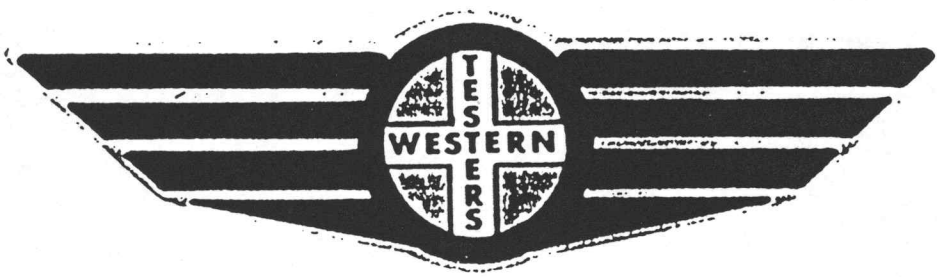
FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

COMPANY GLOBAL NATURAL RESOURCES CORP. LEASE & WELL NO. L V FARMS #1-3 SEC. 3 TWP. 24S RGE. 37W TEST NO. 1 DATE 5/31/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 5-31-88			TICKET	: 13867
CUSTOMER	: GLOBAL NATURAL RESOURCES CORP			LEASE	: L. V. FARMS
WELL	: #1-3 TEST: 1			GEOLOGIST	: R. MEYER
ELEVATION	: 3276 KB			FORMATION	: TORONTO
SECTION	: 3			TOWNSHIP	: 24S
RANGE	: 37W	COUNTY	: KEARNY	STATE	: KANSAS
GAUGE SN#	: 10270	RANGE	: 4150	CLOCK	: 12

INTERVAL FROM	: 3754	TO	: 3780	TOTAL DEPTH	: 3780
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 3749	SIZE	: 6.63		
PACKER DEPTH	: 3754	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: BEREDCO RIG 4		
MUD TYPE	: CHEMICAL	VISCOSITY	: 36
WEIGHT	: 9.1	WATER LOSS (CC)	: 12
CHLORIDES (PPM)	: 8000		
JARS-MAKE	: WTC	SERIAL NUMBER	: 417
DID WELL FLOW ?	: -	REVERSED OUT ?	: -

DRILL COLLAR LENGTH	: 650	FT	I.D. inch	: 2.20	
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00	
DRILL PIPE LENGTH	: 3078	FT	I.D. inch	: 3.80	
TEST TOOL LENGTH	: 26	FT	TOOL SIZE	: 5.50	
ANCHOR LENGTH	: 26	FT	ANCHOR SIZE	: 5.50	
SURFACE CHOKE SIZE	: .75	IN	BOTTOM CHOKE SIZE	: .75	
MAIN HOLE SIZE	: 7.875	IN	TOOL JOINT SIZE	: 4 1/2 XH	

BLOW COMMENT #1 : INITIAL FLOW-WEAK 1/2" BLOW BUILDING TO A FAIR 4" BLOW
BLOW COMMENT #2 : FINAL FLOW-FAIR 3" BLOW THROUGHOUT.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 180 FT OF: MUDDY WATER
25% MUD-75% WATER
RECOVERED : 450 FT OF: WATER
CHLORIDES: 25000 PPM
RESISTIVITY .22 @ 58 DEG.F.

Total Barrels Fluid = 2.96
Total Fluid Prod Rate = 50.18 BFPD
Indicated Wtr Rate = 46.59 BWPD

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

SET PACKER(S) : 12:35 AM TIME STARTED OFF BOTTOM : 5:05 AM
WELL TEMPERATURE : 111

INITIAL HYDROSTATIC PRESSURE			(A)	1835	
INITIAL FLOW PERIOD	MIN:	30	(B)	46	PSI TO (C) : 138
INITIAL CLOSED IN PERIOD	MIN:	57	(D)	945	
FINAL FLOW PERIOD	MIN:	55	(E)	167	PSI TO (F) : 310
FINAL CLOSED IN PERIOD	MIN:	120	(G)	939	
FINAL HYDROSTATIC PRESSURE			(H)	1816	

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY	:	GLOBAL NATURAL RESOURCES CORP
RIG	:	KEARNY-KANSAS
FIELD	:	L. V. FARMS
WELL	:	#1-3
DATE	:	5-31-88
GAUGE NO	:	10270

OPERATIONAL COMMENTS

COMPANY : GLOBAL NATURAL RESOURCES CORP
WELL : #1-3
GAUGE # : 10270
DATE : 31/ 5/88

FIELD : L. V. FARMS
JOB # : 13867
DEPTH : 3780
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	12:35: 0	0.000	46.000	111.00	0.000
2	12:39:59	0.083	49.000	111.00	3.000
3	12:45: 0	0.167	67.000	111.00	18.000
4	12:50: 0	0.250	87.000	111.00	20.000
5	12:54:59	0.333	104.000	111.00	17.000
6	13: 0: 0	0.417	123.000	111.00	19.000
7	13: 5: 0	0.500	138.000	111.00	15.000
8	13: 8: 0	0.550	777.000	111.00	639.000
9	13:11: 0	0.600	831.000	111.00	54.000
10	13:14: 0	0.650	863.000	111.00	32.000
11	13:17: 0	0.700	878.000	111.00	15.000
12	13:20: 0	0.750	892.000	111.00	14.000
13	13:23: 0	0.800	901.000	111.00	9.000
14	13:26: 0	0.850	910.000	111.00	9.000
15	13:29: 0	0.900	916.000	111.00	6.000
16	13:32: 0	0.950	921.000	111.00	5.000
17	13:35: 0	1.000	925.000	111.00	4.000
18	13:38: 0	1.050	928.000	111.00	3.000
19	13:41: 0	1.100	933.000	111.00	5.000
20	13:44: 0	1.150	936.000	111.00	3.000
21	13:47: 0	1.200	937.000	111.00	1.000
22	13:50: 0	1.250	939.000	111.00	2.000
23	13:53: 0	1.300	941.000	111.00	2.000
24	13:56: 0	1.350	943.000	111.00	2.000
25	13:59: 0	1.400	944.000	111.00	1.000
26	14: 2: 0	1.450	945.000	111.00	1.000
27	14: 3: 0	1.467	167.000	111.00	-778.000
28	14: 6:59	1.533	167.000	111.00	0.000
29	14:12: 0	1.617	181.000	111.00	14.000
30	14:17: 0	1.700	197.000	111.00	16.000
31	14:21:59	1.783	209.000	111.00	12.000
32	14:27: 0	1.867	225.000	111.00	16.000
33	14:32: 0	1.950	244.000	111.00	19.000
34	14:36:59	2.033	257.000	111.00	13.000
35	14:42: 0	2.117	272.000	111.00	15.000
36	14:47: 0	2.200	285.000	111.00	13.000
37	14:51:59	2.283	297.000	111.00	12.000
38	14:57: 0	2.367	310.000	111.00	13.000
39	15: 0: 0	2.417	754.000	111.00	444.000
40	15: 3: 0	2.467	808.000	111.00	54.000
41	15: 6: 0	2.517	834.000	111.00	26.000
42	15: 9: 0	2.567	851.000	111.00	17.000
43	15:12: 0	2.617	865.000	111.00	14.000
44	15:15: 0	2.667	876.000	111.00	11.000
45	15:18: 0	2.717	884.000	111.00	8.000
46	15:21: 0	2.767	890.000	111.00	6.000
47	15:24: 0	2.817	897.000	111.00	7.000
48	15:27: 0	2.867	902.000	111.00	5.000
49	15:30: 0	2.917	907.000	111.00	5.000
50	15:33: 0	2.967	911.000	111.00	4.000
51	15:36: 0	3.017	913.000	111.00	2.000
52	15:39: 0	3.067	915.000	111.00	2.000

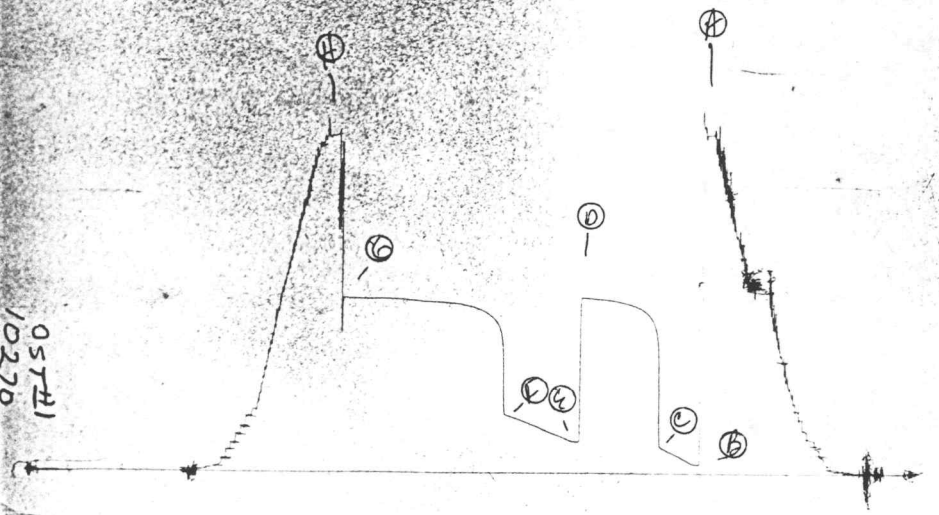
COMPANY : GLOBAL NATURAL RESOURCES CORP
WELL : #1-3
GAUGE # : 10270
DATE : 31/ 5/88

FIELD : L. V. FARMS
JOB # : 13867
DEPTH : 3780
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	15:42: 0	3.117	916.000	111.00	1.000
54	15:45: 0	3.167	917.000	111.00	1.000
55	15:48: 0	3.217	918.000	111.00	1.000
56	15:51: 0	3.267	919.000	111.00	1.000
57	15:54: 0	3.317	920.000	111.00	1.000
58	15:57: 0	3.367	921.000	111.00	1.000
59	16: 0: 0	3.417	923.000	111.00	2.000
60	16: 3: 0	3.467	925.000	111.00	2.000
61	16: 6: 0	3.517	927.000	111.00	2.000
62	16: 9: 0	3.567	929.000	111.00	2.000
63	16:12: 0	3.617	931.000	111.00	2.000
64	16:15: 0	3.667	932.000	111.00	1.000
65	16:18: 0	3.717	933.000	111.00	1.000
66	16:21: 0	3.767	934.000	111.00	1.000
67	16:24: 0	3.817	935.000	111.00	1.000
68	16:27: 0	3.867	936.000	111.00	1.000
69	16:30: 0	3.917	936.000	111.00	0.000
70	16:33: 0	3.967	936.000	111.00	0.000
71	16:36: 0	4.017	936.000	111.00	0.000
72	16:39: 0	4.067	936.000	111.00	0.000
73	16:42: 0	4.117	936.000	111.00	0.000
74	16:45: 0	4.167	936.000	111.00	0.000
75	16:48: 0	4.217	936.000	111.00	0.000
76	16:51: 0	4.267	937.000	111.00	1.000
77	16:54: 0	4.317	938.000	111.00	1.000
78	16:57: 0	4.367	939.000	111.00	1.000

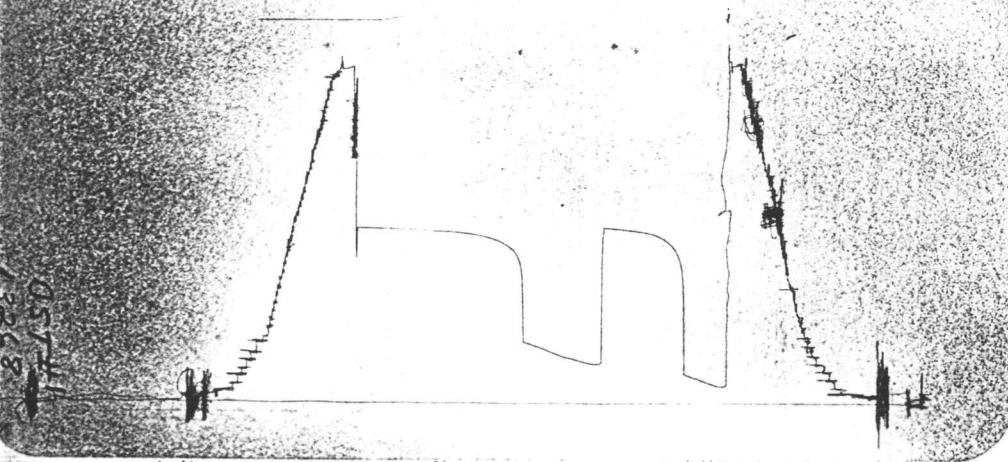
JK # 13867

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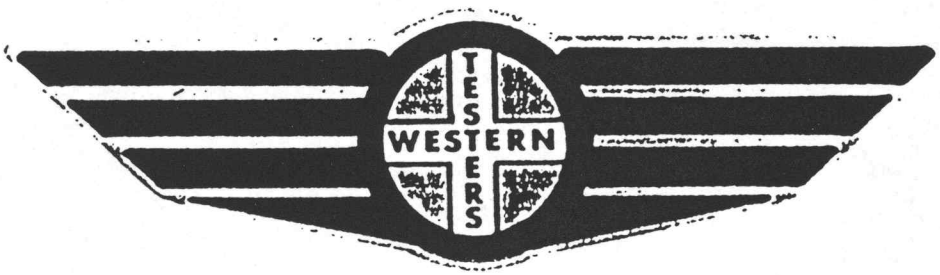


05THI
10270

JKt # 13867



FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

COMPANY GLOBAL NATURAL RESOURCES CORP. LEASE & WELL NO. L V FARMS #1-3 SEC. 3 TWP. 24S RGE. 37W TEST NO. 2 DATE 6/1/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 6-1-88	TICKET	: 13868
CUSTOMER	: GLOBAL NATURAL RESOURCES CORP	LEASE	: L. V. FARMS
WELL	: #1-3 TEST: 2	GEOLOGIST	: T. HEDRICK
ELEVATION	: 3276 KB	FORMATION	: KC-LANSING
SECTION	: 3	TOWNSHIP	: 24S
RANGE	: 37W COUNTY : KEARNY	STATE	: KANSAS
GAUGE SN#	: 10270 RANGE : 4150	CLOCK	: 12

INTERVAL FROM	: 3802	TO	: 3815	TOTAL DEPTH	: 3815
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 3797	SIZE	: 6.63		
PACKER DEPTH	: 3802	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: BEREDCO RIG 4		
MUD TYPE	: CHEMICAL	VISCOSITY	: 46
WEIGHT	: 9.2	WATER LOSS (CC)	: 8.2
CHLORIDES (PPM)	: 4200		
JARS-MAKE	: WTC	SERIAL NUMBER	: 417
DID WELL FLOW ?	:	REVERSED OUT ?	:

DRILL COLLAR LENGTH	: 650	FT	I.D. inch	: 2.20	
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00	
DRILL PIPE LENGTH	: 3126	FT	I.D. inch	: 3.80	
TEST TOOL LENGTH	: 26	FT	TOOL SIZE	: 5.50	
ANCHOR LENGTH	: 13	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-WEAK BLOW BUILDING TO STRONG IN 11 MINUTES
BLOW COMMENT #2 : FINAL FLOW-WEAK BLOW BUILDING TO STRONG IN 20 MINUTES
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 90 FT OF: MUDDY WATER / WITH SLIGHT SHOW OF OIL
RECOVERED : 720 FT OF: WATER
CHLORIDES: 26000 PPM
RESISTIVITY .1 @ 74 DEG.F.

Total Barrels Fluid = 5.30
Total Fluid Prod Rate = 84.80 BFPD
Indicated Wtr Rate = 78.52 BWPD

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

SET PACKER(S) : 6:00 PM TIME STARTED OFF BOTTOM : 10:30 PM
WELL TEMPERATURE : 114

INITIAL HYDROSTATIC PRESSURE			(A)	1856	
INITIAL FLOW PERIOD	MIN:	30	(B)	56	PSI TO (C) : 253
INITIAL CLOSED IN PERIOD	MIN:	60	(D)	969	
FINAL FLOW PERIOD	MIN:	60	(E)	295	PSI TO (F) : 423
FINAL CLOSED IN PERIOD	MIN:	117	(G)	972	
FINAL HYDROSTATIC PRESSURE			(H)	1856	

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY	:	GLOBAL NATURAL RESOURCES CORP
RIG	:	KEARNY-KANSAS
FIELD	:	L. V. FARMS
WELL	:	#1-3
DATE	:	6-1-88
GAUGE NO	:	10270

OPERATIONAL COMMENTS

COMPANY : GLOBAL NATURAL RESOURCES CORP
WELL : #1-3
GAUGE # : 10270
DATE : 1/ 6/88

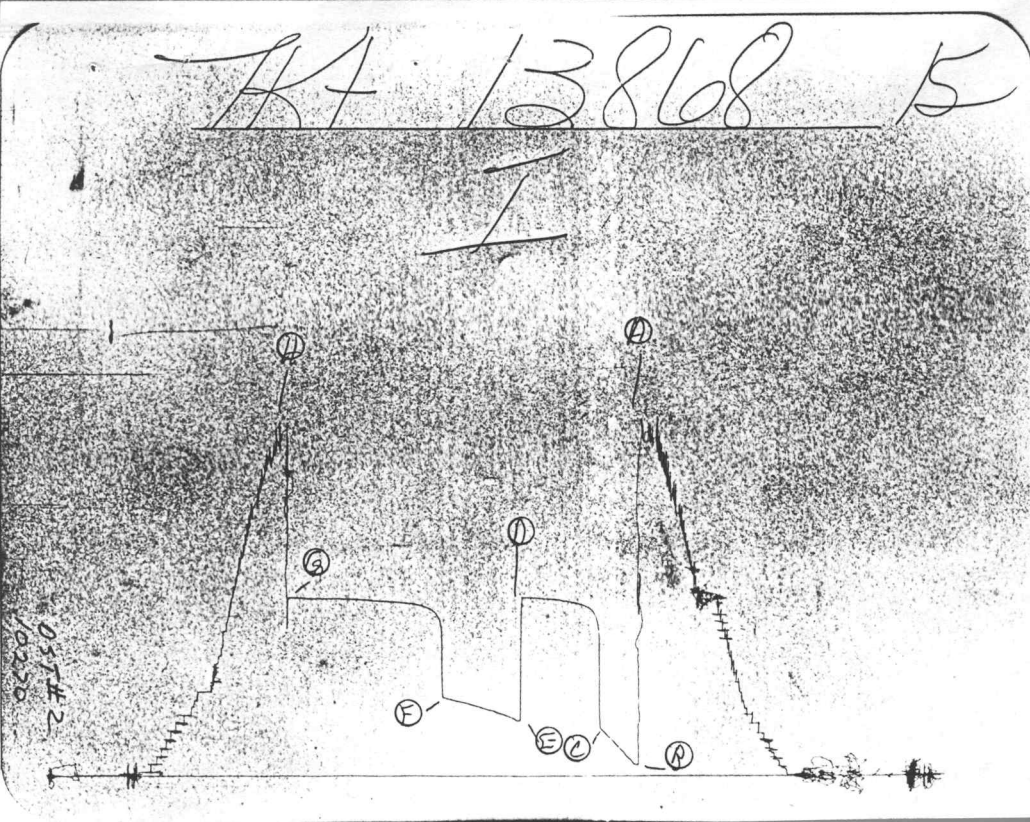
FIELD : L. V. FARMS
JOB # : 13868
DEPTH : 3815
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	6: 0: 0	0.000	56.000	114.00	0.000
2	6: 4:59	0.083	76.000	114.00	20.000
3	6:10: 0	0.167	116.000	114.00	40.000
4	6:15: 0	0.250	152.000	114.00	36.000
5	6:19:59	0.333	193.000	114.00	41.000
6	6:25: 0	0.417	231.000	114.00	38.000
7	6:30: 0	0.500	253.000	114.00	22.000
8	6:33: 0	0.550	815.000	114.00	562.000
9	6:36: 0	0.600	883.000	114.00	68.000
10	6:39: 0	0.650	908.000	114.00	25.000
11	6:42: 0	0.700	920.000	114.00	12.000
12	6:45: 0	0.750	929.000	114.00	9.000
13	6:48: 0	0.800	937.000	114.00	8.000
14	6:51: 0	0.850	941.000	114.00	4.000
15	6:54: 0	0.900	946.000	114.00	5.000
16	6:57: 0	0.950	950.000	114.00	4.000
17	7: 0: 0	1.000	954.000	114.00	4.000
18	7: 2:59	1.050	958.000	114.00	4.000
19	7: 6: 0	1.100	961.000	114.00	3.000
20	7: 9: 0	1.150	963.000	114.00	2.000
21	7:12: 0	1.200	964.000	114.00	1.000
22	7:15: 0	1.250	965.000	114.00	1.000
23	7:18: 0	1.300	966.000	114.00	1.000
24	7:21: 0	1.350	967.000	114.00	1.000
25	7:24: 0	1.400	968.000	114.00	1.000
26	7:27: 0	1.450	969.000	114.00	1.000
27	7:30: 0	1.500	969.000	114.00	0.000
28	7:31: 0	1.517	295.000	114.00	-674.000
29	7:34:59	1.583	306.000	114.00	11.000
30	7:40: 0	1.667	320.000	114.00	14.000
31	7:45: 0	1.750	335.000	114.00	15.000
32	7:49:59	1.833	349.000	114.00	14.000
33	7:55: 0	1.917	358.000	114.00	9.000
34	8: 0: 0	2.000	371.000	114.00	13.000
35	8: 4:59	2.083	381.000	114.00	10.000
36	8:10: 0	2.167	393.000	114.00	12.000
37	8:15: 0	2.250	401.000	114.00	8.000
38	8:19:59	2.333	410.000	114.00	9.000
39	8:25: 0	2.417	419.000	114.00	9.000
40	8:30: 0	2.500	423.000	114.00	4.000
41	8:33: 0	2.550	846.000	114.00	423.000
42	8:36: 0	2.600	885.000	114.00	39.000
43	8:39: 0	2.650	904.000	114.00	19.000
44	8:42: 0	2.700	915.000	114.00	11.000
45	8:45: 0	2.750	925.000	114.00	10.000
46	8:48: 0	2.800	929.000	114.00	4.000
47	8:51: 0	2.850	934.000	114.00	5.000
48	8:54: 0	2.900	938.000	114.00	4.000
49	8:57: 0	2.950	941.000	114.00	3.000
50	9: 0: 0	3.000	943.000	114.00	2.000
51	9: 3: 0	3.050	945.000	114.00	2.000
52	9: 6: 0	3.100	947.000	114.00	2.000

COMPANY : GLOBAL NATURAL RESOURCES CORP
WELL : #1-3
GAUGE # : 10270
DATE : 1/ 6/88

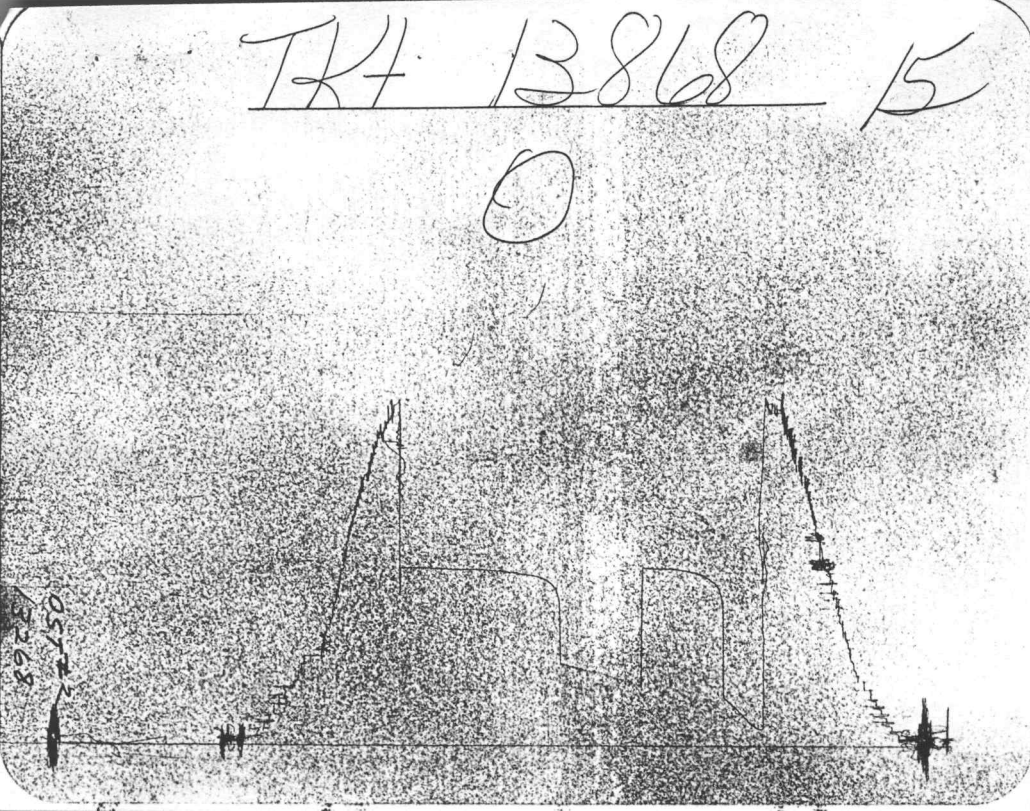
FIELD : L. V. FARMS
JOB # : 13868
DEPTH : 3815
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	9: 9: 0	3.150	949.000	114.00	2.000
54	9:12: 0	3.200	950.000	114.00	1.000
55	9:15: 0	3.250	951.000	114.00	1.000
56	9:18: 0	3.300	953.000	114.00	2.000
57	9:21: 0	3.350	955.000	114.00	2.000
58	9:24: 0	3.400	957.000	114.00	2.000
59	9:27: 0	3.450	959.000	114.00	2.000
60	9:30: 0	3.500	960.000	114.00	1.000
61	9:33: 0	3.550	961.000	114.00	1.000
62	9:36: 0	3.600	962.000	114.00	1.000
63	9:39: 0	3.650	963.000	114.00	1.000
64	9:42: 0	3.700	964.000	114.00	1.000
65	9:45: 0	3.750	965.000	114.00	1.000
66	9:48: 0	3.800	966.000	114.00	1.000
67	9:51: 0	3.850	967.000	114.00	1.000
68	9:54: 0	3.900	967.000	114.00	0.000
69	9:57: 0	3.950	967.000	114.00	0.000
70	10: 0: 0	4.000	967.000	114.00	0.000
71	10: 3: 0	4.050	967.000	114.00	0.000
72	10: 6: 0	4.100	967.000	114.00	0.000
73	10: 9: 0	4.150	968.000	114.00	1.000
74	10:11:59	4.200	968.000	114.00	0.000
75	10:15: 0	4.250	969.000	114.00	1.000
76	10:18: 0	4.300	969.000	114.00	0.000
77	10:21: 0	4.350	970.000	114.00	1.000
78	10:24: 0	4.400	971.000	114.00	1.000
79	10:27: 0	4.450	972.000	114.00	1.000

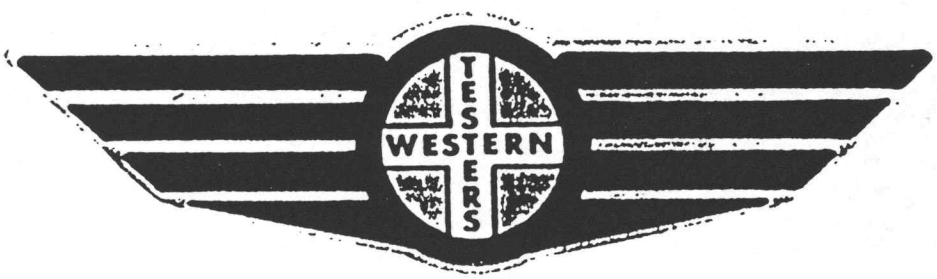

K1 13868 5
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A
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C
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05#2
0220

TK 1368 15

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FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

COMPANY GLOBAL NATURAL RESOURCES CORP LEASE & WELL NO. L V FARMS #1-3 SEC. 3 TWP. 24S RGE. 37W TEST NO. 3 DATE 6/2/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 6-2-88			TICKET	: 13869
CUSTOMER	: GLOBAL NATURAL RESOURCES CORP			LEASE	: L. V. FARMS
WELL	: #1-3 TEST: 3			GEOLOGIST	: T HEDRICK
ELEVATION	: 3276 KB			FORMATION	: LANSING
SECTION	: 3			TOWNSHIP	: 24S
RANGE	: 37W	COUNTY	: KEARNY	STATE	: KANSAS
GAUGE SN#	: 10270	RANGE	: 4150	CLOCK	: 12

INTERVAL FROM	: 3932	TO	: 3940	TOTAL DEPTH	: 3940
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 3927	SIZE	: 6.63		
PACKER DEPTH	: 3732	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: BEREDCO RIG 4		
MUD TYPE	: CHEMICAL	VISCOSITY	: 40
WEIGHT	: 9.1	WATER LOSS (CC)	: 9
CHLORIDES (PPM)	: 5700		
JARS-MAKE	: WTC	SERIAL NUMBER	: 417
DID WELL FLOW ?	: -	REVERSED OUT ?	: -

DRILL COLLAR LENGTH	: 650	FT	I.D. inch	: 2.20	
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00	
DRILL PIPE LENGTH	: 3256	FT	I.D. inch	: 3.80	
TEST TOOL LENGTH	: 26	FT	TOOL SIZE	: 5.50	
ANCHOR LENGTH	: 8	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-VERY WEAK BLOW THROUGHOUT-SURFACE BLOW.
BLOW COMMENT #2 : FINAL FLOW-NO BLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 5 FT OF: CLEAN OIL GRAVITY 31
RECOVERED : 100 FT OF: SLIGHTLY OIL CUT WATERY MUD
2% OIL-46% WATER-52% MUD
CHLORIDES: 12000 PPM
RESISTIVITY .23 @ 62 DEG.F.

Total Barrels Fluid	=	0.49
Total Fluid Prod Rate	=	8.36 BFPD
Indicated Oil Rate	=	0.56 BOPD
Indicated Wtr Rate	=	4.14 BWPD
Corrected Oil Rate	=	8.45 BOPD
Corrected Wtr Rate	=	62.77 BWPD

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

SET PACKER(S) : 5:45 PM TIME STARTED OFF BOTTOM : 10:15 PM
WELL TEMPERATURE : 117

INITIAL HYDROSTATIC PRESSURE			(A)	1913	
INITIAL FLOW PERIOD	MIN:	30	(B)	43	PSI TO (C) : 55
INITIAL CLOSED IN PERIOD	MIN:	60	(D)	979	
FINAL FLOW PERIOD	MIN:	55	(E)	68	PSI TO (F) : 83
FINAL CLOSED IN PERIOD	MIN:	117	(G)	970	
FINAL HYDROSTATIC PRESSURE			(H)	1896	

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY	:	GLOBAL NATURAL RESOURCES CORP
RIG	:	KEARNY-KANSAS
FIELD	:	L. V. FARMS
WELL	:	#1-3
DATE	:	6-2-88
GAUGE NO	:	10270

OPERATIONAL COMMENTS

COMPANY : GLOBAL NATURAL RESOURCES CORP
WELL : #1-3
GAUGE # : 10270
DATE : 2/ 6/88

FIELD : "L. 'V". FARMS
JOB # : 13869
DEPTH : 3940
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	5:45: 0	0.000	43.000	117.00	0.000
2	5:49:59	0.083	43.000	117.00	0.000
3	5:55: 0	0.167	43.000	117.00	0.000
4	6: 0: 0	0.250	45.000	117.00	2.000
5	6: 4:59	0.333	50.000	117.00	5.000
6	6:10: 0	0.417	53.000	117.00	3.000
7	6:15: 0	0.500	55.000	117.00	2.000
8	6:18: 0	0.550	399.000	117.00	344.000
9	6:21: 0	0.600	674.000	117.00	275.000
10	6:24: 0	0.650	787.000	117.00	113.000
11	6:27: 0	0.700	836.000	117.00	49.000
12	6:30: 0	0.750	864.000	117.00	28.000
13	6:33: 0	0.800	888.000	117.00	24.000
14	6:36: 0	0.850	908.000	117.00	20.000
15	6:39: 0	0.900	918.000	117.00	10.000
16	6:42: 0	0.950	929.000	117.00	11.000
17	6:45: 0	1.000	940.000	117.00	11.000
18	6:48: 0	1.050	947.000	117.00	7.000
19	6:51: 0	1.100	952.000	117.00	5.000
20	6:54: 0	1.150	959.000	117.00	7.000
21	6:57: 0	1.200	963.000	117.00	4.000
22	7: 0: 0	1.250	967.000	117.00	4.000
23	7: 3: 0	1.300	970.000	117.00	3.000
24	7: 6: 0	1.350	973.000	117.00	3.000
25	7: 9: 0	1.400	976.000	117.00	3.000
26	7:12: 0	1.450	978.000	117.00	2.000
27	7:15: 0	1.500	979.000	117.00	1.000
28	7:16: 0	1.517	68.000	117.00	-911.000
29	7:19:59	1.583	68.000	117.00	0.000
30	7:25: 0	1.667	68.000	117.00	0.000
31	7:30: 0	1.750	68.000	117.00	0.000
32	7:34:59	1.833	70.000	117.00	2.000
33	7:40: 0	1.917	73.000	117.00	3.000
34	7:45: 0	2.000	75.000	117.00	2.000
35	7:49:59	2.083	77.000	117.00	2.000
36	7:55: 0	2.167	79.000	117.00	2.000
37	8: 0: 0	2.250	81.000	117.00	2.000
38	8: 4:59	2.333	82.000	117.00	1.000
39	8:10: 0	2.417	83.000	117.00	1.000
40	8:13: 0	2.467	538.000	117.00	455.000
41	8:16: 0	2.517	698.000	117.00	160.000
42	8:19: 0	2.567	762.000	117.00	64.000
43	8:22: 0	2.617	802.000	117.00	40.000
44	8:25: 0	2.667	829.000	117.00	27.000
45	8:28: 0	2.717	848.000	117.00	19.000
46	8:31: 0	2.767	864.000	117.00	16.000
47	8:34: 0	2.817	877.000	117.00	13.000
48	8:37: 0	2.867	887.000	117.00	10.000
49	8:40: 0	2.917	895.000	117.00	8.000
50	8:43: 0	2.967	902.000	117.00	7.000
51	8:46: 0	3.017	908.000	117.00	6.000
52	8:49: 0	3.067	914.000	117.00	6.000

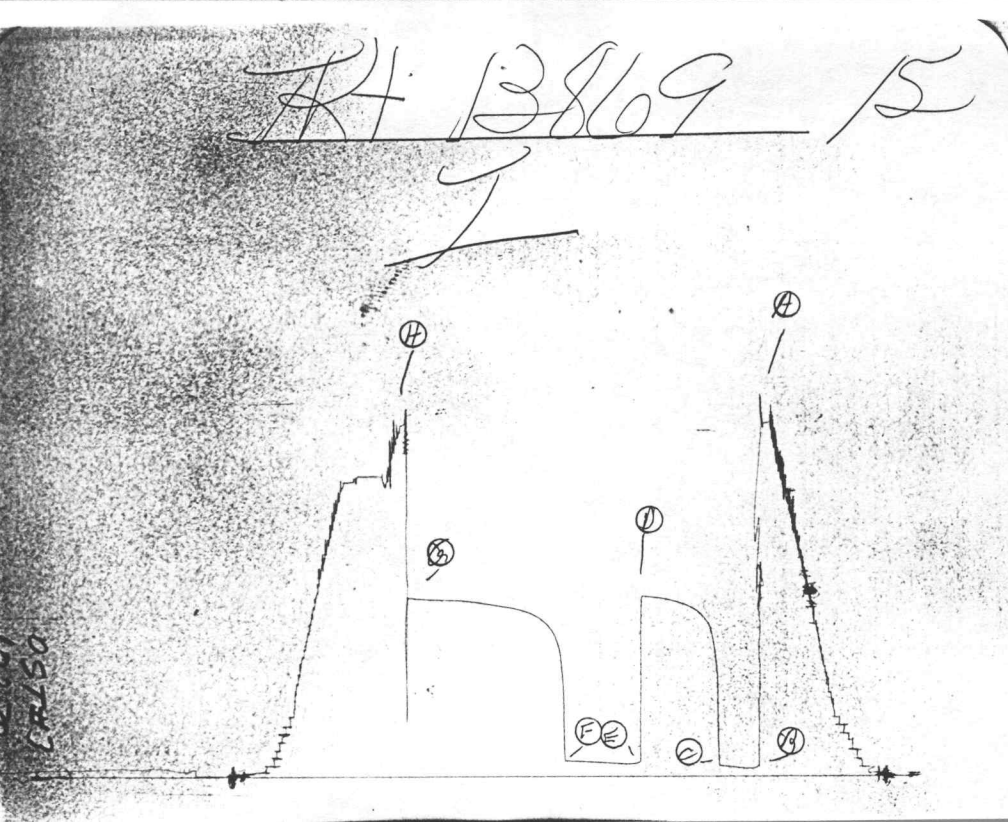
COMPANY : GLOBAL NATURAL RESOURCES CORP
WELL : #1-3
GAUGE # : 10270
DATE : 2/ 6/88

FIELD : L. V. FARMS
JOB # : 13869
DEPTH : 3940
TEST :

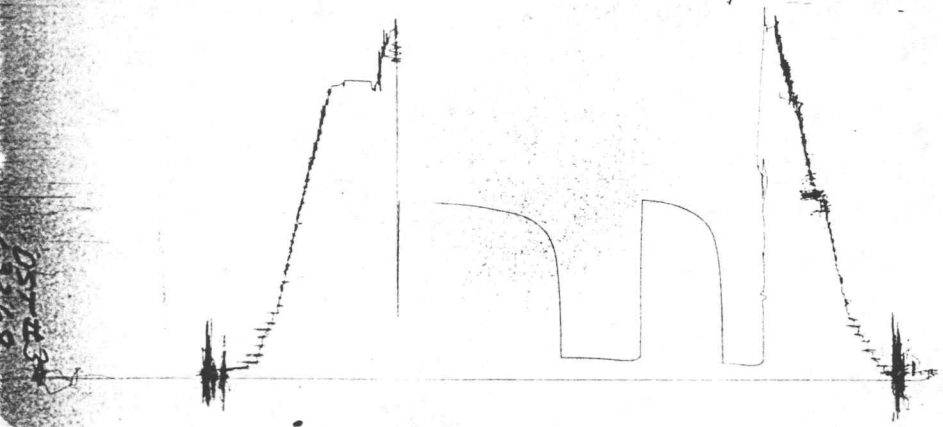
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	8:52: 0	3.117	919.000	117.00	5.000
54	8:55: 0	3.167	922.000	117.00	3.000
55	8:58: 0	3.217	925.000	117.00	3.000
56	9: 1: 0	3.267	929.000	117.00	4.000
57	9: 4: 0	3.317	933.000	117.00	4.000
58	9: 7: 0	3.367	936.000	117.00	3.000
59	9:10: 0	3.417	940.000	117.00	4.000
60	9:13: 0	3.467	943.000	117.00	3.000
61	9:16: 0	3.517	947.000	117.00	4.000
62	9:19: 0	3.567	950.000	117.00	3.000
63	9:22: 0	3.617	952.000	117.00	2.000
64	9:25: 0	3.667	954.000	117.00	2.000
65	9:28: 0	3.717	956.000	117.00	2.000
66	9:31: 0	3.767	957.000	117.00	1.000
67	9:34: 0	3.817	958.000	117.00	1.000
68	9:37: 0	3.867	959.000	117.00	1.000
69	9:40: 0	3.917	960.000	117.00	1.000
70	9:43: 0	3.967	961.000	117.00	1.000
71	9:46: 0	4.017	962.000	117.00	1.000
72	9:49: 0	4.067	963.000	117.00	1.000
73	9:52: 0	4.117	964.000	117.00	1.000
74	9:55: 0	4.167	965.000	117.00	1.000
75	9:58: 0	4.217	966.000	117.00	1.000
76	10: 1: 0	4.267	968.000	117.00	2.000
77	10: 4: 0	4.317	970.000	117.00	2.000
78	10: 7: 0	4.367	970.000	117.00	0.000

WESTERN TESTING CO. INC.

RH 13869 15

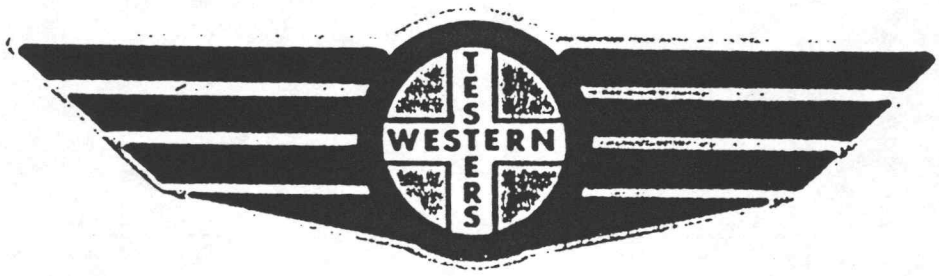


RT. 3809 15



COMPANY GLOBAL NATURAL RESOURCES CORP. LEASE & WELL NO. L V FARMS #1-3 SEC. 3 TWP. 24S RGE. 37W TEST NO. 4 DATE 6/3/88

FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 6-3-88			TICKET	: 13870
CUSTOMER	: GLOBAL NATURAL RESOURCES CORP.			LEASE	: L.V. FARMS
WELL	: #1-3 TEST: 4			GEOLOGIST	: T. HEDRICK
ELEVATION	: 3276 KB			FORMATION	: LANSING
SECTION	: 3			TOWNSHIP	: 24S
RANGE	: 37W	COUNTY	: KEARNY	STATE	: KANSAS
GAUGE SN#	: 10270	RANGE	: 4150	CLOCK	: 12

INTERVAL FROM	: 3950	TO	: 3964	TOTAL DEPTH	: 3964
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 3945	SIZE	: 6.63		
PACKER DEPTH	: 3950	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: BEREDCO RIG 4		
MUD TYPE	: CHEMICAL	VISCOSITY	: 45
WEIGHT	: 9.2	WATER LOSS (CC)	: 8.
CHLORIDES (PPM)	: 5400		
JARS-MAKE	: WTC	SERIAL NUMBER	: 417
DID WELL FLOW ?	: -	REVERSED OUT ?	: -

DRILL COLLAR LENGTH	: 650	FT	I.D. inch	: 2.20	
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00	
DRILL PIPE LENGTH	: 3274	FT	I.D. inch	: 3.80	
TEST TOOL LENGTH	: 26	FT	TOOL SIZE	: 5.50	
ANCHOR LENGTH	: 14	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-WEAK BLOW THROUGHOUT-1/4" INCREASED TO 1".
BLOW COMMENT #2 : FINAL FLOW-VERY WEAK SURFACE BLOW DIED IN 10 MINUTES.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 95 FT OF: MUD / WITH NO SHOW OF OIL

Total Barrels Fluid = 0.45
Total Fluid Prod Rate = 7.15 BFPD
Indicated Wtr Rate = 0.71 BWPD

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

SET PACKER(S) : 10:05 AM TIME STARTED OFF BOTTOM : 2:35 PM
WELL TEMPERATURE : 117

INITIAL HYDROSTATIC PRESSURE			(A)	1948	
INITIAL FLOW PERIOD	MIN:	30	(B)	26	PSI TO (C) : 35
INITIAL CLOSED IN PERIOD	MIN:	60	(D)	998	
FINAL FLOW PERIOD	MIN:	60	(E)	56	PSI TO (F) : 69
FINAL CLOSED IN PERIOD	MIN:	120	(G)	1001	
FINAL HYDROSTATIC PRESSURE			(H)	1940	

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY	: GLOBAL NATURAL RESOURCES CORP.
RIG	: KEARNY-KANSAS
FIELD	: L.V. FARMS
WELL	: #1-3
DATE	: 6-3-88
GAUGE NO	: 10270

OPERATIONAL COMMENTS

COMPANY : GLOBAL NATURAL RESOURCES CORP.

FIELD : L.V. FARMS

WELL : #1-3
GAUGE # : 10270
DATE : 3/ 6/88

JOB # : 13870
DEPTH : 3964
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	10: 5: 0	0.000	26.000	117.00	0.000
2	10: 9:59	0.083	27.000	117.00	1.000
3	10:15: 0	0.167	31.000	117.00	4.000
4	10:20: 0	0.250	35.000	117.00	4.000
5	10:24:59	0.333	35.000	117.00	0.000
6	10:30: 0	0.417	35.000	117.00	0.000
7	10:35: 0	0.500	35.000	117.00	0.000
8	10:38: 0	0.550	583.000	117.00	548.000
9	10:41: 0	0.600	736.000	117.00	153.000
10	10:44: 0	0.650	803.000	117.00	67.000
11	10:47: 0	0.700	848.000	117.00	45.000
12	10:50: 0	0.750	876.000	117.00	28.000
13	10:53: 0	0.800	901.000	117.00	25.000
14	10:56: 0	0.850	920.000	117.00	19.000
15	10:59: 0	0.900	932.000	117.00	12.000
16	11: 2: 0	0.950	944.000	117.00	12.000
17	11: 5: 0	1.000	953.000	117.00	9.000
18	11: 8: 0	1.050	962.000	117.00	9.000
19	11:11: 0	1.100	967.000	117.00	5.000
20	11:14: 0	1.150	974.000	117.00	7.000
21	11:17: 0	1.200	977.000	117.00	3.000
22	11:20: 0	1.250	982.000	117.00	5.000
23	11:23: 0	1.300	987.000	117.00	5.000
24	11:26: 0	1.350	992.000	117.00	5.000
25	11:29: 0	1.400	994.000	117.00	2.000
26	11:32: 0	1.450	996.000	117.00	2.000
27	11:35: 0	1.500	998.000	117.00	2.000
28	11:36: 0	1.517	56.000	117.00	-942.000
29	11:39:59	1.583	56.000	117.00	0.000
30	11:45: 0	1.667	56.000	117.00	0.000
31	11:50: 0	1.750	56.000	117.00	0.000
32	11:54:59	1.833	57.000	117.00	1.000
33	12: 0: 0	1.917	58.000	117.00	1.000
34	12: 5: 0	2.000	58.000	117.00	0.000
35	12: 9:59	2.083	62.000	117.00	4.000
36	12:15: 0	2.167	65.000	117.00	3.000
37	12:20: 0	2.250	67.000	117.00	2.000
38	12:24:59	2.333	69.000	117.00	2.000
39	12:30: 0	2.417	69.000	117.00	0.000
40	12:35: 0	2.500	69.000	117.00	0.000
41	12:38: 0	2.550	578.000	117.00	509.000
42	12:41: 0	2.600	709.000	117.00	131.000
43	12:44: 0	2.650	768.000	117.00	59.000
44	12:47: 0	2.700	813.000	117.00	45.000
45	12:50: 0	2.750	844.000	117.00	31.000
46	12:53: 0	2.800	866.000	117.00	22.000
47	12:56: 0	2.850	883.000	117.00	17.000
48	12:59: 0	2.900	898.000	117.00	15.000
49	13: 2: 0	2.950	913.000	117.00	15.000
50	13: 5: 0	3.000	923.000	117.00	10.000
51	13: 8: 0	3.050	933.000	117.00	10.000
52	13:11: 0	3.100	940.000	117.00	7.000

COMPANY : GLOBAL NATURAL RESOURCES CORP.

FIELD : L.V. FARMS

WELL : #1-3
GAUGE # : 10270
DATE : 3/ 6/88

JOB # : 13870
DEPTH : 3964
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	13:14: 0	3.150	947.000	117.00	7.000
54	13:17: 0	3.200	953.000	117.00	6.000
55	13:20: 0	3.250	956.000	117.00	3.000
56	13:23: 0	3.300	963.000	117.00	7.000
57	13:26: 0	3.350	966.000	117.00	3.000
58	13:29: 0	3.400	970.000	117.00	4.000
59	13:32: 0	3.450	973.000	117.00	3.000
60	13:35: 0	3.500	975.000	117.00	2.000
61	13:38: 0	3.550	976.000	117.00	1.000
62	13:41: 0	3.600	978.000	117.00	2.000
63	13:44: 0	3.650	980.000	117.00	2.000
64	13:47: 0	3.700	982.000	117.00	2.000
65	13:50: 0	3.750	985.000	117.00	3.000
66	13:53: 0	3.800	987.000	117.00	2.000
67	13:56: 0	3.850	989.000	117.00	2.000
68	13:59: 0	3.900	993.000	117.00	4.000
69	14: 2: 0	3.950	995.000	117.00	2.000
70	14: 5: 0	4.000	996.000	117.00	1.000
71	14: 8: 0	4.050	997.000	117.00	1.000
72	14:11: 0	4.100	998.000	117.00	1.000
73	14:14: 0	4.150	999.000	117.00	1.000
74	14:17: 0	4.200	1000.000	117.00	1.000
75	14:20: 0	4.250	1001.000	117.00	1.000
76	14:23: 0	4.300	1001.000	117.00	0.000
77	14:26: 0	4.350	1001.000	117.00	0.000
78	14:29: 0	4.400	1001.000	117.00	0.000
79	14:32: 0	4.450	1001.000	117.00	0.000
80	14:35: 0	4.500	1001.000	117.00	0.000

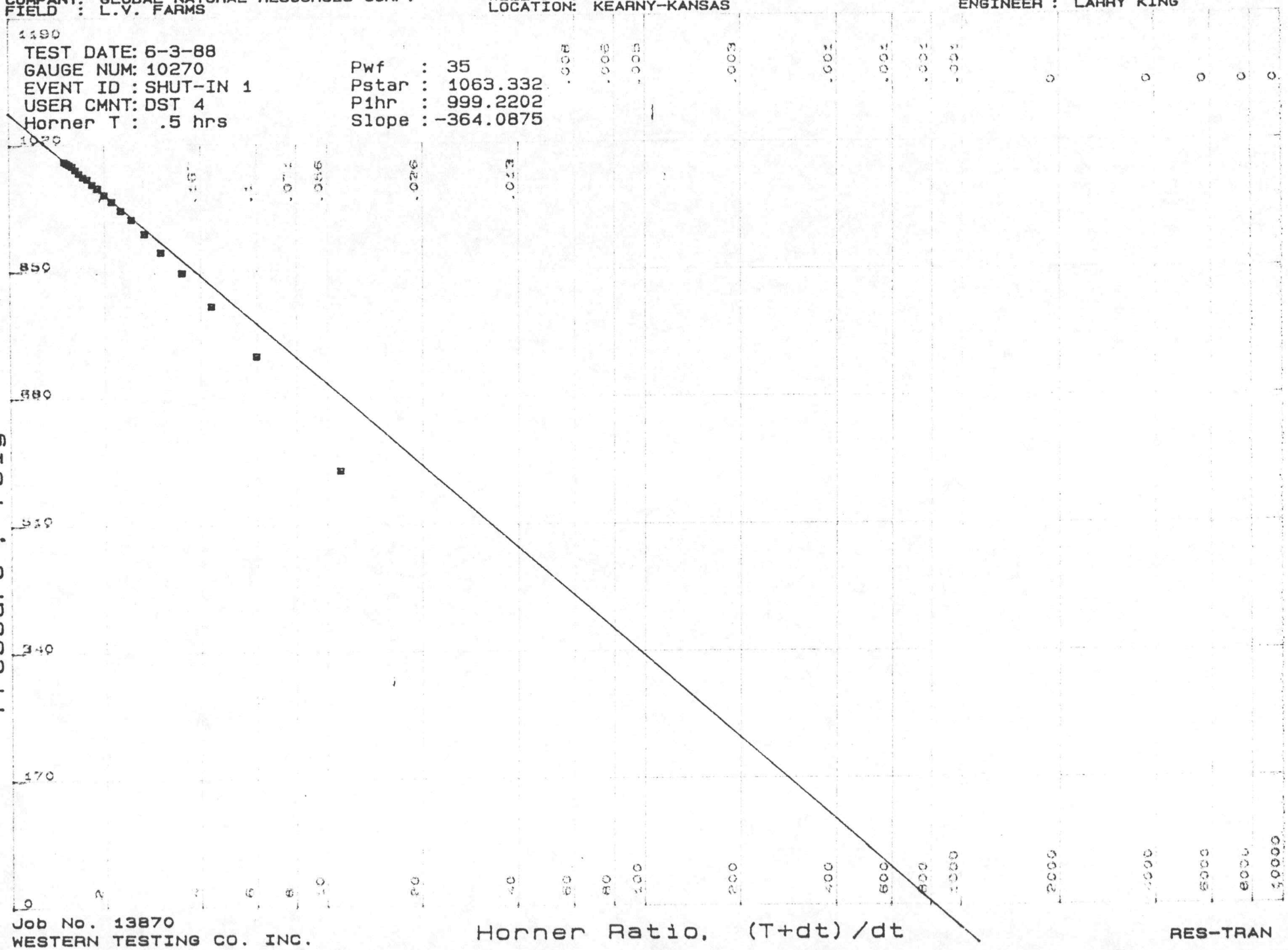
COMPANY: GLOBAL NATURAL RESOURCES CORP.
FIELD : L.V. FARMS

WELL # : #1-3
LOCATION: KEARNY-KANSAS

PROCESSED: 06-07-1988
ENGINEER : LARRY KING

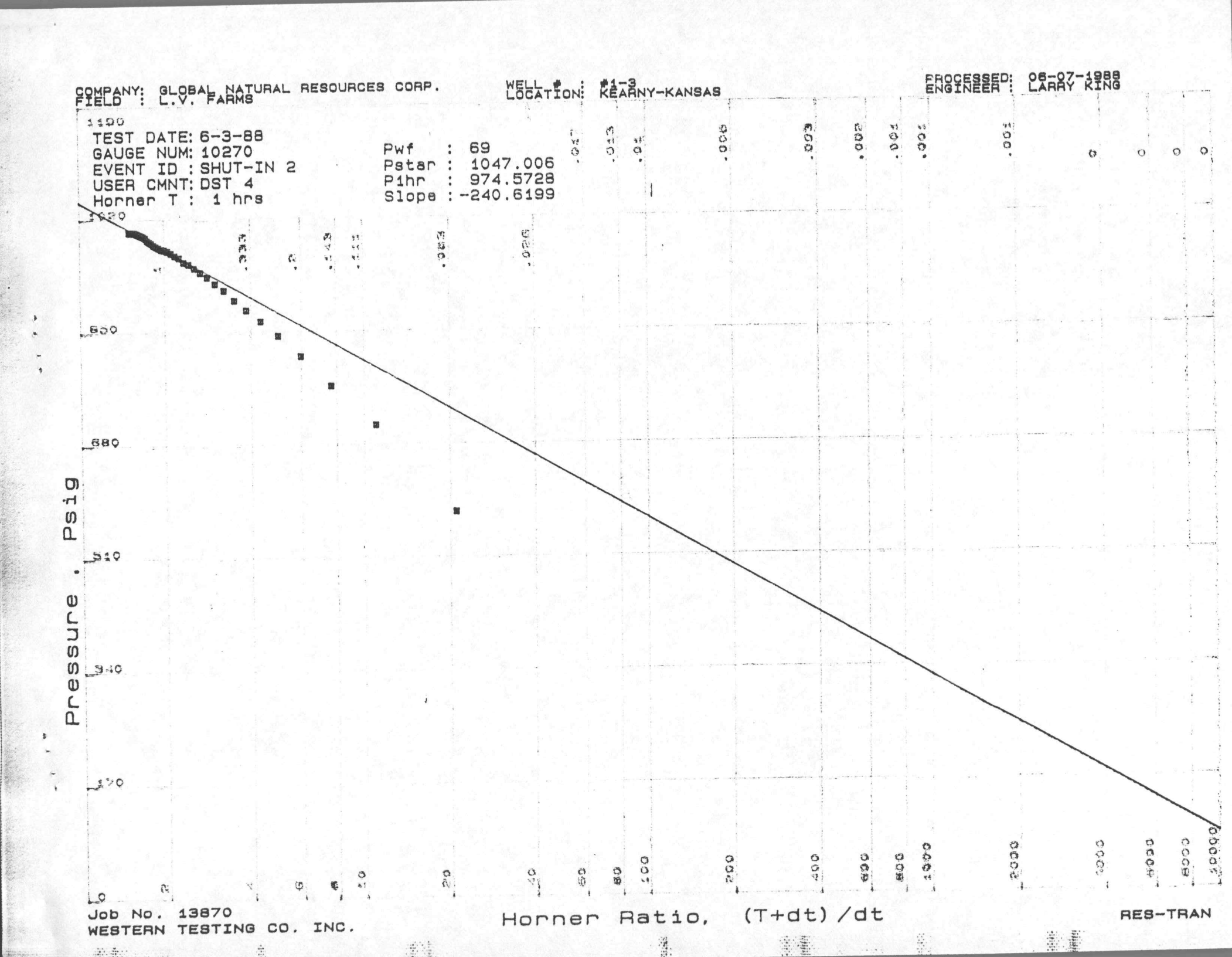
TEST DATE: 6-3-88
GAUGE NUM: 10270
EVENT ID : SHUT-IN 1
USER CMNT: DST 4
Horner T : .5 hrs

Pwf : 35
Pstar : 1063.332
P1hr : 999.2202
Slope : -364.0875



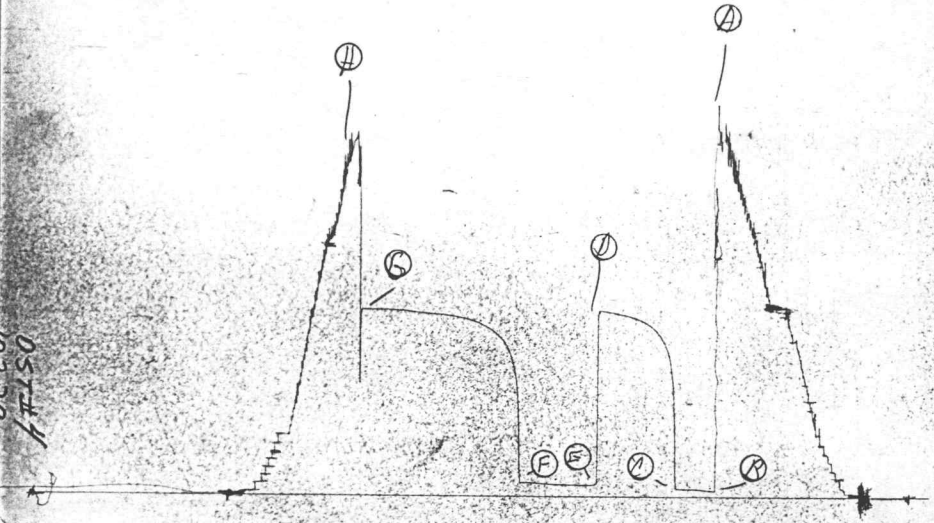
Job No. 13870
WESTERN TESTING CO. INC.

RES-TRAN


COMPANY: GLOBAL NATURAL RESOURCES CORP.
FIELD : L.V. FARMS
WELL # : #1-3
LOCATION: KEARNY-KANSAS
PROCESSED: 06-07-1988
ENGINEER : LARRY KING
TEST DATE: 6-3-88
GAUGE NUM: 10270
EVENT ID : SHUT-IN 2
USER CMNT: DST 4
Horner T : 1 hrs
Pwf : 69
Pstar : 1047.006
P1hr : 974.5728
Slope : -240.6199
Pressure . Psig
Horner Ratio, (T+dt)/dt
Job No. 13870
WESTERN TESTING CO. INC.
RES-TRAN

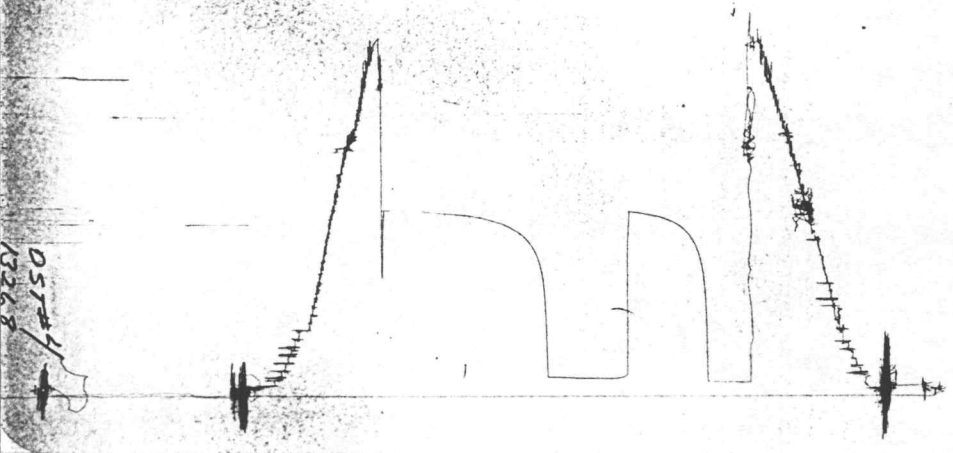
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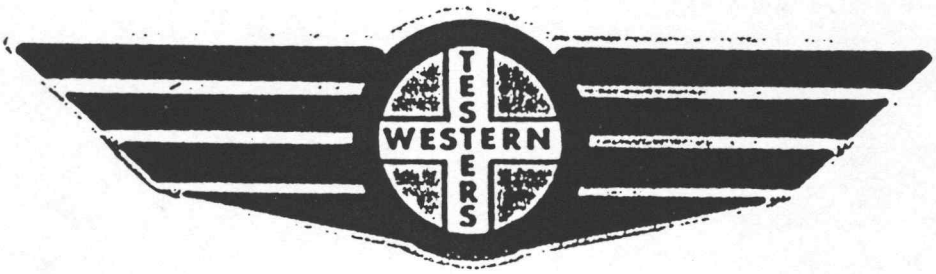
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DST#4
8268

FORMATION TEST REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone (316) 262-5861

COMPANY GLOBAL NATURAL RESOURCES CORP. LEASE & WELL NO. L V FARMS #1-3 SEC. 3 TWP. 24S RGE. 37W TEST NO. 5 DATE 6/4/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 6-4-88	TICKET	: 13871
CUSTOMER	: GLOBAL NATURAL RESOURCES CORP	LEASE	: L. V. FARMS
WELL	: #1-3 TEST: 5	GEOLOGIST	: R. MEYER
ELEVATION	: 3276 KB	FORMATION	: LANSING
SECTION	: 3	TOWNSHIP	: 24S
RANGE	: 37W COUNTY : KEARNY	STATE	: KANSAS
GAUGE SN#	: 10270 RANGE : 4150	CLOCK	: 12

INTERVAL FROM	: 4008	TO	: 4018	TOTAL DEPTH	: 4018
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 4003	SIZE	: 6.63		
PACKER DEPTH	: 4008	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: BEREDCO RIG 4		
MUD TYPE	: CHEMICAL	VISCOSITY	: 45
WEIGHT	: 8.9	WATER LOSS (CC)	: 8
CHLORIDES (PPM)	: 5400		
JARS-MAKE	: WTC	SERIAL NUMBER	: 417
DID WELL FLOW ?	: -	REVERSED OUT ?	: -

DRILL COLLAR LENGTH	: 650	FT	I.D. inch	: 2.20	
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00	
DRILL PIPE LENGTH	: 3332	FT	I.D. inch	: 3.80	
TEST TOOL LENGTH	: 26	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	: 4.5 XH	

BLOW COMMENT #1 : INITIAL FLOW-WEAK BLOW THORUGHOUT-1/4" INCREASED TO 1/2"
BLOW COMMENT #2 : FINAL FLOW-NO BLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 2 FT OF: CLEAN OIL
RECOVERED : 20 FT OF: OIL CUT MUD
3% OIL-97% MUD

Total Barrels Fluid = 0.10
Total Fluid Prod Rate = 1.65 BFPD
Indicated Oil Rate = 0.20 BOPD
Indicated Wtr Rate = 0.15 BWPD

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

SET PACKER(S) : 5:05 AM TIME STARTED OFF BOTTOM : 9:35 AM
WELL TEMPERATURE : 109

INITIAL HYDROSTATIC PRESSURE			(A)	1947	
INITIAL FLOW PERIOD	MIN:	30	(B)	34	PSI TO (C) : 34
INITIAL CLOSED IN PERIOD	MIN:	57	(D)	979	
FINAL FLOW PERIOD	MIN:	60	(E)	45	PSI TO (F) : 48
FINAL CLOSED IN PERIOD	MIN:	117	(G)	1002	
FINAL HYDROSTATIC PRESSURE			(H)	1940	

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY	:	GLOBAL NATURAL RESOURCES CORP
RIG	:	KEARNY-KANSAS
FIELD	:	L. V. FARMS
WELL	:	#1-3
DATE	:	6-4-88
GAUGE NO	:	10270

OPERATIONAL COMMENTS

COMPANY : GLOBAL NATURAL RESOURCES CORP
WELL : #1-3
GAUGE # : 10270
DATE : 4/ 6/88

FIELD : L. V. FARMS
JOB # : 13871
DEPTH : 4018
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	5: 5: 0	0.000	34.000	109.00	0.000
2	5: 9:59	0.083	34.000	109.00	0.000
3	5:15: 0	0.167	34.000	109.00	0.000
4	5:20: 0	0.250	34.000	109.00	0.000
5	5:24:59	0.333	34.000	109.00	0.000
6	5:30: 0	0.417	34.000	109.00	0.000
7	5:35: 0	0.500	34.000	109.00	0.000
8	5:38: 0	0.550	68.000	109.00	34.000
9	5:41: 0	0.600	323.000	109.00	255.000
10	5:44: 0	0.650	564.000	109.00	241.000
11	5:47: 0	0.700	669.000	109.00	105.000
12	5:50: 0	0.750	742.000	109.00	73.000
13	5:53: 0	0.800	789.000	109.00	47.000
14	5:56: 0	0.850	823.000	109.00	34.000
15	5:59: 0	0.900	849.000	109.00	26.000
16	6: 2: 0	0.950	876.000	109.00	27.000
17	6: 5: 0	1.000	894.000	109.00	18.000
18	6: 8: 0	1.050	911.000	109.00	17.000
19	6:11: 0	1.100	924.000	109.00	13.000
20	6:14: 0	1.150	935.000	109.00	11.000
21	6:17: 0	1.200	946.000	109.00	11.000
22	6:20: 0	1.250	954.000	109.00	8.000
23	6:23: 0	1.300	963.000	109.00	9.000
24	6:26: 0	1.350	971.000	109.00	8.000
25	6:29: 0	1.400	977.000	109.00	6.000
26	6:32: 0	1.450	979.000	109.00	2.000
27	6:33: 0	1.467	45.000	109.00	-934.000
28	6:36:59	1.533	45.000	109.00	0.000
29	6:42: 0	1.617	45.000	109.00	0.000
30	6:47: 0	1.700	45.000	109.00	0.000
31	6:51:59	1.783	45.000	109.00	0.000
32	6:57: 0	1.867	45.000	109.00	0.000
33	7: 2: 0	1.950	45.000	109.00	0.000
34	7: 6:59	2.033	46.000	109.00	1.000
35	7:12: 0	2.117	46.000	109.00	0.000
36	7:17: 0	2.200	46.000	109.00	0.000
37	7:21:59	2.283	46.000	109.00	0.000
38	7:27: 0	2.367	47.000	109.00	1.000
39	7:32: 0	2.450	48.000	109.00	1.000
40	7:35: 0	2.500	72.000	109.00	24.000
41	7:38: 0	2.550	258.000	109.00	186.000
42	7:41: 0	2.600	500.000	109.00	242.000
43	7:44: 0	2.650	615.000	109.00	115.000
44	7:47: 0	2.700	689.000	109.00	74.000
45	7:50: 0	2.750	736.000	109.00	47.000
46	7:53: 0	2.800	774.000	109.00	38.000
47	7:56: 0	2.850	803.000	109.00	29.000
48	7:59: 0	2.900	830.000	109.00	27.000
49	8: 2: 0	2.950	850.000	109.00	20.000
50	8: 5: 0	3.000	869.000	109.00	19.000
51	8: 8: 0	3.050	883.000	109.00	14.000
52	8:11: 0	3.100	896.000	109.00	13.000

COMPANY : GLOBAL NATURAL RESOURCES CORP
WELL : #1-3
GAUGE # : 10270
DATE : 4/ 6/88

FIELD : L. V. FARMS
JOB # : 13871
DEPTH : 4018
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	8:14: 0	3.150	908.000	109.00	12.000
54	8:17: 0	3.200	917.000	109.00	9.000
55	8:20: 0	3.250	926.000	109.00	9.000
56	8:23: 0	3.300	933.000	109.00	7.000
57	8:26: 0	3.350	939.000	109.00	6.000
58	8:29: 0	3.400	946.000	109.00	7.000
59	8:32: 0	3.450	952.000	109.00	6.000
60	8:35: 0	3.500	956.000	109.00	4.000
61	8:38: 0	3.550	962.000	109.00	6.000
62	8:41: 0	3.600	966.000	109.00	4.000
63	8:44: 0	3.650	969.000	109.00	3.000
64	8:47: 0	3.700	972.000	109.00	3.000
65	8:50: 0	3.750	975.000	109.00	3.000
66	8:53: 0	3.800	979.000	109.00	4.000
67	8:56: 0	3.850	983.000	109.00	4.000
68	8:59: 0	3.900	987.000	109.00	4.000
69	9: 2: 0	3.950	990.000	109.00	3.000
70	9: 5: 0	4.000	992.000	109.00	2.000
71	9: 8: 0	4.050	994.000	109.00	2.000
72	9:11: 0	4.100	996.000	109.00	2.000
73	9:14: 0	4.150	997.000	109.00	1.000
74	9:17: 0	4.200	998.000	109.00	1.000
75	9:20: 0	4.250	999.000	109.00	1.000
76	9:23: 0	4.300	1000.000	109.00	1.000
77	9:26: 0	4.350	1001.000	109.00	1.000
78	9:29: 0	4.400	1002.000	109.00	1.000

WESTERN TESTING CO. INC.
WICHITA-KANSAS

WELL TEST ANALYSIS REPORT
HORNER METHOD
SHUTIN No. 2

COMPANY.	GLOBAL NATURAL RESOURCES CORP
DATE	6-4-88
FIELD.	L. V. FARMS
WELL	#1-3
AREA	KEARNY-KANSAS
JOB NUMBER . . .	13871
GAUGE NUMBER . .	10270
GAUGE DEPTH. . .	4018
ZONE TESTED. . .	4008-4018

PHASE : OIL FUNCTION : PRESSURE

==========I=N=P=U=T====D=A=T=A====S=U=M=M=A=R=Y==========

THICKNESS.	H	1.0000E+01	Feet
POROSITY	POR	1.7000E-01	Frac
VISCOSITY.	U	2.4000E+00	Cp
FORMATION VOLUME FACTOR. . . .	B	1.0002E+00	Rb/stb
TOTAL COMPRESSIBILITY. . . .	.Ct	3.0000E-06	Psi^-1
WELLBORE RADIUS.	.Rw	7.8000E-01	Feet
DRAINAGE RADIUS.	.Re	8.0000E+02	Feet
RESERVOIR TEMPERATURE.	T	1.0900E+02	Deg F
GRAVITY OF FLUID	G	3.1000E+01	
PVT EVALUATION PRESSURE. . . .	P	0.0000E+00	Psig
PRESSURE AT SHUT-IN.	Pwf	4.8000E+01	Psig
FINAL RECORDED PRESSURE. . . .	.Ps	1.0020E+03	Psig
PRODUCTION RATE.	Q	1.6500E+00	Bbl/day
TOTAL FLOW TIME.	T	1.0000E+00	Hours

==========R=E=G=R=E=S=S=I=O=N====R=E=S=U=L=T=S==========

LEAST SQUARE RESULTS OVER THE INTERVAL :
FROM 1.6 TO .8

SLOPE OF THE LINE.	2.3651E+02	psi/cycle
FALSE PRESSURE, PSTAR.	1.0444E+03	psi
PRESSURE AT 1 HOUR	9.7325E+02	psi

==========A=N=A=L=Y=S=I=S========R=E=S=U=L=T=S==========

TRANSMISSIBILTY.	.Kh/u	1.1347E+00	md-ft/cp
FLOW CAPACITY.	.Kh	2.7232E+00	md-ft
PERMEABILITY to PHASE.	K	2.7232E-01	md
DAMAGE RATIO	.Dr	1.8049E+00	
RADIUS OF INVESTIGATION. .	.Rinv	1.5319E+01	ft
SKIN FACTOR.	S	2.1645E+00	
AVERAGE PRESSURE	.Pbar	1.0444E+03	psig
DIMENSIONLESS TIME	Tda	2.9212E-05	
MATTHEWS-BRONS-HAZEBROEK .	PDmbh	3.6710E-04	

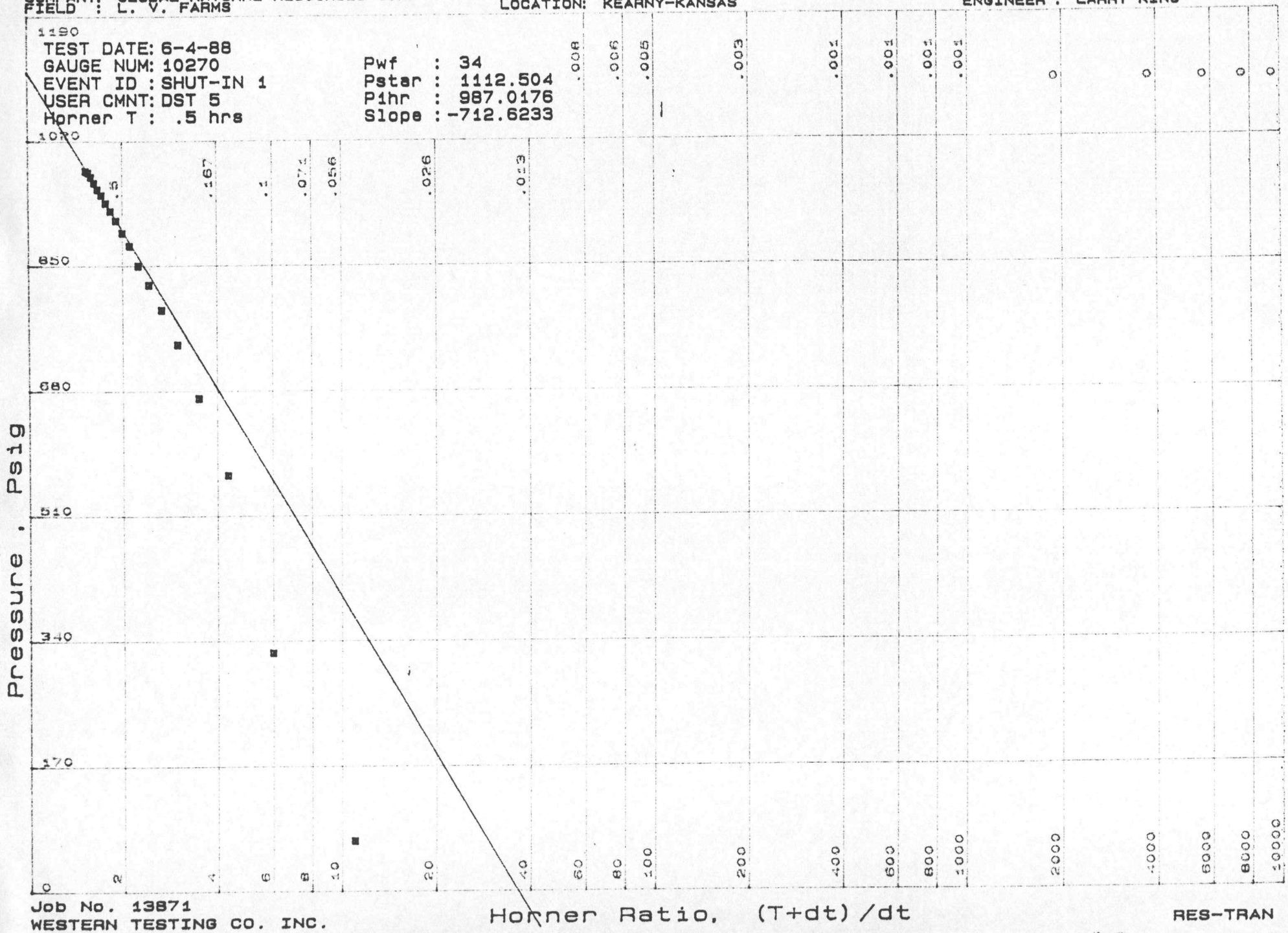
COMPANY: GLOBAL NATURAL RESOURCES CORP
FIELD : L. V. FARMS

WELL # : #1-3
LOCATION: KEARNY-KANSAS

PROCESSED: 06-07-1988
ENGINEER : LARRY KING

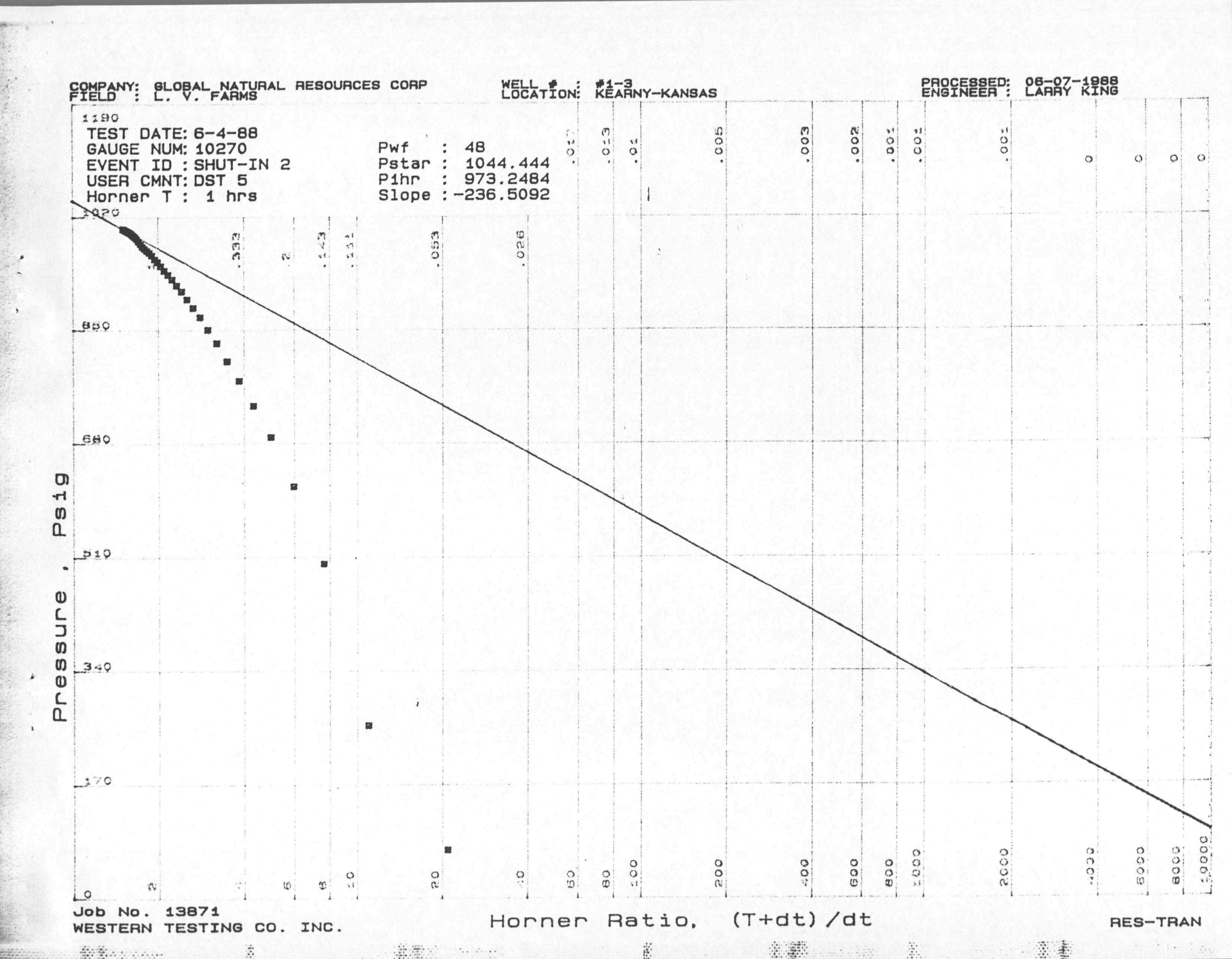
TEST DATE: 6-4-88
GAUGE NUM: 10270
EVENT ID : SHUT-IN 1
USER CMNT: DST 5
Horner T : .5 hrs

Pwf : 34
Pstar : 1112.504
P1hr : 987.0176
Slope : -712.6233



Job No. 13871
WESTERN TESTING CO. INC.

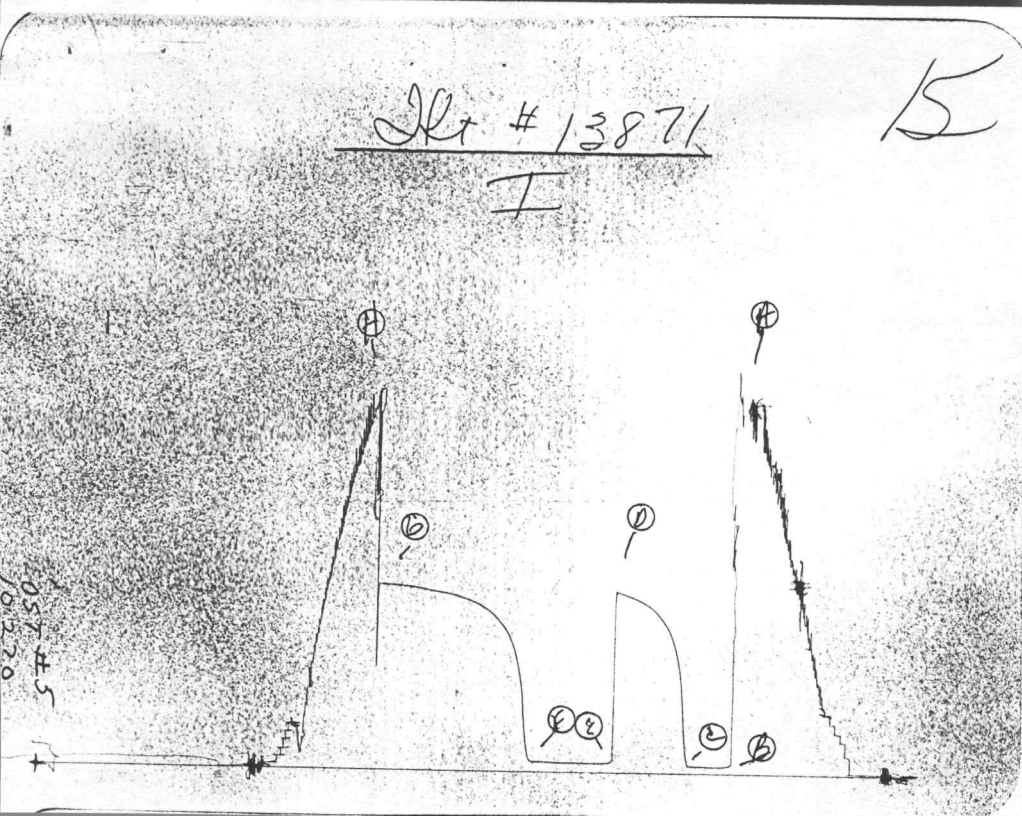
RES-TRAN


COMPANY: GLOBAL NATURAL RESOURCES CORP
FIELD : L. V. FARMS
WELL # : #1-3
LOCATION: KEARNY-KANSAS
PROCESSED: 06-07-1988
ENGINEER : LARRY KING
1190
TEST DATE: 6-4-88
GAUGE NUM: 10270
EVENT ID : SHUT-IN 2
USER CMNT: DST 5
Horner T : 1 hrs
Pwf : 48
Pstar : 1044.444
P1hr : 973.2484
Slope : -236.5092
1020
850
680
510
340
170
0
Pressure , Psig
.333
2
.143
.111
.053
.026
.013
.01
.005
.003
.002
.001
.001
.001
0
0
0
0
2
4
6
8
10
20
40
60
80
100
200
400
600
800
1000
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Horner Ratio, (T+dt)/dt
Job No. 13871
WESTERN TESTING CO. INC.
RES-TRAN

Lt #13871

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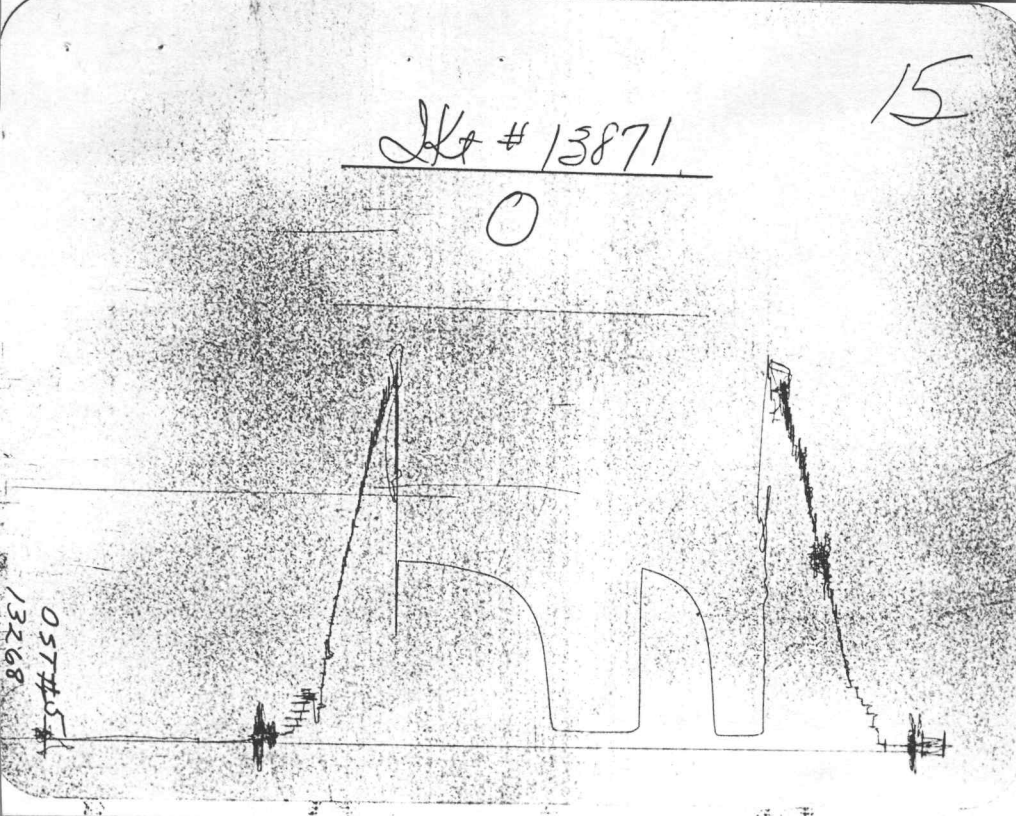
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Lk # 13871

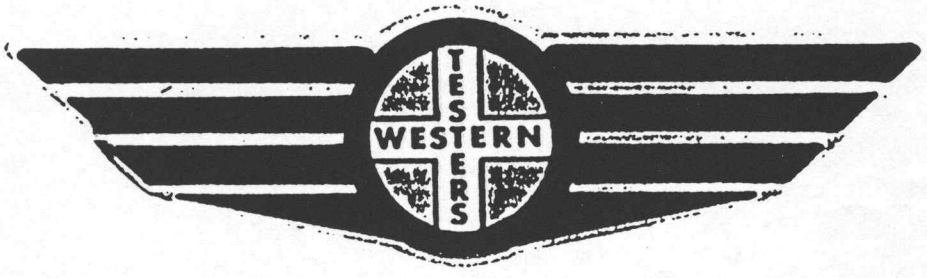
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OST #5
13268

COMPANY GLOBAL NATURAL RESOURCES CORP LEASE & WELL NO. L V FARMS #1-3 SEC. 3 TWP. 24S RGE. 37W TEST NO. 6 DATE 6/5/88

FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 6-5-88			TICKET	: 13872
CUSTOMER	: GLOBAL NATURAL RESOURCES CORP.			LEASE	: L. V. FARMS
WELL	: #1-3 TEST: 6			GEOLOGIST	: R. MEYER
ELEVATION	: 3276 KB			FORMATION	: KANSAS CITY C
SECTION	: 3			TOWNSHIP	: 24S
RANGE	: 37W	COUNTY :	KEARNY	STATE	: KANSAS
GAUGE SN#	: 10270	RANGE :	4150	CLOCK	: 12

INTERVAL FROM	: 4232	TO	: 4243	TOTAL DEPTH	: 4243
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 4227	SIZE	: 6.63		
PACKER DEPTH	: 4232	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: BEREDCO RIG 4		
MUD TYPE	: CHEMICAL	VISCOSITY	: 44
WEIGHT	: 9.1	WATER LOSS (CC)	: 8.4
CHLORIDES (PPM)	: 4900		
JARS-MAKE	: WTC	SERIAL NUMBER	: 417
DID WELL FLOW ?	:	REVERSED OUT ?	:

DRILL COLLAR LENGTH	: 650	FT	I.D. inch	: 2.20	
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00	
DRILL PIPE LENGTH	: 3556	FT	I.D. inch	: 3.80	
TEST TOOL LENGTH	: 26	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 XH	

BLOW COMMENT #1 : INITIAL FLOW-WEAK BLOW BUILDING TO STRONG IN 24 MIN.
BLOW COMMENT #2 : FINAL FLOW-WEAK BLOW BUILDING TO STRONG IN 50 MIN
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 560 FT OF: CLEAN GASSY OIL
GRAVITY 32
RECOVERED : 110 FT OF: MUDDY GASSY OIL
61% OIL-14% GAS-25% MUD

Total Barrels Fluid	=	3.34
Total Fluid Prod Rate	=	56.52 BFPD
Indicated Oil Rate	=	52.98 BOPD
Indicated Wtr Rate	=	0.24 BWPD
Corrected Oil Rate	=	51.33 BOPD
Corrected Wtr Rate	=	0.23 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 90 FEET OF GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 11:05 AM TIME STARTED OFF BOTTOM : 3:35 PM
WELL TEMPERATURE : 114

INITIAL HYDROSTATIC PRESSURE			(A)	2082		
INITIAL FLOW PERIOD	MIN:	30	(B)	45	PSI TO (C) :	124
INITIAL CLOSED IN PERIOD	MIN:	60	(D)	1110		
FINAL FLOW PERIOD	MIN:	55	(E)	154	PSI TO (F) :	273
FINAL CLOSED IN PERIOD	MIN:	117	(G)	1112		
FINAL HYDROSTATIC PRESSURE			(H)	2082		

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY	: GLOBAL NATURAL RESOURCES CORP.
RIG	: KEARNY-KANSAS
FIELD	: L. V. FARMS
WELL	: #1-3
DATE	: 6-5-88
GAUGE NO	: 10270

OPERATIONAL COMMENTS

RECOVERED 90 FEET OF GAS ABOVE FLUID.

COMPANY : GLOBAL NATURAL RESOURCES CORP.

FIELD : L. V. FARMS

WELL : #1-3
GAUGE # : 10270
DATE : 5/ 6/88

JOB # : 13872
DEPTH : 4243
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	11: 5: 0	0.000	45.000	114.00	0.000
2	11: 9:59	0.083	46.000	114.00	1.000
3	11:15: 0	0.167	59.000	114.00	13.000
4	11:20: 0	0.250	80.000	114.00	21.000
5	11:24:59	0.333	97.000	114.00	17.000
6	11:30: 0	0.417	113.000	114.00	16.000
7	11:35: 0	0.500	124.000	114.00	11.000
8	11:38: 0	0.550	965.000	114.00	841.000
9	11:41: 0	0.600	1009.000	114.00	44.000
10	11:44: 0	0.650	1039.000	114.00	30.000
11	11:47: 0	0.700	1052.000	114.00	13.000
12	11:50: 0	0.750	1065.000	114.00	13.000
13	11:53: 0	0.800	1073.000	114.00	8.000
14	11:56: 0	0.850	1079.000	114.00	6.000
15	11:59: 0	0.900	1083.000	114.00	4.000
16	12: 2: 0	0.950	1089.000	114.00	6.000
17	12: 5: 0	1.000	1095.000	114.00	6.000
18	12: 8: 0	1.050	1097.000	114.00	2.000
19	12:11: 0	1.100	1102.000	114.00	5.000
20	12:14: 0	1.150	1104.000	114.00	2.000
21	12:17: 0	1.200	1105.000	114.00	1.000
22	12:20: 0	1.250	1106.000	114.00	1.000
23	12:23: 0	1.300	1107.000	114.00	1.000
24	12:26: 0	1.350	1108.000	114.00	1.000
25	12:29: 0	1.400	1109.000	114.00	1.000
26	12:32: 0	1.450	1110.000	114.00	1.000
27	12:35: 0	1.500	1110.000	114.00	0.000
28	12:36: 0	1.517	154.000	114.00	-956.000
29	12:39:59	1.583	154.000	114.00	0.000
30	12:45: 0	1.667	165.000	114.00	11.000
31	12:50: 0	1.750	182.000	114.00	17.000
32	12:54:59	1.833	198.000	114.00	16.000
33	13: 0: 0	1.917	219.000	114.00	21.000
34	13: 5: 0	2.000	234.000	114.00	15.000
35	13: 9:59	2.083	250.000	114.00	16.000
36	13:15: 0	2.167	256.000	114.00	6.000
37	13:20: 0	2.250	260.000	114.00	4.000
38	13:24:59	2.333	265.000	114.00	5.000
39	13:30: 0	2.417	273.000	114.00	8.000
40	13:33: 0	2.467	907.000	114.00	634.000
41	13:36: 0	2.517	974.000	114.00	67.000
42	13:39: 0	2.567	1004.000	114.00	30.000
43	13:42: 0	2.617	1023.000	114.00	19.000
44	13:45: 0	2.667	1034.000	114.00	11.000
45	13:48: 0	2.717	1046.000	114.00	12.000
46	13:51: 0	2.767	1054.000	114.00	8.000
47	13:54: 0	2.817	1060.000	114.00	6.000
48	13:57: 0	2.867	1063.000	114.00	3.000
49	14: 0: 0	2.917	1067.000	114.00	4.000
50	14: 3: 0	2.967	1070.000	114.00	3.000
51	14: 6: 0	3.017	1073.000	114.00	3.000
52	14: 9: 0	3.067	1076.000	114.00	3.000

COMPANY : GLOBAL NATURAL RESOURCES CORP.

FIELD : L. V. FARMS

WELL : #1-3
GAUGE # : 10270
DATE : 5/ 6/88

JOB # : 13872
DEPTH : 4243
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	14:12: 0	3.117	1079.000	114.00	3.000
54	14:15: 0	3.167	1082.000	114.00	3.000
55	14:18: 0	3.217	1085.000	114.00	3.000
56	14:21: 0	3.267	1087.000	114.00	2.000
57	14:24: 0	3.317	1089.000	114.00	2.000
58	14:27: 0	3.367	1092.000	114.00	3.000
59	14:30: 0	3.417	1095.000	114.00	3.000
60	14:33: 0	3.467	1097.000	114.00	2.000
61	14:36: 0	3.517	1099.000	114.00	2.000
62	14:39: 0	3.567	1100.000	114.00	1.000
63	14:42: 0	3.617	1101.000	114.00	1.000
64	14:45: 0	3.667	1101.000	114.00	0.000
65	14:48: 0	3.717	1102.000	114.00	1.000
66	14:51: 0	3.767	1102.000	114.00	0.000
67	14:54: 0	3.817	1103.000	114.00	1.000
68	14:57: 0	3.867	1103.000	114.00	0.000
69	15: 0: 0	3.917	1104.000	114.00	1.000
70	15: 3: 0	3.967	1105.000	114.00	1.000
71	15: 6: 0	4.017	1106.000	114.00	1.000
72	15: 9: 0	4.067	1107.000	114.00	1.000
73	15:12: 0	4.117	1108.000	114.00	1.000
74	15:15: 0	4.167	1109.000	114.00	1.000
75	15:18: 0	4.217	1110.000	114.00	1.000
76	15:21: 0	4.267	1111.000	114.00	1.000
77	15:24: 0	4.317	1112.000	114.00	1.000
78	15:27: 0	4.367	1112.000	114.00	0.000

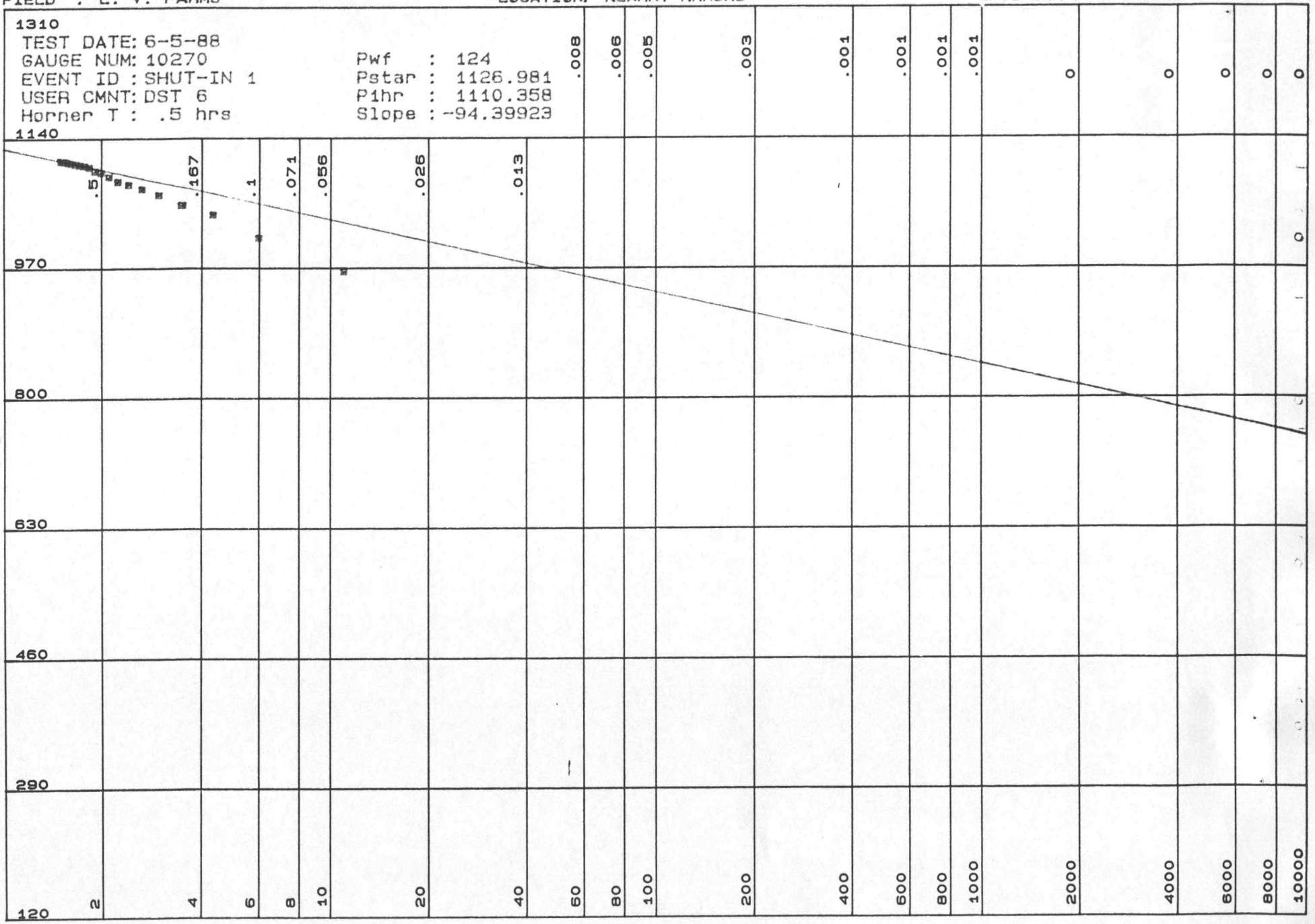
COMPANY: GLOBAL NATURAL RESOURCES CORP.
FIELD : L. V. FARMS

WELL # : #1-3
LOCATION: KEARNY-KANSAS

PROCESSED: 06-09-1988
ENGINEER : LARRY KING

TEST DATE: 6-5-88
GAUGE NUM: 10270
EVENT ID : SHUT-IN 1
USER CMNT: DST 6
Horner T : .5 hrs

Pwf : 124
Pstar : 1126.981
P1hr : 1110.358
Slope : -94.39923



Job No. 13872
WESTERN TESTING CO. INC.

RES-TRAN

WESTERN TESTING CO. INC.
WICHITA-KANSAS

WELL TEST ANALYSIS REPORT
HORNER METHOD
SHUTIN No. 2

COMPANY. . . . . GLOBAL NATURAL RESOURCES CORP.
DATE 6-5-88
FIELD. . . . . L. V. FARMS
WELL . . . . . #1-3
AREA . . . . . KEARNY-KANSAS
JOB NUMBER . . . 13872
GAUGE NUMBER . . 10270
GAUGE DEPTH. . . 4243
ZONE TESTED. . . 4232-4243

PHASE : OIL FUNCTION : PRESSURE

==========I=N=P=U=T====D=A=T=A====S=U=M=M=A=R=Y==========

THICKNESS.	H	1.1000E+01	Feet
POROSITY	POR	1.7000E-01	Frac
VISCOSITY.	U	2.4000E+00	Cp
FORMATION VOLUME FACTOR. . . .	B	1.0005E+00	Rb/stb
TOTAL COMPRESSIBILITY. . . .	Ct	2.1000E-05	Psi^-1
WELLBORE RADIUS.	Rw	7.8000E-01	Feet
DRAINAGE RADIUS.	Re	1.5000E+03	Feet
RESERVOIR TEMPERATURE.	T	1.1400E+02	Deg F
GRAVITY OF FLUID	G	3.2000E+01	
PVT EVALUATION PRESSURE. . . .	P	0.0000E+00	Psig
PRESSURE AT SHUT-IN.	Pwf	2.7300E+02	Psig
FINAL RECORDED PRESSURE. . . .	Ps	1.1120E+03	Psig
PRODUCTION RATE.	Q	5.6520E+01	Bbl/day
TOTAL FLOW TIME.	T	9.1700E-01	Hours

==========R=E=G=R=E=S=S=I=O=N====R=E=S=U=L=T=S==========

LEAST SQUARE RESULTS OVER THE INTERVAL :
FROM 1.8 TO 1

SLOPE OF THE LINE.	1.4478E+02	psi/cycle
FALSE PRESSURE, PSTAR.	1.1354E+03	psi
PRESSURE AT 1 HOUR	1.0944E+03	psi

==========A=N=A=L=Y=S=I=S========R=E=S=U=L=T=S==========

TRANSMISSIBILTY.	Kh/u	6.3510E+01	md-ft/cp
FLOW CAPACITY.	Kh	1.5242E+02	md-ft
PERMEABILITY to PHASE.	K	1.3857E+01	md
DAMAGE RATIO	Dr	1.8857E+00	
RADIUS OF INVESTIGATION. .	Rinv	3.9552E+01	ft
SKIN FACTOR.	S	3.2230E+00	
AVERAGE PRESSURE	Pbar	1.1353E+03	psig
DIMENSIONLESS TIME	Tda	5.5389E-05	
MATTHEWS-BRONS-HAZEBROEK .	PDmbh	6.9603E-04	

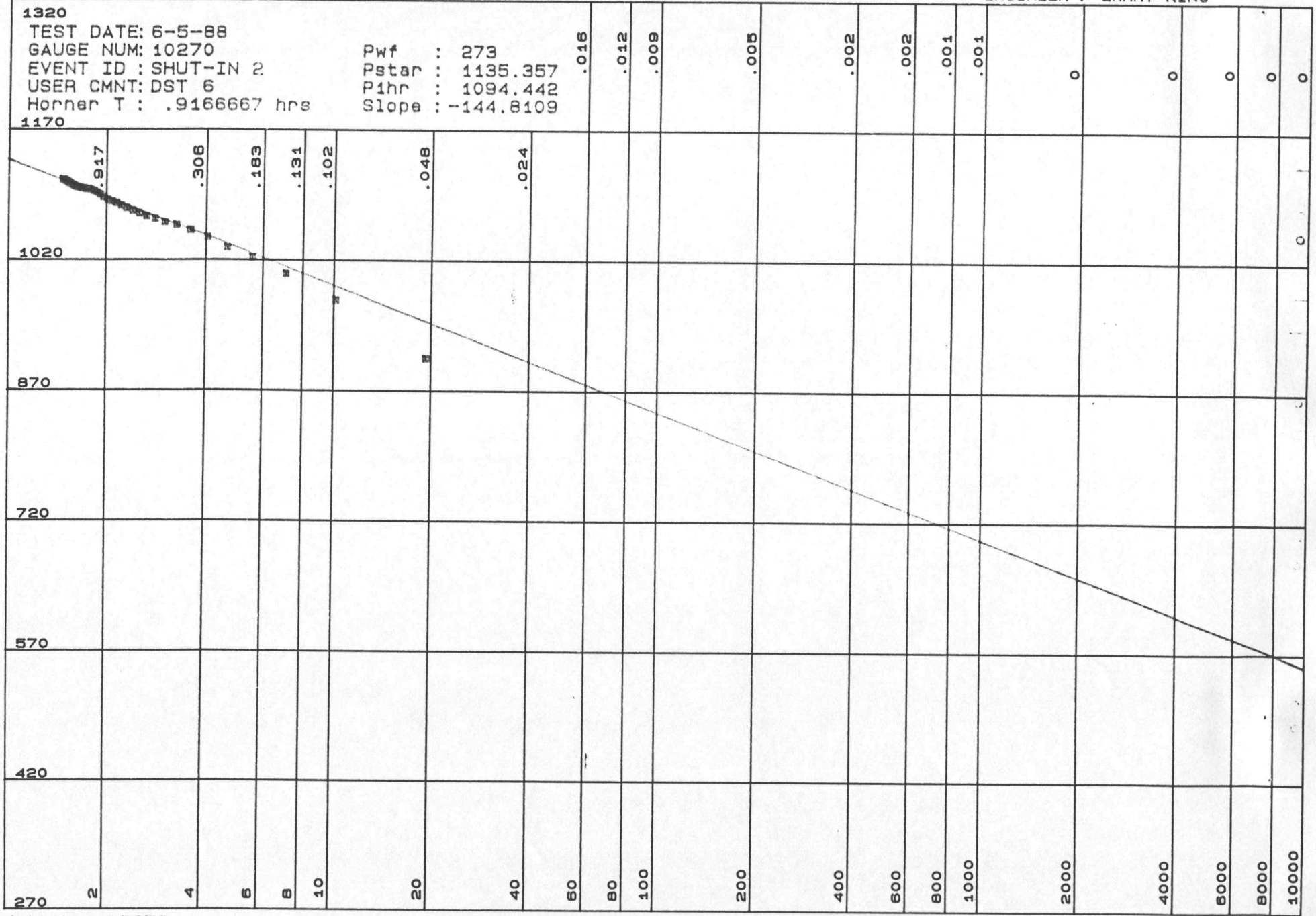
COMPANY: GLOBAL NATURAL RESOURCES CORP.
FIELD : L. V. FARMS

WELL # : #1-3
LOCATION: KEARNY-KANSAS

PROCESSED: 06-09-1988
ENGINEER : LARRY KING

TEST DATE: 6-5-88
GAUGE NUM: 10270
EVENT ID : SHUT-IN 2
USER CMNT: DST 6
Horner T : .9166667 hrs

Pwf : 273
Pstar : 1135.357
P1hr : 1094.442
Slope : -144.8109

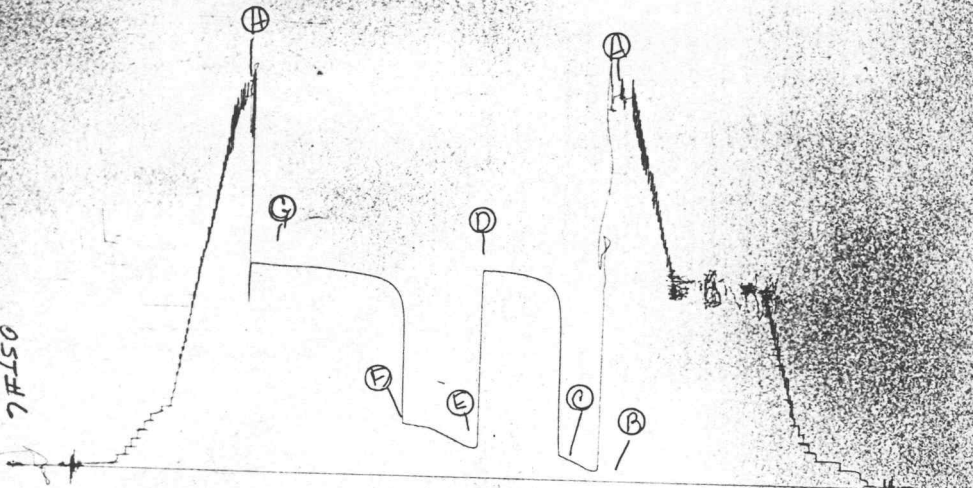


Job No. 13872
WESTERN TESTING CO. INC.

Horner Ratio, (T+dt) /dt

RES-TRAN

IR# 13872
I



OSTHL
10270

FTK#13872

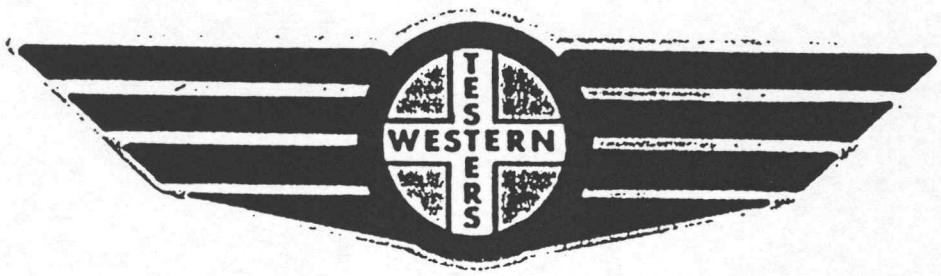
O

OST#4

13268

COMPANY GLOBAL NATURAL RESOURCES CORP LEASE & WELL NO. L V FARMS #1-3 SEC. 3 TWP. 24S RGE. 37WTEST NO. 7 DATE 6/7/88

FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 6-7-88			TICKET	: 13873
CUSTOMER	: GLOBAL NATURAL RESOURCES CORP			LEASE	: L. V. FARMS
WELL	: #1-3 TEST: 7			GEOLOGIST	: T HEDRICK
ELEVATION	: 3276 KB			FORMATION	: ATOKA
SECTION	: 3			TOWNSHIP	: 24S
RANGE	: 37W	COUNTY :	KEARNY	STATE	: KANSAS
GAUGE SN#	: 10270	RANGE :	4150	CLOCK	: 12

INTERVAL FROM	: 4562	TO	: 4610	TOTAL DEPTH	: 4610
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 4557	SIZE	: 6.63		
PACKER DEPTH	: 4562	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: BEREDCO RIG 4		
MUD TYPE	: CHEMICAL	VISCOSITY	: 45
WEIGHT	: 9.2	WATER LOSS (CC)	: 8.6
CHLORIDES (PPM)	: 3400		
JARS-MAKE	: WTC	SERIAL NUMBER	: 417
DID WELL FLOW ?	: -	REVERSED OUT ?	: -

DRILL COLLAR LENGTH	: 620	FT	I.D. inch	: 2.20	
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00	
DRILL PIPE LENGTH	: 3916	FT	I.D. inch	: 3.80	
TEST TOOL LENGTH	: 26	FT	TOOL SIZE	: 5.50	
ANCHOR LENGTH	: 48	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-VERY WEAK SURFACE BLOW THROUGHOUT
BLOW COMMENT #2 : FINAL FLOW-NO BLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 20 FT OF: MUD / WITH SHOW OF OIL ON TOP OF TOOL

Total Barrels Fluid = 0.09
Total Fluid Prod Rate = 1.50 BFPD
Indicated Wtr Rate = 0.15 BWPD

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

SET PACKER(S) : 6:15 AM TIME STARTED OFF BOTTOM : 10:45 AM
WELL TEMPERATURE : 117

INITIAL HYDROSTATIC PRESSURE			(A)	2256	
INITIAL FLOW PERIOD	MIN:	30	(B)	35	PSI TO (C) : 38
INITIAL CLOSED IN PERIOD	MIN:	57	(D)	1132	
FINAL FLOW PERIOD	MIN:	60	(E)	45	PSI TO (F) : 50
FINAL CLOSED IN PERIOD	MIN:	117	(G)	1122	
FINAL HYDROSTATIC PRESSURE			(H)	2218	

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY	: GLOBAL NATURAL RESOURCES CORP
RIG	: KEARNY-KANSAS
FIELD	: L. V. FARMS
WELL	: #1-3
DATE	: 6-7-88
GAUGE NO	: 10270

OPERATIONAL COMMENTS

COMPANY : GLOBAL NATURAL RESOURCES CORP FIELD : L. V.-FARMS
WELL : #1-3 JOB # : 13873
GAUGE # : 10270 DEPTH : 4610
DATE : 7/ 6/88 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	6:15: 0	0.000	35.000	117.00	0.000
2	6:19:59	0.083	35.000	117.00	0.000
3	6:25: 0	0.167	35.000	117.00	0.000
4	6:30: 0	0.250	35.000	117.00	0.000
5	6:34:59	0.333	36.000	117.00	1.000
6	6:40: 0	0.417	37.000	117.00	1.000
7	6:45: 0	0.500	38.000	117.00	1.000
8	6:48: 0	0.550	100.000	117.00	62.000
9	6:51: 0	0.600	408.000	117.00	308.000
10	6:54: 0	0.650	720.000	117.00	312.000
11	6:57: 0	0.700	884.000	117.00	164.000
12	7: 0: 0	0.750	949.000	117.00	65.000
13	7: 3: 0	0.800	985.000	117.00	36.000
14	7: 6: 0	0.850	1019.000	117.00	34.000
15	7: 9: 0	0.900	1040.000	117.00	21.000
16	7:12: 0	0.950	1057.000	117.00	17.000
17	7:15: 0	1.000	1069.000	117.00	12.000
18	7:18: 0	1.050	1081.000	117.00	12.000
19	7:21: 0	1.100	1092.000	117.00	11.000
20	7:24: 0	1.150	1102.000	117.00	10.000
21	7:27: 0	1.200	1108.000	117.00	6.000
22	7:30: 0	1.250	1115.000	117.00	7.000
23	7:33: 0	1.300	1121.000	117.00	6.000
24	7:36: 0	1.350	1124.000	117.00	3.000
25	7:39: 0	1.400	1128.000	117.00	4.000
26	7:42: 0	1.450	1132.000	117.00	4.000
27	7:43: 0	1.467	45.000	117.00	-1087.000
28	7:46:59	1.533	45.000	117.00	0.000
29	7:52: 0	1.617	45.000	117.00	0.000
30	7:57: 0	1.700	45.000	117.00	0.000
31	8: 1:59	1.783	45.000	117.00	0.000
32	8: 7: 0	1.867	46.000	117.00	1.000
33	8:12: 0	1.950	48.000	117.00	2.000
34	8:16:59	2.033	50.000	117.00	2.000
35	8:22: 0	2.117	50.000	117.00	0.000
36	8:27: 0	2.200	50.000	117.00	0.000
37	8:31:59	2.283	50.000	117.00	0.000
38	8:37: 0	2.367	50.000	117.00	0.000
39	8:42: 0	2.450	50.000	117.00	0.000
40	8:45: 0	2.500	58.000	117.00	8.000
41	8:48: 0	2.550	100.000	117.00	42.000
42	8:51: 0	2.600	209.000	117.00	109.000
43	8:54: 0	2.650	409.000	117.00	200.000
44	8:57: 0	2.700	633.000	117.00	224.000
45	9: 0: 0	2.750	770.000	117.00	137.000
46	9: 3: 0	2.800	855.000	117.00	85.000
47	9: 6: 0	2.850	911.000	117.00	56.000
48	9: 9: 0	2.900	944.000	117.00	33.000
49	9:12: 0	2.950	971.000	117.00	27.000
50	9:15: 0	3.000	990.000	117.00	19.000
51	9:18: 0	3.050	1002.000	117.00	12.000
52	9:21: 0	3.100	1016.000	117.00	14.000

COMPANY : GLOBAL NATURAL RESOURCES CORP
WELL : #1-3
GAUGE # : 10270
DATE : 7/ 6/88

FIELD : L. V. FARMS
JOB # : 13873
DEPTH : 4610
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	9:24: 0	3.150	1028.000	117.00	12.000
54	9:27: 0	3.200	1035.000	117.00	7.000
55	9:30: 0	3.250	1040.000	117.00	5.000
56	9:33: 0	3.300	1048.000	117.00	8.000
57	9:36: 0	3.350	1055.000	117.00	7.000
58	9:39: 0	3.400	1060.000	117.00	5.000
59	9:42: 0	3.450	1065.000	117.00	5.000
60	9:45: 0	3.500	1070.000	117.00	5.000
61	9:48: 0	3.550	1078.000	117.00	8.000
62	9:51: 0	3.600	1082.000	117.00	4.000
63	9:54: 0	3.650	1086.000	117.00	4.000
64	9:57: 0	3.700	1090.000	117.00	4.000
65	10: 0: 0	3.750	1094.000	117.00	4.000
66	10: 3: 0	3.800	1098.000	117.00	4.000
67	10: 6: 0	3.850	1100.000	117.00	2.000
68	10: 9: 0	3.900	1102.000	117.00	2.000
69	10:12: 0	3.950	1104.000	117.00	2.000
70	10:15: 0	4.000	1106.000	117.00	2.000
71	10:18: 0	4.050	1108.000	117.00	2.000
72	10:21: 0	4.100	1110.000	117.00	2.000
73	10:24: 0	4.150	1112.000	117.00	2.000
74	10:27: 0	4.200	1114.000	117.00	2.000
75	10:30: 0	4.250	1116.000	117.00	2.000
76	10:33: 0	4.300	1118.000	117.00	2.000
77	10:36: 0	4.350	1120.000	117.00	2.000
78	10:39: 0	4.400	1122.000	117.00	2.000

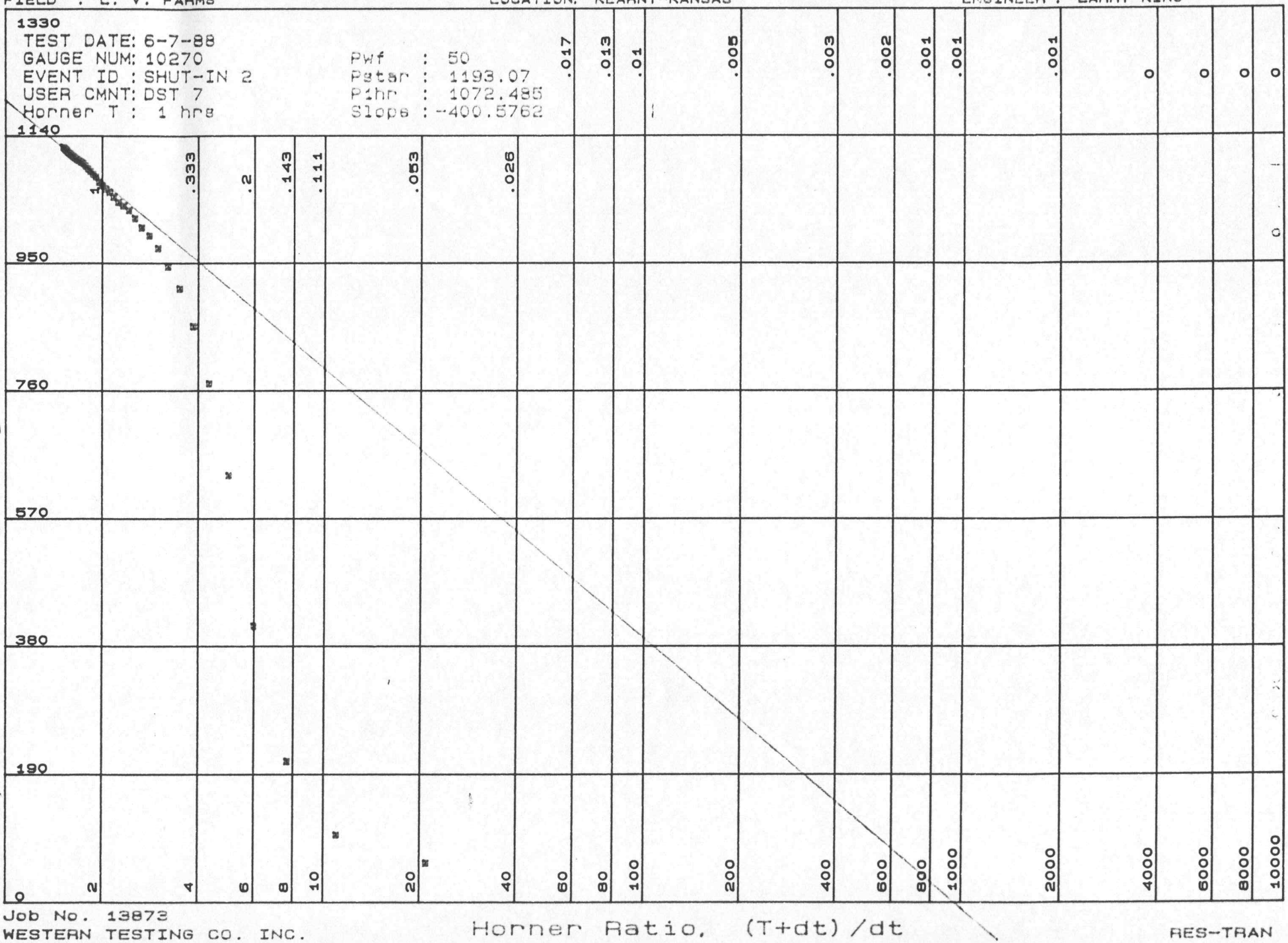
COMPANY: GLOBAL NATURAL RESOURCES CORP
FIELD : L. V. FARMS

WELL # : #1-3
LOCATION: KEARNY-KANSAS

PROCESSED: 06-09-1988
ENGINEER : LARRY KING

TEST DATE: 6-7-88
GAUGE NUM: 10270
EVENT ID : SHUT-IN 2
USER CMNT: DST 7
Horner T : 1 hrs

Pwf : 50
Pstar : 1193.07
P1hr : 1072.485
Slope : -400.5762



Job No. 13873
WESTERN TESTING CO. INC.

RES-TRAN

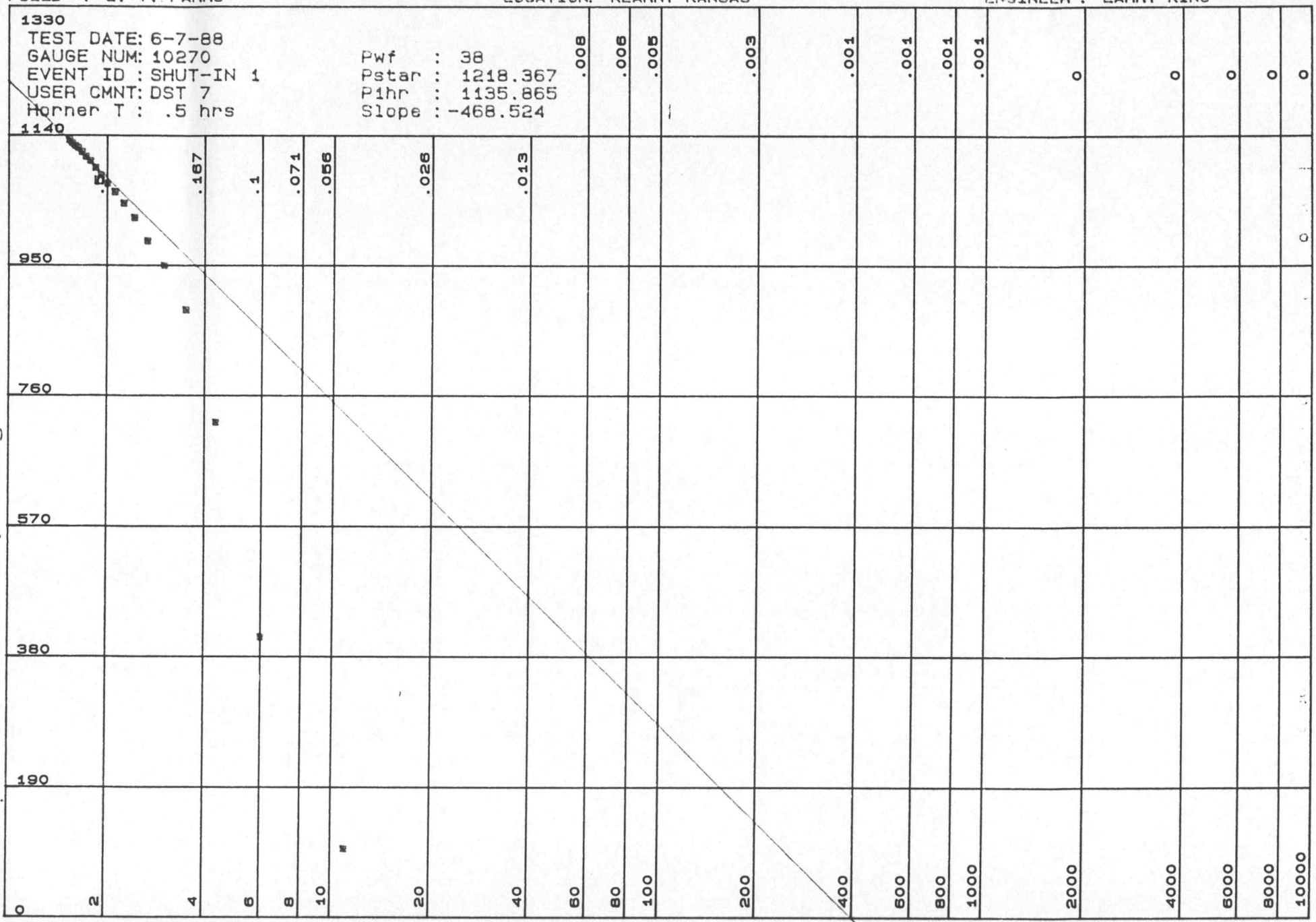
COMPANY: GLOBAL NATURAL RESOURCES CORP
FIELD : L. V. FARMS

WELL # : #1-3
LOCATION: KEARNY-KANSAS

PROCESSED: 06-09-1988
ENGINEER : LARRY KING

TEST DATE: 6-7-88
GAUGE NUM: 10270
EVENT ID : SHUT-IN 1
USER CMNT: DST 7
Horner T : .5 hrs

Pwf : 38
Pstar : 1218.367
P1hr : 1135.865
Slope : -468.524

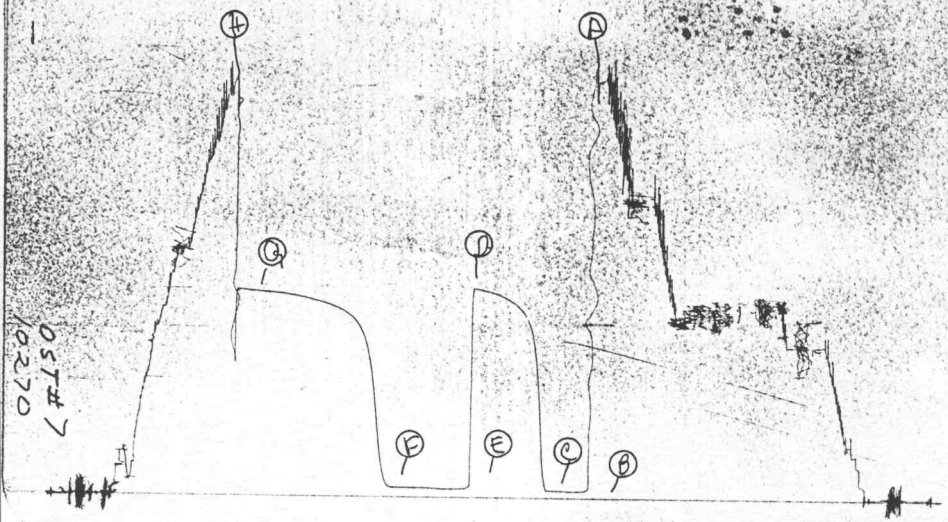


Job No. 13873
WESTERN TESTING CO. INC.

RES-TRAN

TK#13873

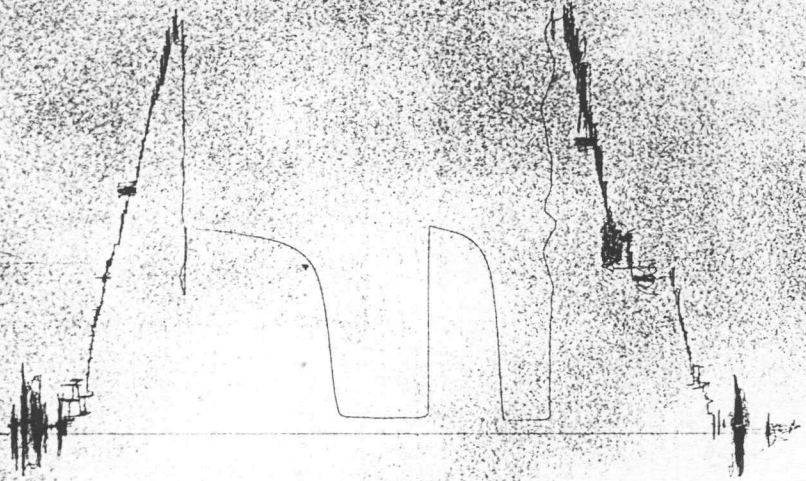
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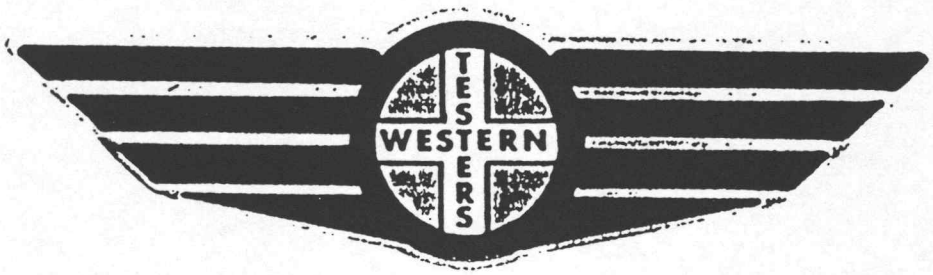
DST#1
10270

TR#13873

0



FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

COMPANY GLOBAL NATURAL RESOURCES CORP LEASE & WELL NO. L V FARMS #1-3 SEC. 3 TWP. 24S RGE. 37W TEST NO. 8 DATE 6/8/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 6-8-88			TICKET	: 13874
CUSTOMER	: GLOBAL NATURAL RESOURCES CORP			LEASE	: L. V. FARMS
WELL	: #1-3 TEST: 8			GEOLOGIST	: R. MEYER
ELEVATION	: 3276 KB			FORMATION	: MORROW
SECTION	: 3			TOWNSHIP	: 24S
RANGE	: 37W	COUNTY	: KEARNY	STATE	: KANSAS
GAUGE SN#	: 10270	RANGE	: 4150	CLOCK	: 12

INTERVAL FROM	: 4708	TO	: 4772	TOTAL DEPTH	: 4772
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 4703	SIZE	: 6.63		
PACKER DEPTH	: 4708	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: BEREDCO RIG 4		
MUD TYPE	: CHEMICAL	VISCOSITY	: 47
WEIGHT	: 9.1	WATER LOSS (CC)	: 8
CHLORIDES (PPM)	: 3000		
JARS-MAKE	: WTC	SERIAL NUMBER	: 417
DID WELL FLOW ?	:	REVERSED OUT ?	:

DRILL COLLAR LENGTH	: 620	FT	I.D. inch	: 2.20	
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00	
DRILL PIPE LENGTH	: 4062	FT	I.D. inch	: 3.80	
TEST TOOL LENGTH	: 26	FT	TOOL SIZE	: 5.50	
ANCHOR LENGTH	: 64	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 THROUGHOUT. --
BLOW COMMENT #2 : FINAL FLOW-STRONG BLOW THROUGHOUT.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 60 FT OF: CLEAN OIL
RECOVERED : 280 FT OF: OIL & GAS CUT MUDDY WATER
20% OIL-10% GAS-30% MUD-40% WTR
RECOVERED : 465 FT OF: OIL CUT WATER
20% OIL-80% WATER
RECOVERED : 275 FT OF: WATER / WITH SCUM OF OIL
RECOVERED : 1110 FT OF: WATER
CHLORIDES: 77000 PPM
RESISTIVITY.06 @ 97 DEG.F.

Total Barrels Fluid = 24.94
Total Fluid Prod Rate = 398.98 BFPD
Indicated Oil Rate = 38.62 BOPD
Indicated Wtr Rate = 339.41 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 370 FEET OF GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 11:00 AM TIME STARTED OFF BOTTOM : 3:30 PM
WELL TEMPERATURE : 120

INITIAL HYDROSTATIC PRESSURE			(A)	2360	
INITIAL FLOW PERIOD	MIN:	30	(B)	770	PSI TO (C) : 1077
INITIAL CLOSED IN PERIOD	MIN:	57	(D)	1127	
FINAL FLOW PERIOD	MIN:	60	(E)	1117	PSI TO (F) : 1136
FINAL CLOSED IN PERIOD	MIN:	114	(G)	1146	
FINAL HYDROSTATIC PRESSURE			(H)	2292	

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY	:	GLOBAL NATURAL RESOURCES CORP
RIG	:	KEARNY-KANSAS
FIELD	:	L. V. FARMS
WELL	:	#1-3
DATE	:	6-8-88
GAUGE NO	:	10270

OPERATIONAL COMMENTS

RECOVERED 370 FEET OF GAS ABOVE FLUID.

COMPANY : GLOBAL NATURAL RESOURCES CORP
WELL : #1-3
GAUGE # : 10270
DATE : 8/ 6/88

FIELD : L. V. FARMS
JOB # : 13874
DEPTH : 4772
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	11: 0: 0	0.000	770.000	120.00	0.000
2	11: 4:59	0.083	814.000	120.00	44.000
3	11:10: 0	0.167	892.000	120.00	78.000
4	11:15: 0	0.250	956.000	120.00	64.000
5	11:19:59	0.333	1006.000	120.00	50.000
6	11:25: 0	0.417	1053.000	120.00	47.000
7	11:30: 0	0.500	1077.000	120.00	24.000
8	11:33: 0	0.550	1106.000	120.00	29.000
9	11:36: 0	0.600	1112.000	120.00	6.000
10	11:39: 0	0.650	1117.000	120.00	5.000
11	11:42: 0	0.700	1117.000	120.00	0.000
12	11:45: 0	0.750	1118.000	120.00	1.000
13	11:48: 0	0.800	1119.000	120.00	1.000
14	11:51: 0	0.850	1120.000	120.00	1.000
15	11:54: 0	0.900	1121.000	120.00	1.000
16	11:57: 0	0.950	1122.000	120.00	1.000
17	12: 0: 0	1.000	1123.000	120.00	1.000
18	12: 2:59	1.050	1124.000	120.00	1.000
19	12: 6: 0	1.100	1125.000	120.00	1.000
20	12: 9: 0	1.150	1126.000	120.00	1.000
21	12:12: 0	1.200	1126.000	120.00	0.000
22	12:15: 0	1.250	1126.000	120.00	0.000
23	12:18: 0	1.300	1127.000	120.00	1.000
24	12:21: 0	1.350	1127.000	120.00	0.000
25	12:24: 0	1.400	1127.000	120.00	0.000
26	12:27: 0	1.450	1127.000	120.00	0.000
27	12:28: 0	1.467	1117.000	120.00	-10.000
28	12:31:59	1.533	1121.000	120.00	4.000
29	12:37: 0	1.617	1124.000	120.00	3.000
30	12:42: 0	1.700	1127.000	120.00	3.000
31	12:46:59	1.783	1130.000	120.00	3.000
32	12:52: 0	1.867	1133.000	120.00	3.000
33	12:57: 0	1.950	1135.000	120.00	2.000
34	13: 1:59	2.033	1135.000	120.00	0.000
35	13: 7: 0	2.117	1135.000	120.00	0.000
36	13:12: 0	2.200	1136.000	120.00	1.000
37	13:16:59	2.283	1136.000	120.00	0.000
38	13:22: 0	2.367	1136.000	120.00	0.000
39	13:27: 0	2.450	1136.000	120.00	0.000
40	13:30: 0	2.500	1136.000	120.00	0.000
41	13:33: 0	2.550	1137.000	120.00	1.000
42	13:36: 0	2.600	1137.000	120.00	0.000
43	13:39: 0	2.650	1138.000	120.00	1.000
44	13:42: 0	2.700	1138.000	120.00	0.000
45	13:45: 0	2.750	1139.000	120.00	1.000
46	13:48: 0	2.800	1139.000	120.00	0.000
47	13:51: 0	2.850	1140.000	120.00	1.000
48	13:54: 0	2.900	1140.000	120.00	0.000
49	13:57: 0	2.950	1140.000	120.00	0.000
50	14: 0: 0	3.000	1140.000	120.00	0.000
51	14: 3: 0	3.050	1141.000	120.00	1.000
52	14: 6: 0	3.100	1141.000	120.00	0.000

COMPANY : GLOBAL NATURAL RESOURCES CORP FIELD : L. V. FARMS
WELL : #1-3 JOB # : 13874
GAUGE # : 10270 DEPTH : 4772
DATE : 8/ 6/88 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	14: 9: 0	3.150	1141.000	120.00	0.000
54	14:12: 0	3.200	1141.000	120.00	0.000
55	14:15: 0	3.250	1142.000	120.00	1.000
56	14:18: 0	3.300	1142.000	120.00	0.000
57	14:21: 0	3.350	1142.000	120.00	0.000
58	14:24: 0	3.400	1142.000	120.00	0.000
59	14:27: 0	3.450	1142.000	120.00	0.000
60	14:30: 0	3.500	1142.000	120.00	0.000
61	14:33: 0	3.550	1143.000	120.00	1.000
62	14:36: 0	3.600	1143.000	120.00	0.000
63	14:39: 0	3.650	1143.000	120.00	0.000
64	14:42: 0	3.700	1143.000	120.00	0.000
65	14:45: 0	3.750	1143.000	120.00	0.000
66	14:48: 0	3.800	1143.000	120.00	0.000
67	14:51: 0	3.850	1144.000	120.00	1.000
68	14:54: 0	3.900	1144.000	120.00	0.000
69	14:57: 0	3.950	1144.000	120.00	0.000
70	15: 0: 0	4.000	1144.000	120.00	0.000
71	15: 3: 0	4.050	1145.000	120.00	1.000
72	15: 6: 0	4.100	1145.000	120.00	0.000
73	15: 9: 0	4.150	1145.000	120.00	0.000
74	15:11:59	4.200	1145.000	120.00	0.000
75	15:15: 0	4.250	1146.000	120.00	1.000
76	15:18: 0	4.300	1146.000	120.00	0.000
77	15:21: 0	4.350	1146.000	120.00	0.000

WESTERN TESTING CO. INC.
WICHITA-KANSAS

WELL TEST ANALYSIS REPORT
HORNER METHOD
SHUTIN No. 2

COMPANY.	GLOBAL NATURAL RESOURCES CORP
DATE	6-8-88
FIELD.	L. V. FARMS
WELL	#1-3
AREA	KEARNY-KANSAS
JOB NUMBER . . .	13874
GAUGE NUMBER . .	10270
GAUGE DEPTH. . .	4772
ZONE TESTED. . .	4708-4772

PHASE : OIL FUNCTION : PRESSURE

==========I=N=P=U=T====D=A=T=A====S=U=M=M=A=R=Y==========

THICKNESS.	H	1.0000E+01	Feet
POROSITY	POR	1.7000E-01	Frac
VISCOSITY.	U	2.4000E+00	Cp
FORMATION VOLUME FACTOR. . . .	B	1.0004E+00	Rb/stb
TOTAL COMPRESSIBILITY. . . .	Ct	2.5000E-06	Psi^-1
WELLBORE RADIUS.	Rw	7.8000E-01	Feet
DRAINAGE RADIUS.	Re	1.5000E+03	Feet
RESERVOIR TEMPERATURE.	T	1.2000E+02	Deg F
GRAVITY OF FLUID	G	3.2000E+01	
PVT EVALUATION PRESSURE. . . .	P	0.0000E+00	Psig
PRESSURE AT SHUT-IN.	Pwf	1.1360E+03	Psig
FINAL RECORDED PRESSURE. . . .	Ps	1.1460E+03	Psig
PRODUCTION RATE.	Q	3.9898E+02	Bbl/day
TOTAL FLOW TIME.	T	1.0000E+00	Hours

==========R=E=G=R=E=S=S=I=O=N====R=E=S=U=L=T=S==========

LEAST SQUARE RESULTS OVER THE INTERVAL :
FROM 2 TO 1

SLOPE OF THE LINE.	3.3946E+01	psi/cycle
FALSE PRESSURE, PSTAR.	1.1519E+03	psi
PRESSURE AT 1 HOUR	1.1417E+03	psi

==========A=N=A=L=Y=S=I=S========R=E=S=U=L=T=S==========

TRANSMISSIBILTY.	Kh/u	1.9119E+03	md-ft/cp
FLOW CAPACITY.	Kh	4.5885E+03	md-ft
PERMEABILITY to PHASE.	K	4.5885E+02	md
DAMAGE RATIO	Dr	6.8015E-02	
RADIUS OF INVESTIGATION. . .	Rinv	6.8886E+02	ft
SKIN FACTOR.	S	-5.9523E+00	
AVERAGE PRESSURE	Pbar	1.1488E+03	psig
DIMENSIONLESS TIME	Tda	1.6801E-02	
MATTHEWS-BRONS-HAZEBROEK .	PDmbh	2.1113E-01	

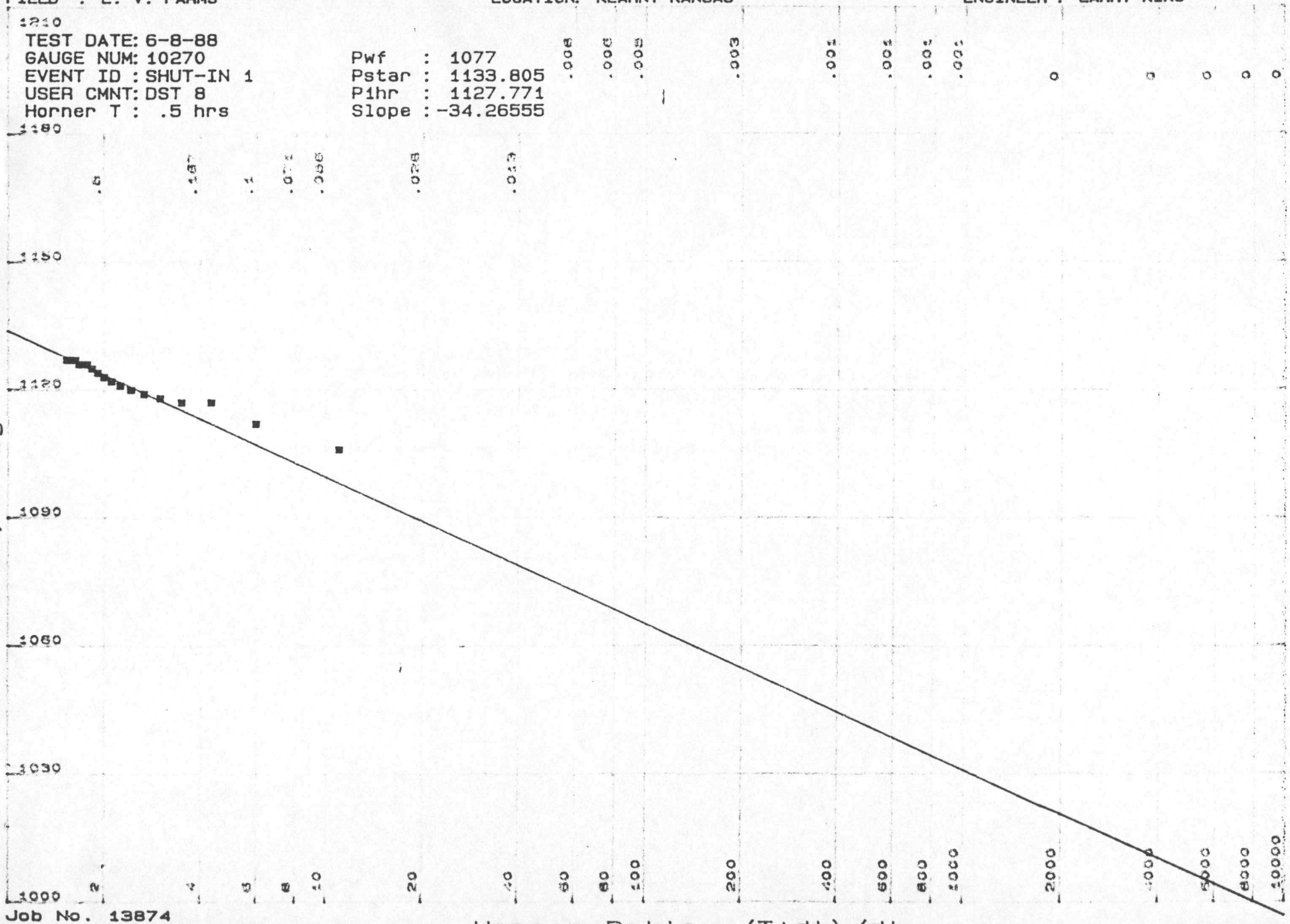
COMPANY: GLOBAL NATURAL RESOURCES CORP
FIELD : L. V. FARMS

WELL # : #1-3
LOCATION: KEARNY-KANSAS

PROCESSED: 06-09-1988
ENGINEER : LARRY KING

TEST DATE: 6-8-88
GAUGE NUM: 10270
EVENT ID : SHUT-IN 1
USER CMNT: DST 8
Horner T : .5 hrs

Pwf : 1077
Pstar : 1133.805
P1hr : 1127.771
Slope : -34.26555



Job No. 13874
WESTERN TESTING CO. INC.

RES-TRAN

COMPANY: GLOBAL NATURAL RESOURCES CORP
FIELD : L. V. FARMS

WELL #: #1-3
LOCATION: KEARNY-KANSAS

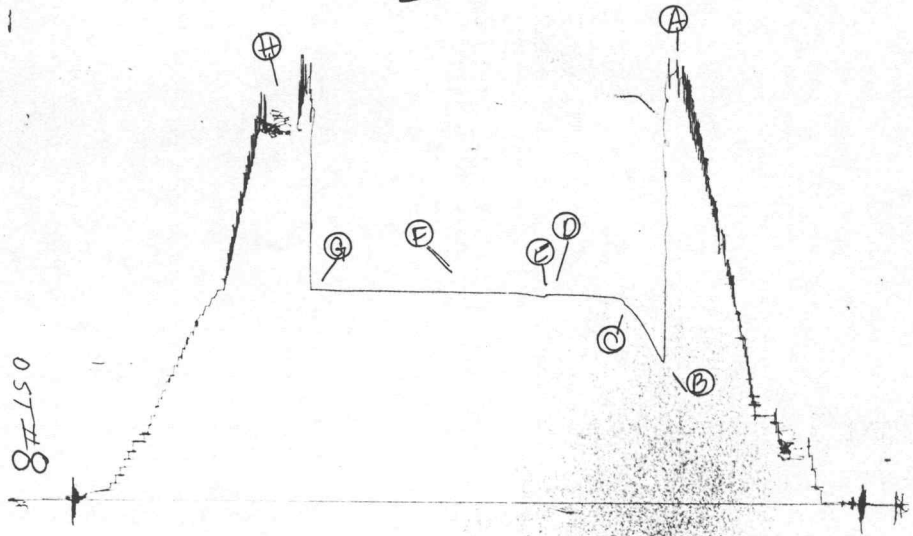
PROCESSED: 06-09-1988
ENGINEER : LARRY KING

TEST DATE: 6-8-88
GAUGE NUM: 10270
EVENT ID : SHUT-IN 2
USER CMNT: DST 8
Horner T : 1 hrs

Pwf : 1136
Pstar : 1151.911
P1hr : 1141.693
Slope : -33.94561

TK# 13874

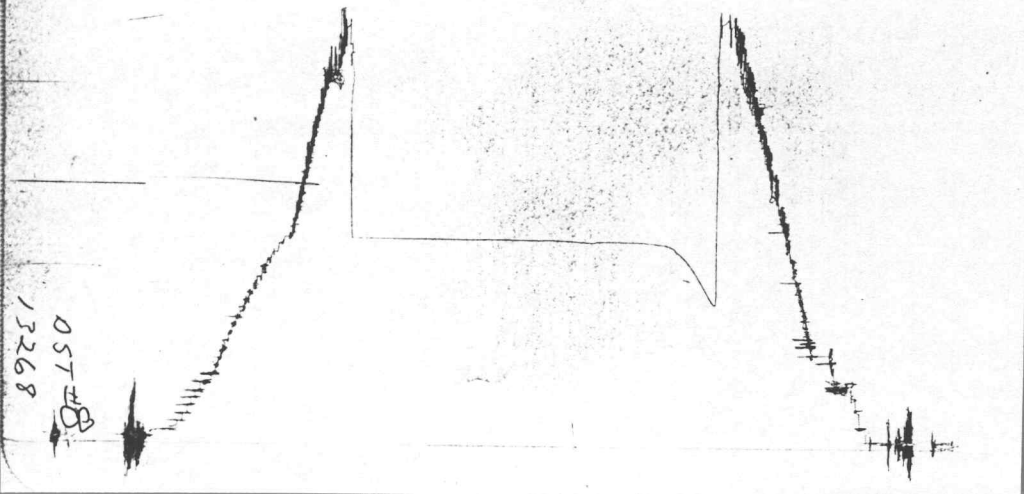
I.



OST#8
10220

Tkt# 13874

O.



DST #8

13268