
72	8:22:59	4.383	774.000	110.00	18.000
73	8:25:59	4.433	789.000	110.00	15.000

WESTERN TESTING CO. INC.

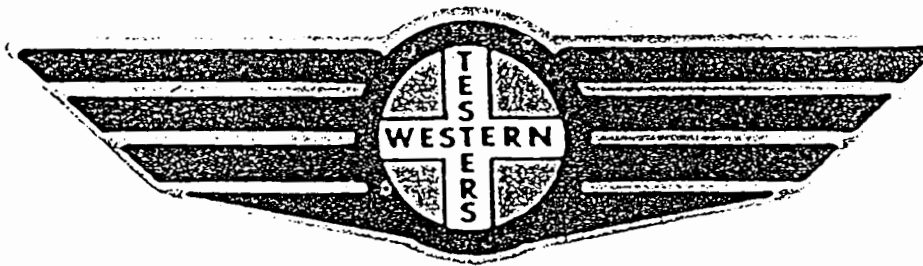


Inside Recorder



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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY J A ALLISON

LEASE & WELL NO. MCLAUGHLIN #1

SEC. 2 TWP. 29 SRGE. 2W TEST NO. 6 DATE 9/22/90

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	9-22-90	TICKET	:	16529
CUSTOMER	:	J.A. ALLISON	LEASE	:	MCLAUGHLIN
WELL	:	#1	TEST:	:	6
ELEVATION	:	1357 K.B.	GEOLOGIST	:	HANSEN
SECTION	:	2	FORMATION	:	MISSISSIPPI
RANGE	:	2W	COUNTY	:	SEDGWICK
Gauge SN#	:	10979	RANGE	:	4100
			STATE	:	KANSAS
			CLOCK	:	12

INTERVAL FROM	:	3633	TO	:	3645	TOTAL DEPTH	:	3645
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	3628	SIZE	:	6.63			
PACKER DEPTH	:	3633	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ALLEN RIG #1			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	44
WEIGHT	:	9.2	WATER LOSS (CC)	:	14.2
CHLORIDES (PPM)	:	13500			
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	:	3603	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	30	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	12	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	:	WEAK BLOW DIMINISHING TO A VERY WEAK BLOW
BLOW COMMENT #2	:	THROUGHOUT TEST.
BLOW COMMENT #3	:	
BLOW COMMENT #4	:	

RECOVERED : 55 FT OF: GASSY MUD-CUT OIL
RECOVERED : 0 FT OF: 1%OIL

Total Barrels Fluid = 0.77
Total Fluid Prod Rate = 12.34 BFPD
Indicated Oil Rate = 0.13 BOPD
Indicated Wtr Rate = 1.23 BWPD
Corrected Oil Rate = 10.78 BOPD
Corrected Wtr Rate = 98.81 BWPD

REMARK 1 :
REMARK 2 : 65 FT. GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) :	8:30 P.M.	TIME STARTED OFF BOTTOM :	12:00 A.M.
WELL TEMPERATURE :	118		
INITIAL HYDROSTATIC PRESSURE		(A)	1894
INITIAL FLOW PERIOD MIN:	30	(B)	29 PSI TO (C) : 31
INITIAL CLOSED IN PERIOD MIN:	60	(D)	1117
FINAL FLOW PERIOD MIN:	60	(E)	41 PSI TO (F) : 47
FINAL CLOSED IN PERIOD MIN:	63	(G)	998
FINAL HYDROSTATIC PRESSURE		(H)	1849

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : J.A. ALLISON
RIG : SEDGWICK-KANSAS
FIELD : MCLAUGHLIN
WELL : #1
DATE : 9-22-90
GAUGE NO : 10979

OPERATIONAL COMMENTS

65 FT. GAS ABOVE FLUID.

COMPANY : J.A. ALLISON
WELL : #1
GAUGE # : 10979
DATE : 22/ 9/90

FIELD : MCLAUGHLIN
JOB # : 16529
DEPTH : 3645
TEST :

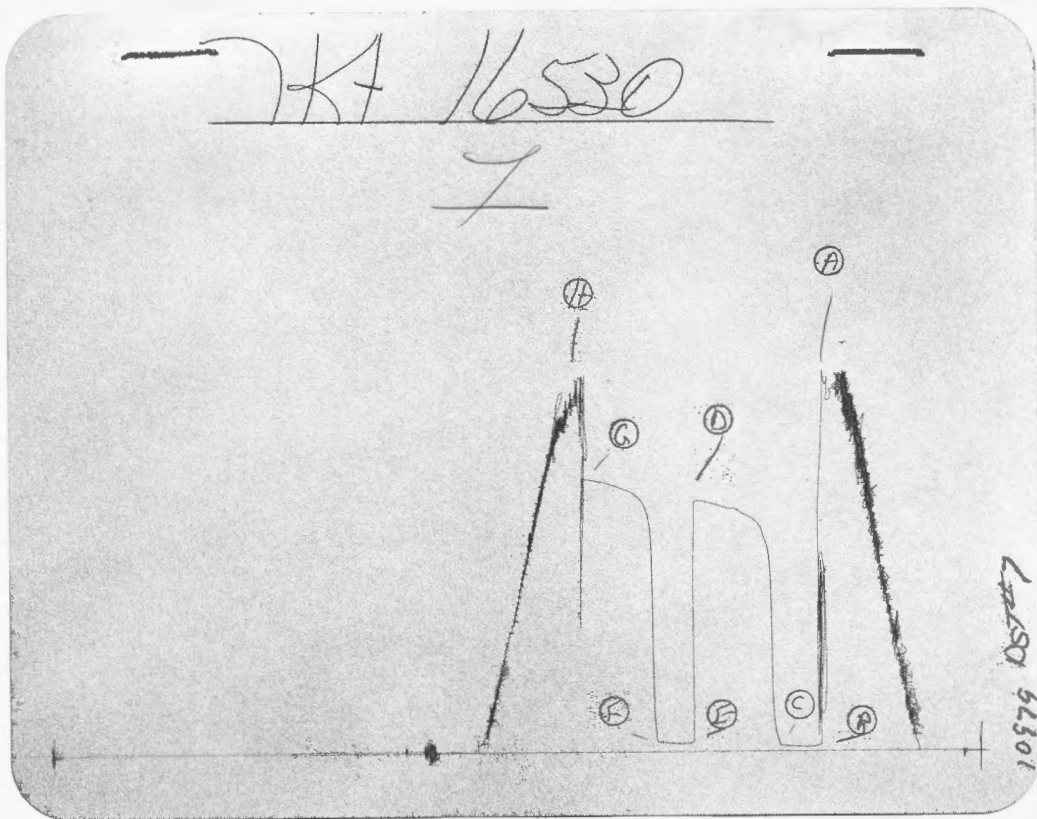
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	8:30: 0	0.000	29.000	118.00	0.000
3	8:34:59	0.083	29.000	118.00	0.000
4	8:40: 0	0.167	29.000	118.00	0.000
5	8:45: 0	0.250	29.000	118.00	0.000
6	8:49:59	0.333	29.000	118.00	0.000
7	8:55: 0	0.417	30.000	118.00	1.000
8	9: 0: 0	0.500	31.000	118.00	1.000
INITIAL SHUT-IN PERIOD					
9	9: 3: 0	0.550	35.000	118.00	4.000
10	9: 6: 0	0.600	43.000	118.00	8.000
11	9: 9: 0	0.650	63.000	118.00	20.000
12	9:12: 0	0.700	85.000	118.00	22.000
13	9:15: 0	0.750	136.000	118.00	51.000
14	9:18: 0	0.800	245.000	118.00	109.000
15	9:21: 0	0.850	381.000	118.00	136.000
16	9:24: 0	0.900	519.000	118.00	138.000
17	9:27: 0	0.950	639.000	118.00	120.000
18	9:30: 0	1.000	730.000	118.00	91.000
19	9:33: 0	1.050	802.000	118.00	72.000
20	9:36: 0	1.100	862.000	118.00	60.000
21	9:39: 0	1.150	908.000	118.00	46.000
22	9:42: 0	1.200	952.000	118.00	44.000
23	9:45: 0	1.250	994.000	118.00	42.000
24	9:48: 0	1.300	1022.000	118.00	28.000
25	9:51: 0	1.350	1048.000	118.00	26.000
26	9:54: 0	1.400	1072.000	118.00	24.000
27	9:57: 0	1.450	1091.000	118.00	19.000
28	10: 0: 0	1.500	1117.000	118.00	26.000
FINAL FLOW PERIOD					
29	10: 1: 0	1.517	41.000	118.00	-1076.000
30	10: 4:59	1.583	41.000	118.00	0.000
31	10:10: 0	1.667	41.000	118.00	0.000
32	10:15: 0	1.750	41.000	118.00	0.000
33	10:19:59	1.833	41.000	118.00	0.000
34	10:25: 0	1.917	41.000	118.00	0.000
35	10:30: 0	2.000	41.000	118.00	0.000
36	10:34:59	2.083	42.000	118.00	1.000
37	10:40: 0	2.167	43.000	118.00	1.000
38	10:45: 0	2.250	44.000	118.00	1.000
39	10:49:59	2.333	45.000	118.00	1.000
40	10:55: 0	2.417	46.000	118.00	1.000
41	11: 0: 0	2.500	47.000	118.00	1.000
FINAL SHUT-IN PERIOD					
42	11: 3: 0	2.550	51.000	118.00	4.000
43	11: 6: 0	2.600	70.000	118.00	19.000
44	11: 9: 0	2.650	105.000	118.00	35.000
45	11:12: 0	2.700	157.000	118.00	52.000
46	11:15: 0	2.750	248.000	118.00	91.000
47	11:18: 0	2.800	361.000	118.00	113.000
48	11:21: 0	2.850	460.000	118.00	99.000

COMPANY : J.A. ALLISON
WELL : #1
GAUGE # : 10979
DATE : 22/ 9/90

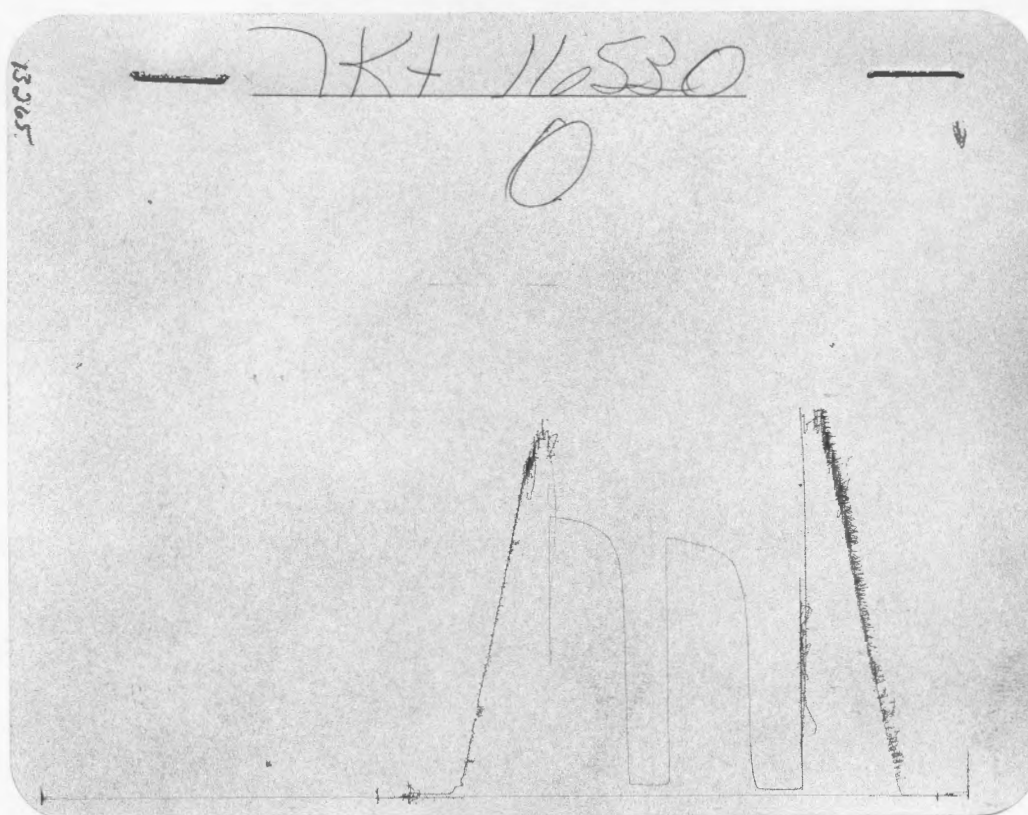
FIELD : MCLAUGHLIN
JOB # : 16529
DEPTH : 3645
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	11:24: 0	2.900	545.000	118.00	85.000
50	11:27: 0	2.950	617.000	118.00	72.000
51	11:30: 0	3.000	678.000	118.00	61.000
52	11:33: 0	3.050	731.000	118.00	53.000
53	11:36: 0	3.100	769.000	118.00	38.000
54	11:39: 0	3.150	807.000	118.00	38.000
55	11:42: 0	3.200	835.000	118.00	28.000
56	11:45: 0	3.250	865.000	118.00	30.000
57	11:48: 0	3.300	893.000	118.00	28.000
58	11:51: 0	3.350	918.000	118.00	25.000
59	11:54: 0	3.400	939.000	118.00	21.000
60	11:57: 0	3.450	960.000	118.00	21.000
61	12: 0: 0	3.500	980.000	118.00	20.000
62	12: 3: 0	3.550	998.000	118.00	18.000

WESTERN TESTING CO. INC.

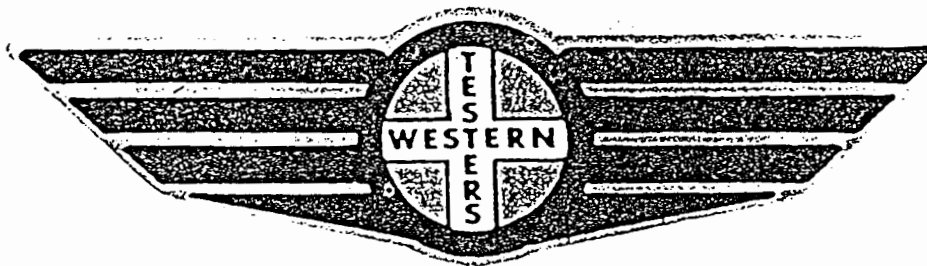


Inside Recorder



Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY J A ALLISON

LEASE & WELL NO.

MCLAUGHLIN #1

SEC. 2

TWP. 29S

RGE. 2W

TEST NO. 7

DATE

9/24/90

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	9-24-90	TICKET	:	16530
CUSTOMER	:	J.A. ALLISON	LEASE	:	MCLAUGHLIN
WELL	:	#1	TEST:	:	7
ELEVATION	:	1357 K.B.	GEOLOGIST	:	HANSEN
SECTION	:	2	FORMATION	:	SIMPSON
RANGE	:	2W	TOWNSHIP	:	29S
	:	COUNTY :	STATE	:	KANSAS
GAUGE SN#	:	10979	RANGE :	:	4100
	:		CLOCK	:	12

INTERVAL FROM	:	3875	TO	:	3880	TOTAL DEPTH	:	3880
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	3870	SIZE	:	6.63			
PACKER DEPTH	:	3875	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ALLEN RIG #1			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	42
WEIGHT	:	9.4	WATER LOSS (CC)	:	12.8
CHLORIDES (PPM)	:	1000			
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	:	3835	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	40	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	5	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	:	WEAK BLOW BUILDING TO A FAIR BLOW
BLOW COMMENT #2	:	THROUGHOUT TEST.
BLOW COMMENT #3	:	
BLOW COMMENT #4	:	

RECOVERED : 85 FT OF: MUDDY OIL-CUT SALT WATER
RECOVERED : 0 FT OF: 1%OIL
RECOVERED : 0 FT OF: CHLORIDES 42000 P.P.M.

Total Barrels Fluid = 1.19
Total Fluid Prod Rate = 31.21 BFPD
Indicated Oil Rate = 0.33 BOPD
Indicated Wtr Rate = 6.24 BWPD
Corrected Oil Rate = 28.42 BOPD
Corrected Wtr Rate = 536.81 BWPD

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

SET PACKER(S) : 12:30 A.M.

TIME STARTED OFF BOTTOM : 3:30 A.M.

WELL TEMPERATURE : 123

INITIAL HYDROSTATIC PRESSURE

(A) 1946

INITIAL FLOW PERIOD MIN: 30

(B) 25 PSI TO (C) : 35

INITIAL CLOSED IN PERIOD MIN: 63

(D) 1356

FINAL FLOW PERIOD MIN: 25

(E) 46 PSI TO (F) : 54

FINAL CLOSED IN PERIOD MIN: 57

(G) 1474

FINAL HYDROSTATIC PRESSURE

(H) 1923

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : J.A. ALLISON
RIG : SEDGWICK-KANSAS
FIELD : MCLAUGHLIN
WELL : #1
DATE : 9-24-90
GAUGE NO : 10979

OPERATIONAL COMMENTS

COMPANY : J.A. ALLISON
WELL : #1
GAUGE # : 10979
DATE : 24/ 9/90

FIELD : MCLAUGHLIN
JOB # : 16530
DEPTH : 3880
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	25.000	123.00	0.000
3	12:34:59	0.083	25.000	123.00	0.000
4	12:40: 0	0.167	25.000	123.00	0.000
5	12:45: 0	0.250	27.000	123.00	2.000
6	12:49:59	0.333	30.000	123.00	3.000
7	12:55: 0	0.417	32.000	123.00	2.000
8	13: 0: 0	0.500	35.000	123.00	3.000
INITIAL SHUT-IN PERIOD					
9	13: 3: 0	0.550	97.000	123.00	62.000
10	13: 6: 0	0.600	312.000	123.00	215.000
11	13: 9: 0	0.650	956.000	123.00	644.000
12	13:12: 0	0.700	1124.000	123.00	168.000
13	13:15: 0	0.750	1175.000	123.00	51.000
14	13:18: 0	0.800	1226.000	123.00	51.000
15	13:21: 0	0.850	1247.000	123.00	21.000
16	13:24: 0	0.900	1266.000	123.00	19.000
17	13:27: 0	0.950	1277.000	123.00	11.000
18	13:30: 0	1.000	1287.000	123.00	10.000
19	13:33: 0	1.050	1305.000	123.00	18.000
20	13:36: 0	1.100	1313.000	123.00	8.000
21	13:39: 0	1.150	1315.000	123.00	2.000
22	13:42: 0	1.200	1317.000	123.00	2.000
23	13:45: 0	1.250	1325.000	123.00	8.000
24	13:48: 0	1.300	1333.000	123.00	8.000
25	13:51: 0	1.350	1339.000	123.00	6.000
26	13:54: 0	1.400	1345.000	123.00	6.000
27	13:57: 0	1.450	1351.000	123.00	6.000
28	14: 0: 0	1.500	1354.000	123.00	3.000
29	14: 3: 0	1.550	1356.000	123.00	2.000
FINAL FLOW PERIOD					
30	14: 4: 0	1.567	46.000	123.00	-1310.000
31	14: 7:59	1.633	46.000	123.00	0.000
32	14:13: 0	1.717	46.000	123.00	0.000
33	14:18: 0	1.800	50.000	123.00	4.000
34	14:22:59	1.883	53.000	123.00	3.000
35	14:28: 0	1.967	54.000	123.00	1.000
FINAL SHUT-IN PERIOD					
36	14:31: 0	2.017	332.000	123.00	278.000
37	14:34: 0	2.067	1147.000	123.00	815.000
38	14:37: 0	2.117	1291.000	123.00	144.000
39	14:40: 0	2.167	1341.000	123.00	50.000
40	14:43: 0	2.217	1369.000	123.00	28.000
41	14:46: 0	2.267	1387.000	123.00	18.000
42	14:49: 0	2.317	1401.000	123.00	14.000
43	14:52: 0	2.367	1411.000	123.00	10.000
44	14:55: 0	2.417	1421.000	123.00	10.000
45	14:58: 0	2.467	1429.000	123.00	8.000
46	15: 1: 0	2.517	1440.000	123.00	11.000
47	15: 4: 0	2.567	1445.000	123.00	5.000
48	15: 7: 0	2.617	1452.000	123.00	7.000

COMPANY : J.A. ALLISON
WELL : #1
GAUGE # : 10979
DATE : 24/ 9/90

FIELD : MCLAUGHLIN
JOB # : 16530
DEPTH : 3880
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	15:10: 0	2.667	1456.000	123.00	4.000
50	15:13: 0	2.717	1461.000	123.00	5.000
51	15:16: 0	2.767	1467.000	123.00	6.000
52	15:19: 0	2.817	1470.000	123.00	3.000
53	15:22: 0	2.867	1473.000	123.00	3.000
54	15:25: 0	2.917	1474.000	123.00	1.000

WESTERN TESTING CO. INC.