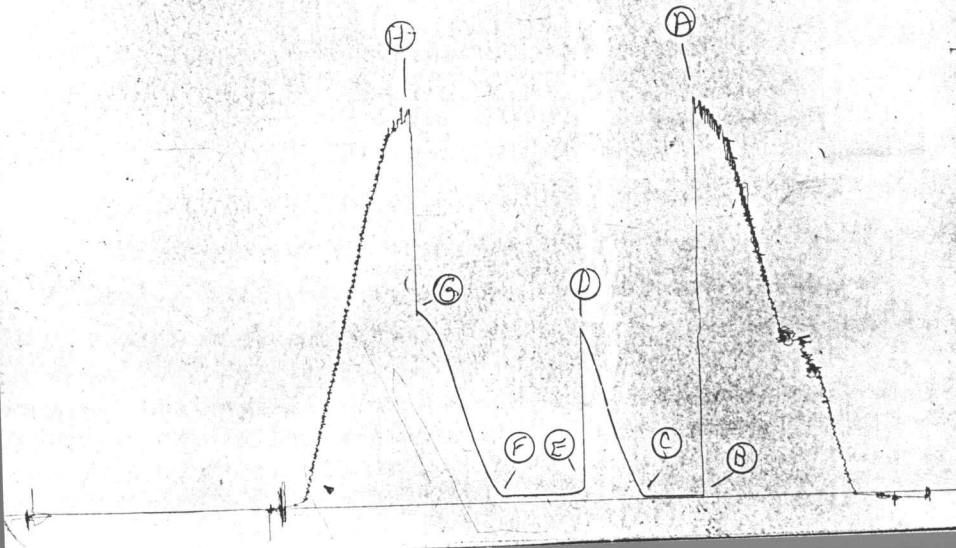


2600 Dst #1

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TKT 12222

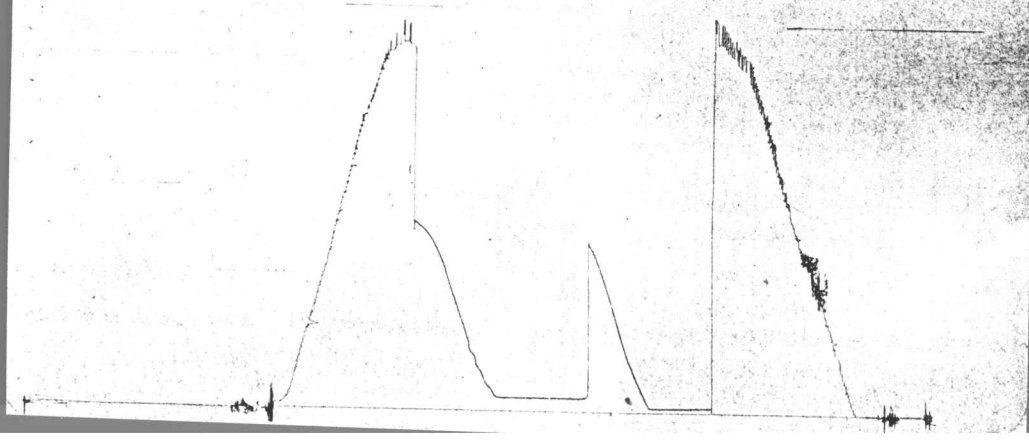
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1051 DST #1

TK4 12222

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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY KIANDA RESOURCES, INC. LEASE & WELL NO. #1 HARRISON "B" SEC. 35 TWP. 25S RGE. 13W TEST NO. 1 DATE 1/4/87

WESTERN TESTERS INC
SUBSURFACE PRESSURE SURVEY

DATE	:	1-4-87	TICKET	:	12222
CUSTOMER	:	KIWANDA RESOURCES INC.	LEASE	:	HARRISON 'B'
WELL	:	#1	TEST:	:	1
ELEVATION	:	1918 KB	GEOLOGIST	:	K. FRASER
SECTION	:	35	FORMATION	:	VIOLA
RANGE	:	13W	TOWNSHIP	:	25S
Gauge SN#	:	2606	COUNTY	:	STAFFORD
	:		RANGE	:	4150
	:		STATE	:	KANSAS
	:		CLOCK	:	12

INTERVAL FROM	:	4134	TO	:	4145	TOTAL DEPTH	:	4145
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4129	SIZE	:	6.63			
PACKER DEPTH	:	4134	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	H-30 DRILLING	RIG #5		
MUD TYPE	:	DAPAC (CHEM)	VISCOSITY	:	42
WEIGHT	:	9.5	WATER LOSS (CC)	:	10.0
CHLORIDES (PPM)	:	8000			
JARS-MAKE	:	WTC	SERIAL NUMBER	:	405
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	4106	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	28	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	11	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 FH

BLOW COMMENT #1 : WEAK TO STRONG BLOW IN 20 MINUTES ON THE INITIAL FLOW.
BLOW COMMENT #2 : STRONG BLOW ON THE FINAL FLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 58 FT OF: HEAVY OIL & GAS CUT MUD
RECOVERED : 0 FT OF: (40% OIL-60% MUD)
RECOVERED : 5 FT OF: FREE OIL

Total Barrels Fluid = 0.88
Total Fluid Prod Rate = 12.12 BFPD
Indicated Oil Rate = 5.42 BOPD
Indicated Wtr Rate = 6.02 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 2400 FEET OF GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 9:40 PM
WELL TEMPERATURE : 118
INITIAL HYDROSTATIC PRESSURE (A) 2154
INITIAL FLOW PERIOD MIN: 45 (B) 16 PSI TO (C) : 16
INITIAL CLOSED IN PERIOD MIN: 45 (D) 937
FINAL FLOW PERIOD MIN: 60 (E) 40 PSI TO (F) : 40
FINAL CLOSED IN PERIOD MIN: 60 (G) 1055
FINAL HYDROSTATIC PRESSURE (H) 2148

TIME STARTED OFF BOTTOM : 1:10 AM

WESTERN TESTERS INC
WITICHA - KANSAS

Pressure Transient Report

COMPANY : KIWANDA RESOURCES INC.
RIG : STAFFORD-KANSAS
FIELD : HARRISON 'B'
WELL : #1
DATE : 1-4-87
GAUGE NO : 2606

OPERATIONAL COMMENTS

RECOVERED 2400 FEET OF GAS ABOVE FLUID.

COMPANY* : KIWANDA RESOURCES INC.
WELL : #1
GAUGE # : 2606
DATE : 4/ 1/87

FIELD : HARRISON 'B'
JOB # : 12222
DEPTH : 4145
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	9:40: 0	0.000	16.000	118.00	0.000
2	9:44:59	0.083	16.000	118.00	0.000
3	9:50: 0	0.167	16.000	118.00	0.000
4	9:55: 0	0.250	16.000	118.00	0.000
5	9:59:59	0.333	16.000	118.00	0.000
6	10: 5: 0	0.417	16.000	118.00	0.000
7	10:10: 0	0.500	16.000	118.00	0.000
8	10:14:59	0.583	16.000	118.00	0.000
9	10:20: 0	0.667	16.000	118.00	0.000
10	10:25: 0	0.750	16.000	118.00	0.000
11	10:28: 0	0.800	49.000	118.00	33.000
12	10:31: 0	0.850	95.000	118.00	46.000
13	10:34: 0	0.900	151.000	118.00	56.000
14	10:37: 0	0.950	203.000	118.00	52.000
15	10:40: 0	1.000	260.000	118.00	57.000
16	10:43: 0	1.050	312.000	118.00	52.000
17	10:46: 0	1.100	383.000	118.00	71.000
18	10:49: 0	1.150	450.000	118.00	67.000
19	10:52: 0	1.200	536.000	118.00	86.000
20	10:55: 0	1.250	620.000	118.00	84.000
21	10:58: 0	1.300	704.000	118.00	84.000
22	11: 1: 0	1.350	775.000	118.00	71.000
23	11: 4: 0	1.400	842.000	118.00	67.000
24	11: 7: 0	1.450	894.000	118.00	52.000
25	11:10: 0	1.500	937.000	118.00	43.000
26	11:11: 0	1.517	40.000	118.00	-897.000
27	11:14:59	1.583	40.000	118.00	0.000
28	11:20: 0	1.667	40.000	118.00	0.000
29	11:25: 0	1.750	40.000	118.00	0.000
30	11:29:59	1.833	40.000	118.00	0.000
31	11:35: 0	1.917	40.000	118.00	0.000
32	11:40: 0	2.000	40.000	118.00	0.000
33	11:44:59	2.083	40.000	118.00	0.000
34	11:50: 0	2.167	40.000	118.00	0.000
35	11:55: 0	2.250	40.000	118.00	0.000
36	11:59:59	2.333	40.000	118.00	0.000
37	12: 5: 0	2.417	40.000	118.00	0.000
38	12:10: 0	2.500	40.000	118.00	0.000
39	12:13: 0	2.550	64.000	118.00	24.000
40	12:16: 0	2.600	96.000	118.00	32.000
41	12:19: 0	2.650	143.000	118.00	47.000
42	12:22: 0	2.700	192.000	118.00	49.000
43	12:25: 0	2.750	250.000	118.00	58.000
44	12:28: 0	2.800	302.000	118.00	52.000
45	12:31: 0	2.850	367.000	118.00	65.000
46	12:34: 0	2.900	437.000	118.00	70.000
47	12:37: 0	2.950	505.000	118.00	68.000
48	12:40: 0	3.000	572.000	118.00	67.000
49	12:43: 0	3.050	642.000	118.00	70.000
50	12:46: 0	3.100	712.000	118.00	70.000
51	12:49: 0	3.150	787.000	118.00	75.000
52	12:52: 0	3.200	849.000	118.00	62.000

COMPANY : KIWANDA RESOURCES INC.
WELL : #1
GAUGE # : 2606
DATE : 4/ 1/87

FIELD : HARRISON 'B'
JOB # : 12222
DEPTH : 4145
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	12:55: 0	3.250	908.000	118.00	59.000
54	12:58: 0	3.300	952.000	118.00	44.000
55	13: 1: 0	3.350	981.000	118.00	29.000
56	13: 4: 0	3.400	1009.000	118.00	28.000
57	13: 7: 0	3.450	1034.000	118.00	25.000
58	13:10: 0	3.500	1055.000	118.00	21.000

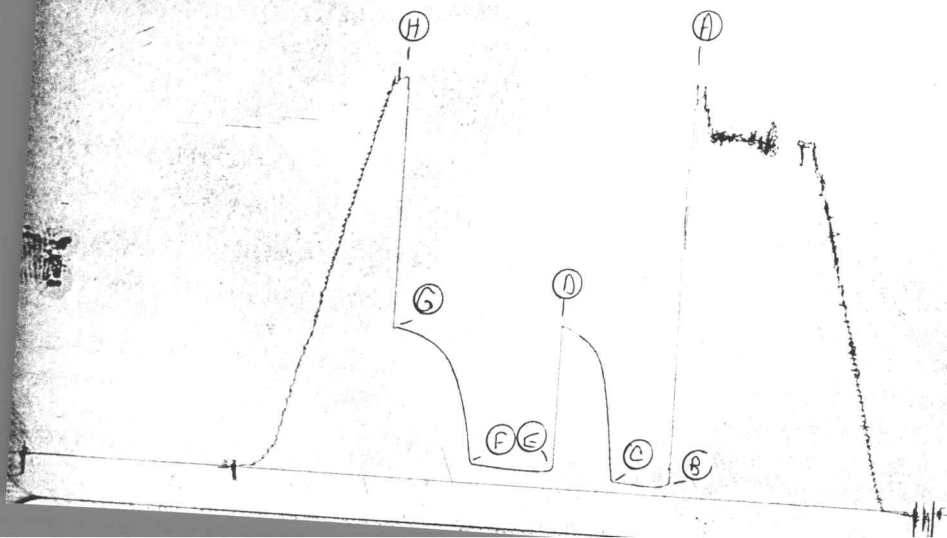
WESTERN TESTERS INC

2606 SST #2

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TKT 12223

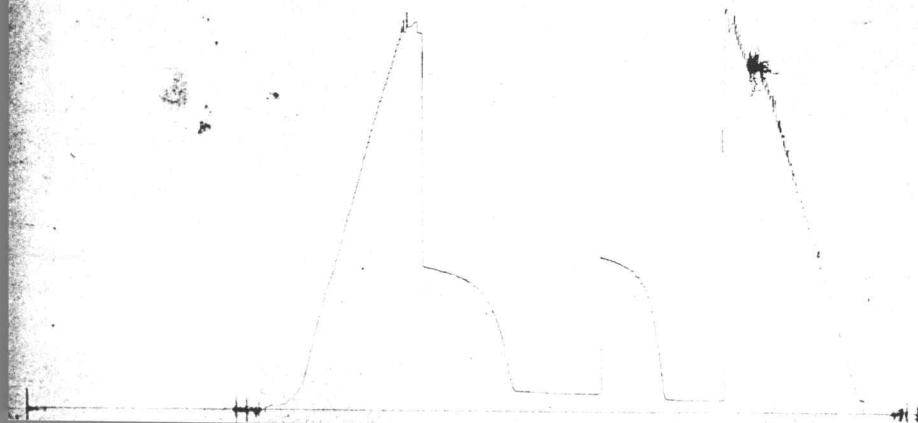
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1057 DST#2

KT 12223

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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY KIWANDA RESOURCES, INC. LEASE & WELL NO. #1 HARRISON "B" SEC. 35 TWP. 25S RGE. 13W TEST NO. 2 DATE 1/5/87

WESTERN TESTERS INC
SUBSURFACE PRESSURE SURVEY

DATE : 1-5-87 TICKET : 12223
CUSTOMER : KIWANDA RESOURCES INC. LEASE : HARRISON 'B'
WELL : #1 TEST: 2 GEOLOGIST : K. FRASER
ELEVATION : 1918 KB FORMATION : SIMPSON
SECTION : 35 TOWNSHIP : 25S
RANGE : 13W COUNTY : STAFFORD STATE : KANSAS
GAUGE SN# : 2606 RANGE : 4150 CLOCK : 12

INTERVAL FROM : 4243 TO : 4260 TOTAL DEPTH : 4260
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4238 SIZE : 6.63
PACKER DEPTH : 4243 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : H-30 DRILLING RIG #5
MUD TYPE : CHEM.-DAPAC VISCOSITY : 42
WEIGHT : 9.4 WATER LOSS (CC) : 10.4
CHLORIDES (PPM) : 9000
JARS-MAKE : WTC SERIAL NUMBER : 405
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 0 FT I.D. inch : 0.00
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 4215 FT I.D. inch : 3.80
TEST TOOL LENGTH : 28 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 17 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 FH

BLOW COMMENT #1 : WEAK TO STRONG BLOW IN 20 MINUTES ON THE INITIAL FLOW.
BLOW COMMENT #2 : STRONG BLOW ON THE FINAL FLOW-WOULDN'T MAINTAIN
BLOW COMMENT #3 : 2" FLOW.
BLOW COMMENT #4 :

RECOVERED : 65 FT OF: HEAVY OIL CUT MUD
RECOVERED : 0 FT OF: (30% OIL-70% MUD)
RECOVERED : 125 FT OF: WATER-38000 PPM

Total Barrels Fluid = 2.67
Total Fluid Prod Rate = 36.55 BFPD
Indicated Oil Rate = 3.75 BOPD
Indicated Wtr Rate = 31.74 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 240 FEET OF GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) :	4:55 PM	TIME STARTED OFF BOTTOM :	8:25 PM
WELL TEMPERATURE :	119		
INITIAL HYDROSTATIC PRESSURE		(A)	2184
INITIAL FLOW PERIOD MIN:	45	(B)	45 PSI TO (C) : 56
INITIAL CLOSED IN PERIOD MIN:	45	(D)	883
FINAL FLOW PERIOD MIN:	60	(E)	87 PSI TO (F) : 101
FINAL CLOSED IN PERIOD MIN:	60	(G)	814
FINAL HYDROSTATIC PRESSURE		(H)	2177

WESTERN TESTERS INC
WITICHA - KANSAS

Pressure Transient Report

COMPANY : KIWANDA RESOURCES INC.
RIG : STAFFORD-KANSAS
FIELD : HARRISON 'B'
WELL : #1
DATE : 1-5-87
GAUGE NO : 2606

OPERATIONAL COMMENTS

RECOVERED 240 FEET OF GAS ABOVE FLUID.

COMPANY : KIWANDA RESOURCES INC.
WELL : #1
GAUGE # : 2606
DATE : 5/ 1/87

FIELD : HARRISON '8'
JOB # : 12223
DEPTH : 4260
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	4:55: 0	0.000	45.000	119.00	0.000
2	4:59:59	0.083	45.000	119.00	0.000
3	5: 5: 0	0.167	45.000	119.00	0.000
4	5:10: 0	0.250	45.000	119.00	0.000
5	5:14:59	0.333	47.000	119.00	2.000
6	5:20: 0	0.417	50.000	119.00	3.000
7	5:25: 0	0.500	51.000	119.00	1.000
8	5:29:59	0.583	52.000	119.00	1.000
9	5:35: 0	0.667	54.000	119.00	2.000
10	5:40: 0	0.750	56.000	119.00	2.000
11	5:43: 0	0.800	231.000	119.00	175.000
12	5:46: 0	0.850	402.000	119.00	171.000
13	5:49: 0	0.900	557.000	119.00	155.000
14	5:52: 0	0.950	652.000	119.00	95.000
15	5:55: 0	1.000	718.000	119.00	66.000
16	5:58: 0	1.050	754.000	119.00	36.000
17	6: 1: 0	1.100	782.000	119.00	28.000
18	6: 4: 0	1.150	803.000	119.00	21.000
19	6: 7: 0	1.200	821.000	119.00	18.000
20	6:10: 0	1.250	833.000	119.00	12.000
21	6:13: 0	1.300	849.000	119.00	16.000
22	6:16: 0	1.350	861.000	119.00	12.000
23	6:19: 0	1.400	871.000	119.00	10.000
24	6:22: 0	1.450	877.000	119.00	6.000
25	6:25: 0	1.500	883.000	119.00	6.000
26	6:26: 0	1.517	87.000	119.00	-796.000
27	6:29:59	1.583	87.000	119.00	0.000
28	6:35: 0	1.667	87.000	119.00	0.000
29	6:40: 0	1.750	87.000	119.00	0.000
30	6:44:59	1.833	87.000	119.00	0.000
31	6:50: 0	1.917	87.000	119.00	0.000
32	6:55: 0	2.000	87.000	119.00	0.000
33	6:59:59	2.083	88.000	119.00	1.000
34	7: 5: 0	2.167	91.000	119.00	3.000
35	7:10: 0	2.250	94.000	119.00	3.000
36	7:14:59	2.333	97.000	119.00	3.000
37	7:20: 0	2.417	99.000	119.00	2.000
38	7:25: 0	2.500	101.000	119.00	2.000
39	7:28: 0	2.550	164.000	119.00	63.000
40	7:31: 0	2.600	294.000	119.00	130.000
41	7:34: 0	2.650	395.000	119.00	101.000
42	7:37: 0	2.700	467.000	119.00	72.000
43	7:40: 0	2.750	536.000	119.00	69.000
44	7:43: 0	2.800	584.000	119.00	48.000
45	7:46: 0	2.850	627.000	119.00	43.000
46	7:49: 0	2.900	660.000	119.00	33.000
47	7:52: 0	2.950	689.000	119.00	29.000
48	7:55: 0	3.000	712.000	119.00	23.000
49	7:58: 0	3.050	729.000	119.00	17.000
50	8: 1: 0	3.100	744.000	119.00	15.000
51	8: 4: 0	3.150	758.000	119.00	14.000
52	8: 7: 0	3.200	767.000	119.00	9.000

COMPANY : KIWANDA RESOURCES INC.
WELL : #1
GAUGE # : 2606
DATE : 5/ 1/87

FIELD : HARRISON 'B'
JOB # : 12223
DEPTH : 4260
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	8:10: 0	3.250	779.000	119.00	12.000
54	8:13: 0	3.300	788.000	119.00	9.000
55	8:16: 0	3.350	794.000	119.00	6.000
56	8:19: 0	3.400	801.000	119.00	7.000
57	8:22: 0	3.450	807.000	119.00	6.000
58	8:25: 0	3.500	814.000	119.00	7.000

WESTERN TESTERS INC