

3-29.33w

FORMATION

TEST

REPORT

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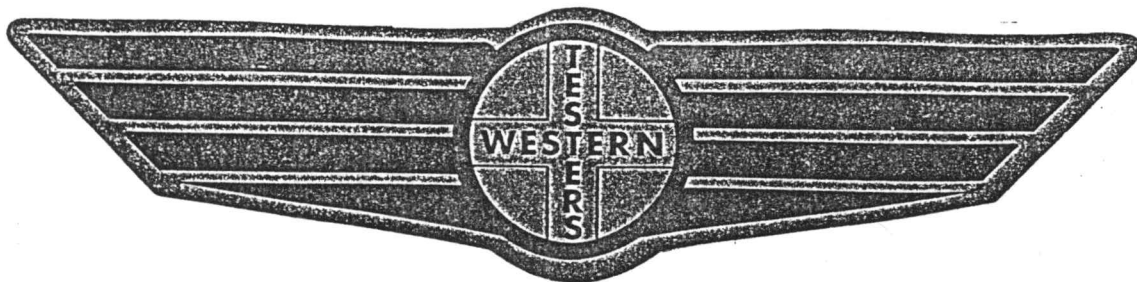
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KANSAS CORPORATION COMMISSION

DEC 07 1992

CONSERVATION DIVISION
WICHITA, KS



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

COMPANY

BEREXCO, INC.

LEASE & WELL NO. MCLAIN #1-3

SEC. 3 TWP. 29S RGE. 33W TEST NO. 1 DATE 8/14/92

WEE-PC-6

DST REPORT

GENERAL INFORMATION

DATE	: 8/14/92	TICKET	: 19510
CUSTOMER	: BEREXCO, INC.	LEASE	: MCLAIN
WELL	: 1-3	TEST:	1
ELEVATION:	2972 KB	GEOLOGIST:	GREVES
SECTION	: 3	FORMATION:	KANSAS CITY A
RANGE	: 33W	TOWNSHIP	: 29S
GAUGE SN#:	3849	STATE	: KS
		CLOCK	: 12
	COUNTY: HASKELL		
	RANGE : 4200		

WELL INFORMATION

PERFORATION INTERVAL FROM:	4610.00 ft	TO:	4627.00 ft	TVD:	4627.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	4617.0 ft		4620.0 ft		
TEMPERATURE:	0.0				
DRILL COLLAR LENGTH:	699.0 ft	I.D.:	2.250 in		
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in		
DRILL PIPE LENGTH :	3883.0 ft	I.D.:	3.800 in		
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :	5.500 in		
ANCHOR LENGTH :	17.0 ft	ANCHOR SIZE:	5.500 in		
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in		
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5XH		
PACKER DEPTH:	4605.0 ft	SIZE:	6.630 in		
PACKER DEPTH:	4610.0 ft	SIZE:	6.630 in		
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in		
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in		

MUD INFORMATION

DRILLING CON. :	BEREDCO RIG 5	VISCOSITY :	57.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	7.200 cc
WEIGHT :	8.900 ppg	SERIAL NUMBER:	411
CHLORIDES :	2800 ppm	REVERSED OUT?:	NO
JARS-MAKE :	W.T.C.		
DID WELL FLOW?:	NO		

COMMENTS

Comment

HIT BRIDGE 1878' - MIS RUN.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
No Data Entered					

RATE INFORMATION

OIL VOLUME:	0.0000	STB		
GAS VOLUME:	0.0000	SCF		
MUD VOLUME:	0.0000	STB		
WATER VOLUME:	0.0000	STB		
TOTAL FLUID :	0.0000	STB		
			TOTAL FLOW TIME: No Events Created	
			AVERAGE OIL RATE: 0.0000 STB/D	
			AVERAGE WATER RATE: 0.0000 STB/D	

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE:		0.00	
Description	Duration	p1	p End
INITIAL FLOW	0.00	0.00	0.00
INITIAL SHUT-IN	0.00		0.00
FINAL FLOW	0.00	0.00	0.00
FINAL SHUT-IN	0.00		0.00
FINAL HYDROSTATIC PRESSURE:		0.00	

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE:		0.00	
Description	Duration	p1	p End
No Events Created			
FINAL HYDROSTATIC PRESSURE:		0.00	

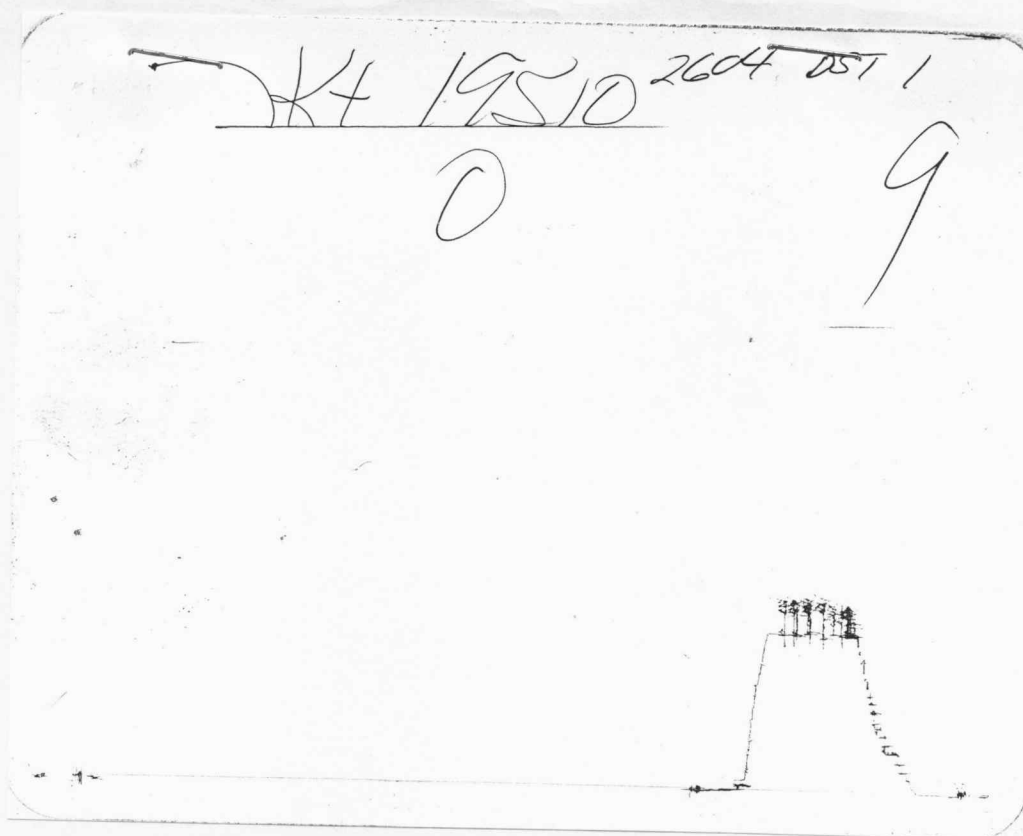
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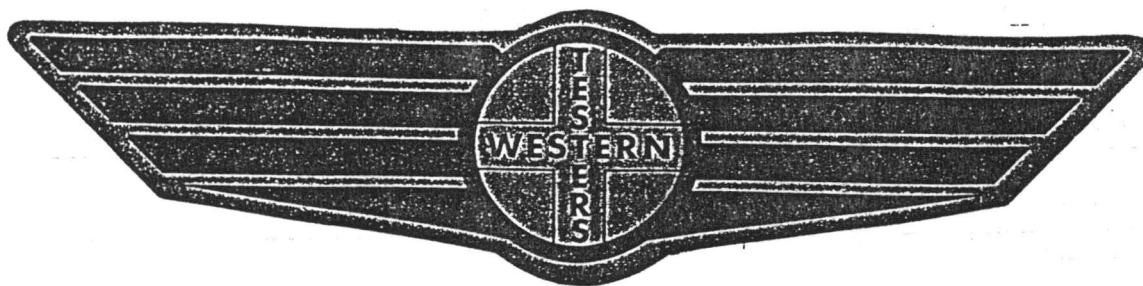
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REGISTRATION DIVISION
WICHITA, KANSAS



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

DST REPORT

GENERAL INFORMATION

DATE	: 8/14/92	TICKET	: 19511
CUSTOMER	: BEREXCO, INC.	LEASE	: MCLAIN
WELL	: 1-3	TEST: 2	GEOLOGIST: GREVES
ELEVATION	: 2972 KB	FORMATION	: KANSAS CITY A
SECTION	: 3	TOWNSHIP	: 29S
RANGE	: 33W	STATE	: KS
GAUGE SN#	: 3849	CLOCK	: 12
COUNTY	: HASKELL		
RANGE	: 4200		

WELL INFORMATION

PERFORATION INTERVAL FROM:	4610.00 ft	TO:	4627.00 ft	TVD:	4627.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	GAS
DEPTH OF RECORDERS:	4617.0 ft		4620.0 ft		
TEMPERATURE:	122.0				
DRILL COLLAR LENGTH:	699.0 ft	I.D.:	2.250 in		
WEIGHT PIPE LENGTH:	0.0 ft	I.D.:	0.000 in		
DRILL PIPE LENGTH:	3883.0 ft	I.D.:	3.800 in		
TEST TOOL LENGTH:	28.0 ft	TOOL SIZE:	5.500 in		
ANCHOR LENGTH:	17.0 ft	ANCHOR SIZE:	5.500 in		
SURFACE CHOKE SIZE:	0.750 in	BOTTOM CHOKE SIZE:	0.750 in		
MAIN HOLE SIZE:	7.875 in	TOOL JOINT SIZE:	4.5XH		
PACKER DEPTH:	4605.0 ft	SIZE:	6.630 in		
PACKER DEPTH:	4610.0 ft	SIZE:	6.630 in		
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in		
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in		

MUD INFORMATION

DRILLING CON.	: BEREDCO RIG 5	VISCOSITY	: 57.00 cp
MUD TYPE	: CHEMICAL	WATER LOSS:	7.600 cc
WEIGHT	: 8.900 ppq		
CHLORIDES	: 2800 ppm	SERIAL NUMBER:	411
JARS-MAKE	: W.T.C.	REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW, BOTTOM OF BUCKET
IN 1 MINUTE. FINAL FLOW PERIOD STRONG BLOW IN 2
MINUTES, GAS TO SURFACE IN 7 MINUTES.

DST REPORT (CONTINUED)

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COMMENTS (CONTINUED)

Comment

DEC 07 1992

SEE FLOW CHART.

CONSERVATION DIVISION
WICHITA, KS

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
200.0	100.0	0.0	0.0	0.0	CLEAN GASSY OIL
0.0	0.0	0.0	0.0	0.0	37 GRAVITY AT 60 DEGREES
290.0	37.0	47.0	0.0	0.0	MUD CUT OIL
60.0	18.0	42.0	8.0	32.0	OIL & WATER CUT MUD
0.0	0.0	0.0	0.0	0.0	CHLORIDES 30000 P.P.M.

RATE INFORMATION

OIL VOLUME: 1.5643 STB
GAS VOLUME: 4.4593 SCF
MUD VOLUME: 0.0944 STB
WATER VOLUME: 0.0236 STB
TOTAL FLUID : 1.6823 STB

TOTAL FLOW TIME: 75.0000 min.
AVERAGE OIL RATE: 31.2886 STB/D
AVERAGE WATER RATE: 1.0110 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2207.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	78.00	95.00
INITIAL SHUT-IN	30.00		933.00
FINAL FLOW	60.00	117.00	185.00
FINAL SHUT-IN	120.00		907.00

FINAL HYDROSTATIC PRESSURE: 2165.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2218.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	74.00	95.00
INITIAL SHUT-IN	27.00		928.00
FINAL FLOW	60.00	114.00	193.00
FINAL SHUT-IN	120.00		912.00

FINAL HYDROSTATIC PRESSURE: 2175.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 8/14/92	TICKET : 19511
CUSTOMER : BEREXCO, INC.	LEASE : MCLAIN
WELL : 1-3 TEST: 2	GEOLOGIST: GREVES
ELEVATION: 2972 KB	FORMATION: KANSAS CITY A
SECTION : 3	TOWNSHIP : 29S
RANGE : 33W COUNTY: HASKELL	STATE : KS
GAUGE SN#: 3849 RANGE : 4200	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	74.00	74.00
5.00	78.00	4.00
10.00	87.00	9.00
15.00	95.00	8.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	306.00	306.00	0.00
6.00	516.00	210.00	0.00
9.00	650.00	134.00	0.00
12.00	723.00	73.00	0.00
15.00	788.00	65.00	0.00
18.00	834.00	46.00	0.00
21.00	876.00	42.00	0.00
24.00	907.00	31.00	0.00
27.00	928.00	21.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	114.00	114.00
5.00	121.00	7.00
10.00	131.00	10.00
15.00	144.00	13.00
20.00	153.00	9.00

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WICHITA, KS

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

Time (min)	Pressure	Delta P
25.00	157.00	4.00
30.00	165.00	8.00
35.00	174.00	9.00
40.00	180.00	6.00
45.00	182.00	2.00
50.00	187.00	5.00
55.00	189.00	2.00
60.00	193.00	4.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	304.00	304.00	0.00
6.00	404.00	100.00	0.00
9.00	474.00	70.00	0.00
12.00	523.00	49.00	0.00
15.00	564.00	41.00	0.00
18.00	596.00	32.00	0.00
21.00	623.00	27.00	0.00
24.00	648.00	25.00	0.00
27.00	669.00	21.00	0.00
30.00	699.00	30.00	0.00
33.00	705.00	6.00	0.00
36.00	717.00	12.00	0.00
39.00	732.00	15.00	0.00
42.00	748.00	16.00	0.00
45.00	757.00	9.00	0.00
48.00	763.00	6.00	0.00
51.00	780.00	17.00	0.00
54.00	790.00	10.00	0.00
57.00	801.00	11.00	0.00
60.00	809.00	8.00	0.00
63.00	815.00	6.00	0.00
66.00	824.00	9.00	0.00
69.00	832.00	8.00	0.00
72.00	836.00	4.00	0.00
75.00	843.00	7.00	0.00
78.00	849.00	6.00	0.00
81.00	855.00	6.00	0.00
84.00	859.00	4.00	0.00
87.00	864.00	5.00	0.00
90.00	868.00	4.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
93.00	872.00	4.00	0.00
96.00	874.00	2.00	0.00
99.00	878.00	4.00	0.00
102.00	884.00	6.00	0.00
105.00	889.00	5.00	0.00
108.00	893.00	4.00	0.00
111.00	897.00	4.00	0.00
114.00	901.00	4.00	0.00
117.00	905.00	4.00	0.00
120.00	912.00	7.00	0.00

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CONSERVATION DIVISION
WICHITA, KS

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 8/14/92	TICKET : 19511
CUSTOMER : BEREXCO, INC.	LEASE : MCLAIN
WELL : 1-3	GEOLOGIST: GREVES
ELEVATION: 2972 KB	FORMATION: KANSAS CITY A
SECTION : 3	TOWNSHIP : 29S
RANGE : 33W	STATE : KS
Gauge SN#: 3849	CLOCK : 12
COUNTY: HASKELL	
RANGE : 4200	

PRE FLOW

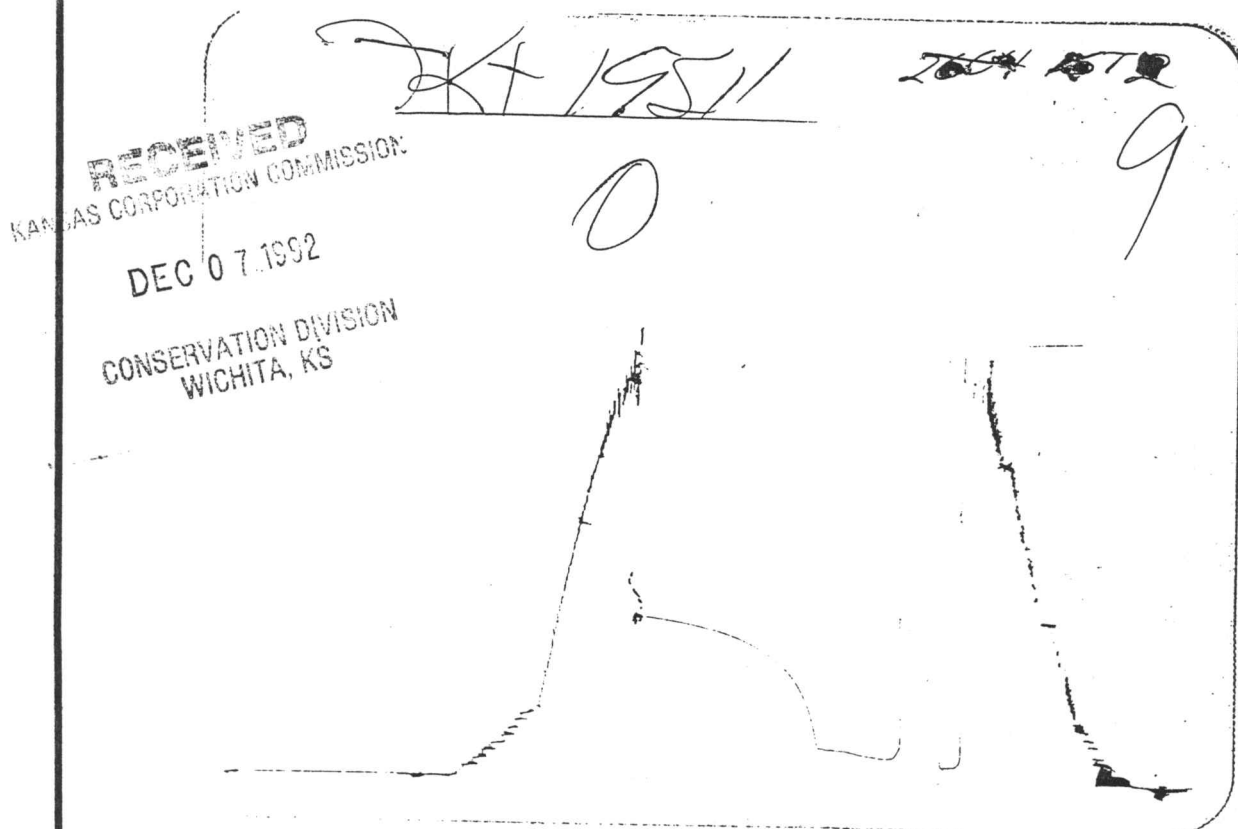
Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
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SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
7 MIN.	MERLA	0.250		GAS TO SURFACE
10 MIN.	MERLA	0.250	6" WTR	4120 SCF/D
20 MIN.	MERLA	0.250	20" WTR	7510 SCF/D
30 MIN.	MERLA	0.250	19" WTR	7320 SCF/D
40 MIN.	MERLA	0.250	17" WTR	6930 SCF/D
50 MIN.	MERLA	0.250	26" WTR	8560 SCF/D
60 MIN.	MERLA	0.250	22" WTR	7880 SCF/D



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WICHITA, KS

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TEST

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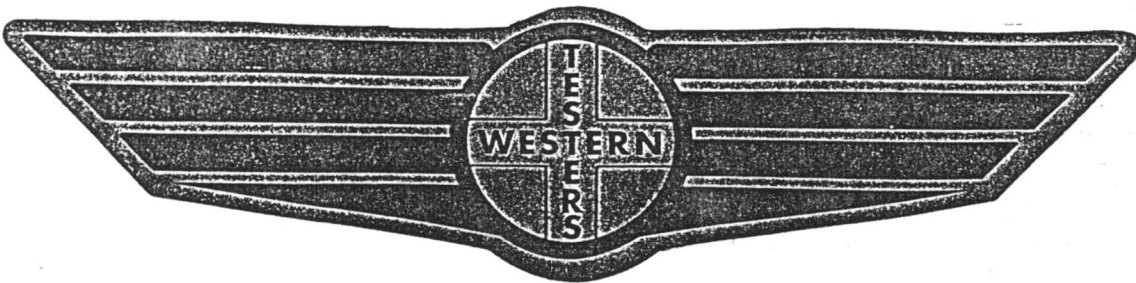
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KANSAS CORPORATION COMMISSION

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CONSERVATION DIVISION
WICHITA, KS



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

COMPANY BEREXCO, INC. LEASE & WELL NO. MCLAIN #1-3 SEC. 3 TWP. 29S RGE. 33W TEST NO. 3 DATE 8/16/92

DST REPORT

GENERAL INFORMATION

DATE	: 8/16/92	TICKET	: 19512
CUSTOMER	: BEREXCO, INC.	LEASE	: MCLAIN
WELL	: 1-3	TEST: 3	GEOLOGIST: GREVES
ELEVATION	: 2972 KB	FORMATION	: MARMATON
SECTION	: 3	TOWNSHIP	: 29S
RANGE	: 33W	STATE	: KS
GAUGE SN#	: 3849	RANGE	: 4200
		CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	4799.00 ft	TO:	4814.00 ft	TVD:	4814.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	4806.0 ft		4809.0 ft		
TEMPERATURE:	124.0				
DRILL COLLAR LENGTH:	699.0 ft	I.D.:		2.250 in	
WEIGHT PIPE LENGTH:	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH:	4078.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH:	22.0 ft	TOOL SIZE:		5.500 in	
ANCHOR LENGTH:	15.0 ft	ANCHOR SIZE:		5.500 in	
SURFACE CHOKE SIZE:	0.750 in	BOTTOM CHOKE SIZE:		0.750 in	
MAIN HOLE SIZE:	7.875 in	TOOL JOINT SIZE:		4.5XH	
PACKER DEPTH:	4794.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	4799.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	

MUD INFORMATION

DRILLING CON.	: BEREDCO RIG 5	VISCOSITY:	51.00 cp
MUD TYPE	: CHEMICAL	WATER LOSS:	7.400 cc
WEIGHT	: 9.000 ppg	SERIAL NUMBER:	
CHLORIDES	: 2700 ppm	REVERSED OUT?:	NO
JARS-MAKE	:		
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD SURFACE BLOW, BUILT TO 3/4
INCH IN BUCKET IN 12 MINUTES, STABILIZED.
FINAL FLOW PERIOD SURFACE BLOW, DIED IN 13 MINUTES

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

SPOTS OF OIL IN TEST TOOL.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
30.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME:	0.0000	STB		
GAS VOLUME:	0.0000	SCF		
MUD VOLUME:	0.1475	STB		
WATER VOLUME:	0.0000	STB		
TOTAL FLUID :	0.1475	STB		
			TOTAL FLOW TIME:	45.0000 min.
			AVERAGE OIL RATE:	4.7208 STB/D
			AVERAGE WATER RATE:	0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2296.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	25.00	25.00
INITIAL SHUT-IN	30.00		78.00
FINAL FLOW	30.00	31.00	31.00
FINAL SHUT-IN	60.00		89.00

FINAL HYDROSTATIC PRESSURE: 2260.00

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CONSERVATION DIVISION
WICHITA, KS

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2290.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	33.00	33.00
INITIAL SHUT-IN	30.00		77.00
FINAL FLOW	30.00	36.00	37.00
FINAL SHUT-IN	63.00		88.00
FINAL HYDROSTATIC PRESSURE:	2275.00		

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 8/16/92	TICKET : 19512
CUSTOMER : BEREXCO, INC.	LEASE : MCLAIN
WELL : 1-3	GEOLOGIST: GREVES
ELEVATION: 2972 KB	FORMATION: MARMATON
SECTION : 3	TOWNSHIP : 29S
RANGE : 33W	STATE : KS
Gauge SN#: 3849	CLOCK : 12
COUNTY: HASKELL	
RANGE : 4200	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	33.00	33.00
5.00	33.00	0.00
10.00	33.00	0.00
15.00	33.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	36.00	36.00	0.00
6.00	39.00	3.00	0.00
9.00	43.00	4.00	0.00
12.00	48.00	5.00	0.00
15.00	51.00	3.00	0.00
18.00	55.00	4.00	0.00
21.00	61.00	6.00	0.00
24.00	67.00	6.00	0.00
27.00	71.00	4.00	0.00
30.00	77.00	6.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	36.00	36.00
5.00	36.00	0.00
10.00	36.00	0.00
15.00	36.00	0.00

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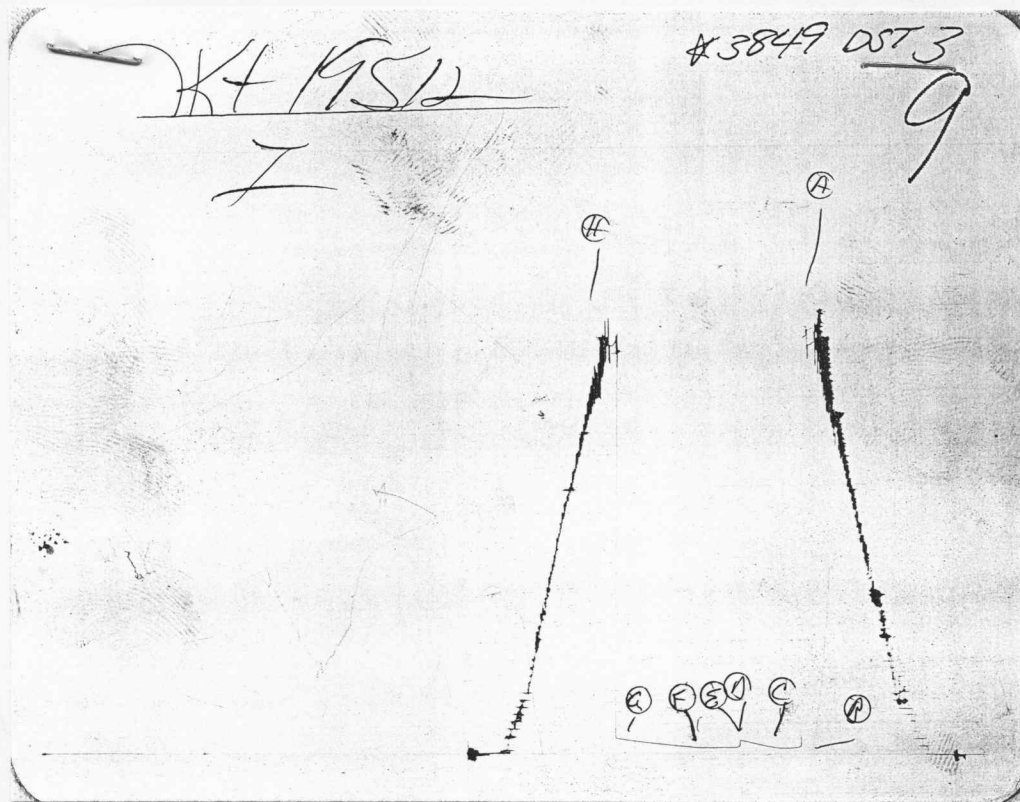
PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

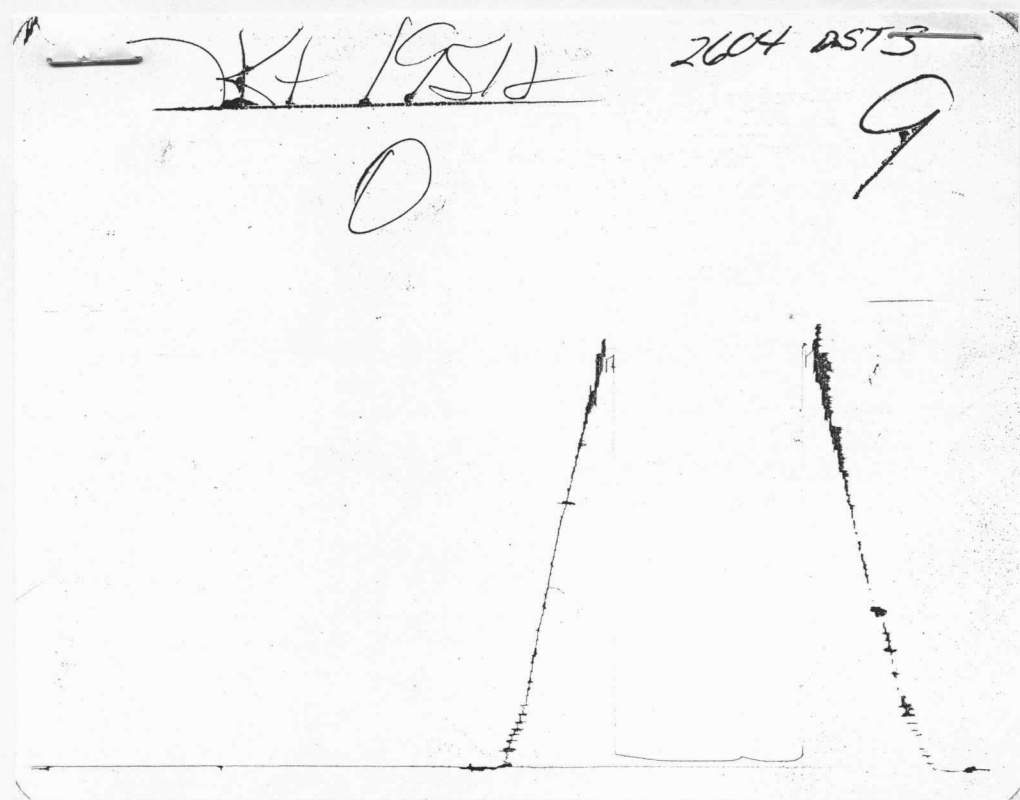
Time (min)	Pressure	Delta P
20.00	37.00	1.00
25.00	37.00	0.00
30.00	37.00	0.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	38.00	38.00	0.00
6.00	40.00	2.00	0.00
9.00	42.00	2.00	0.00
12.00	44.00	2.00	0.00
15.00	46.00	2.00	0.00
18.00	48.00	2.00	0.00
21.00	50.00	2.00	0.00
24.00	52.00	2.00	0.00
27.00	54.00	2.00	0.00
30.00	57.00	3.00	0.00
33.00	60.00	3.00	0.00
36.00	63.00	3.00	0.00
39.00	66.00	3.00	0.00
42.00	68.00	2.00	0.00
45.00	70.00	2.00	0.00
48.00	73.00	3.00	0.00
51.00	76.00	3.00	0.00
54.00	79.00	3.00	0.00
57.00	82.00	3.00	0.00
60.00	85.00	3.00	0.00
63.00	88.00	3.00	0.00



Inside Recorder



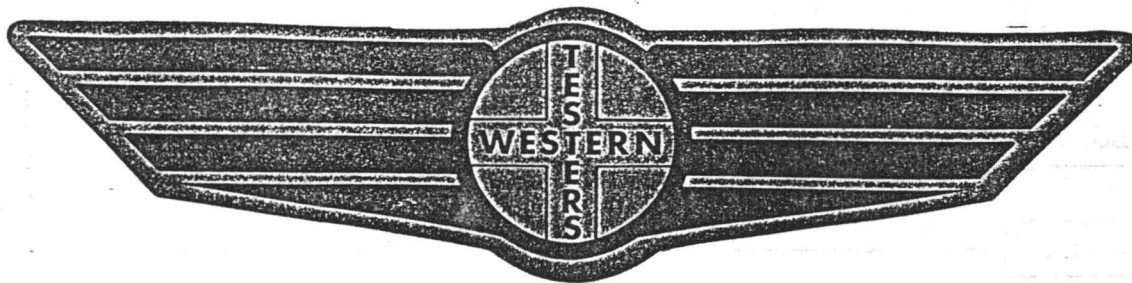
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FORMATION TEST REPORT

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WICHITA, KS



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COMPANY BEREXCO, INC. LEASE & WELL NO. MCCLAIN #1-3 SEC. 3 TWP. 29S. 33W TEST NO. 4 DATE 8/18/92

DST REPORT

GENERAL INFORMATION

DATE	: 8/18/92	TICKET	: 19513
CUSTOMER	: BEREXCO, INC.	LEASE	: MCLAIN
WELL	: 1-3	TEST:	4
ELEVATION	: 2972 KB	GEOLOGIST	: GREVES
SECTION	: 3	FORMATION	: ATOKA LIMESTONE
RANGE	: 33W	TOWNSHIP	: 29S
GAUGE SN#	: 3849	STATE	: KS
		CLOCK	: 12
		COUNTY	: HASKELL
		RANGE	: 4200

WELL INFORMATION

PERFORATION INTERVAL FROM:	5136.00 ft	TO:	5150.00 ft	TVD:	5150.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	5143.0 ft		5146.0 ft		
TEMPERATURE:	129.0				
DRILL COLLAR LENGTH:	699.0 ft	I.D.:		2.250 in	
WEIGHT PIPE LENGTH:	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH:	4415.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH:	22.0 ft	TOOL SIZE:		5.500 in	
ANCHOR LENGTH:	14.0 ft	ANCHOR SIZE:		5.500 in	
SURFACE CHOKE SIZE:	0.750 in	BOTTOM CHOKE SIZE:		0.750 in	
MAIN HOLE SIZE:	7.875 in	TOOL JOINT SIZE:		4.5XH	
PACKER DEPTH:	5131.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	5136.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	

MUD INFORMATION

DRILLING CON.	: BEREDCO RIG 5	VISCOSITY:	57.00 cp
MUD TYPE	: CHEMICAL	WATER LOSS:	6.800 cc
WEIGHT	: 8.900 ppg	SERIAL NUMBER:	
CHLORIDES	: 2800 ppm	REVERSED OUT?:	NO
JARS-MAKE	:		
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD VERY WEAK SURFACE BLOW.
FINAL FLOW PERIOD NO BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
15.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME: 0.0000 STB
 GAS VOLUME: 0.0000 SCF
 MUD VOLUME: 0.0738 STB
 WATER VOLUME: 0.0000 STB
 TOTAL FLUID : 0.0738 STB

TOTAL FLOW TIME: 45.0000 min.
 AVERAGE OIL RATE: 2.3604 STB/D
 AVERAGE WATER RATE: 0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2466.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	25.00	25.00
INITIAL SHUT-IN	30.00		493.00
FINAL FLOW	30.00	31.00	31.00
FINAL SHUT-IN	60.00		461.00

FINAL HYDROSTATIC PRESSURE: 2423.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2464.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	36.00	36.00
INITIAL SHUT-IN	30.00		501.00
FINAL FLOW	30.00	43.00	44.00
FINAL SHUT-IN	60.00		467.00

FINAL HYDROSTATIC PRESSURE: 2400.00

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 WICHITA, KS

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 8/18/92	TICKET : 19513
CUSTOMER : BEREXCO, INC.	LEASE : MCLAIN
WELL : 1-3	GEOLOGIST: GREVES
ELEVATION: 2972 KB	FORMATION: ATOKA LIMESTONE
SECTION : 3	TOWNSHIP : 29S
RANGE : 33W	STATE : KS
GAUGE SN#: 3849	CLOCK : 12
COUNTY: HASKELL	
RANGE : 4200	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	36.00	36.00
5.00	36.00	0.00
10.00	36.00	0.00
15.00	36.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	36.00	36.00	0.00
6.00	42.00	6.00	0.00
9.00	50.00	8.00	0.00
12.00	71.00	21.00	0.00
15.00	112.00	41.00	0.00
18.00	187.00	75.00	0.00
21.00	282.00	95.00	0.00
24.00	376.00	94.00	0.00
27.00	445.00	69.00	0.00
30.00	501.00	56.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	43.00	43.00
5.00	43.00	0.00
10.00	43.00	0.00
15.00	43.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

Time (min)	Pressure	Delta P
20.00	44.00	1.00
25.00	44.00	0.00
30.00	44.00	0.00

FINAL SHUT IN

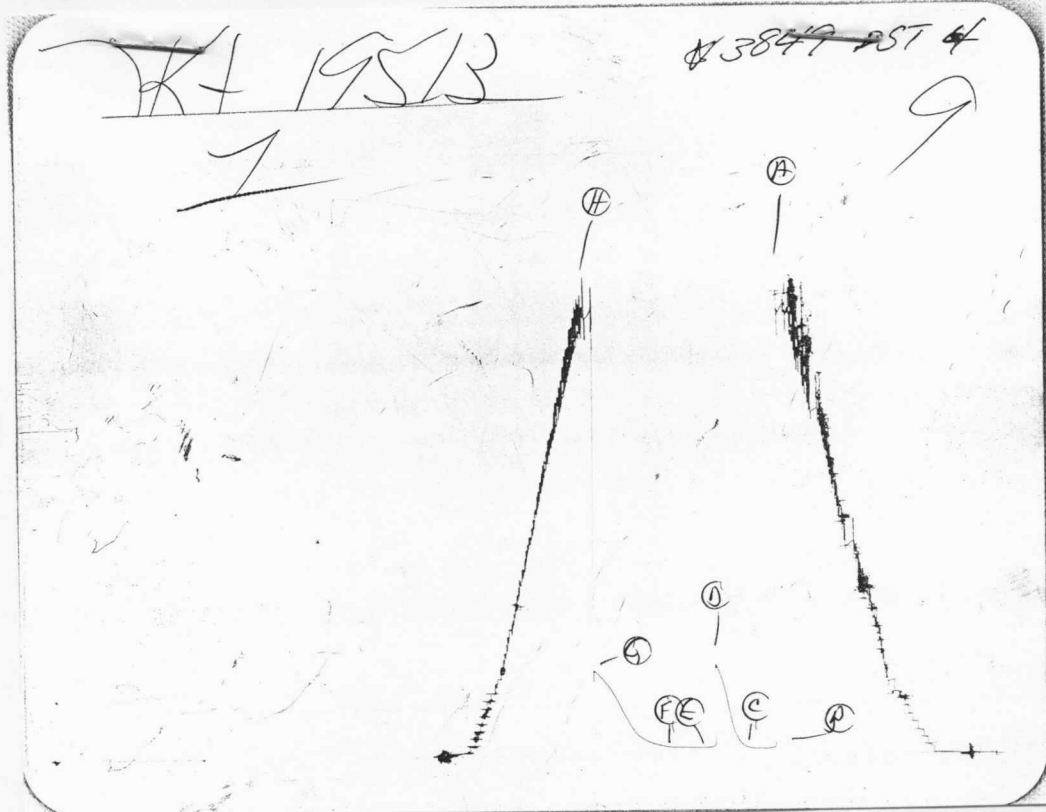
Time (min)	Pressure	Delta P	Horner T
3.00	45.00	45.00	0.00
6.00	47.00	2.00	0.00
9.00	51.00	4.00	0.00
12.00	57.00	6.00	0.00
15.00	63.00	6.00	0.00
18.00	69.00	6.00	0.00
21.00	79.00	10.00	0.00
24.00	91.00	12.00	0.00
27.00	106.00	15.00	0.00
30.00	132.00	26.00	0.00
33.00	166.00	34.00	0.00
36.00	205.00	39.00	0.00
39.00	244.00	39.00	0.00
42.00	291.00	47.00	0.00
45.00	332.00	41.00	0.00
48.00	367.00	35.00	0.00
51.00	396.00	29.00	0.00
54.00	422.00	26.00	0.00
57.00	447.00	25.00	0.00
60.00	467.00	20.00	0.00

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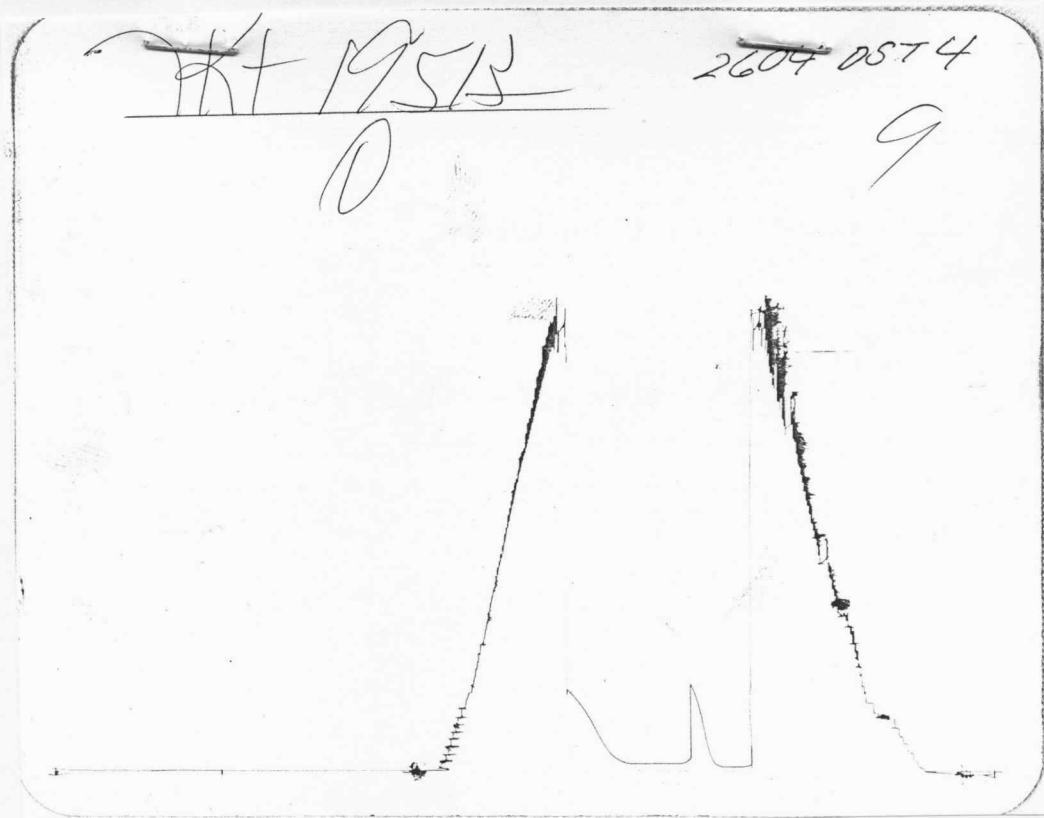
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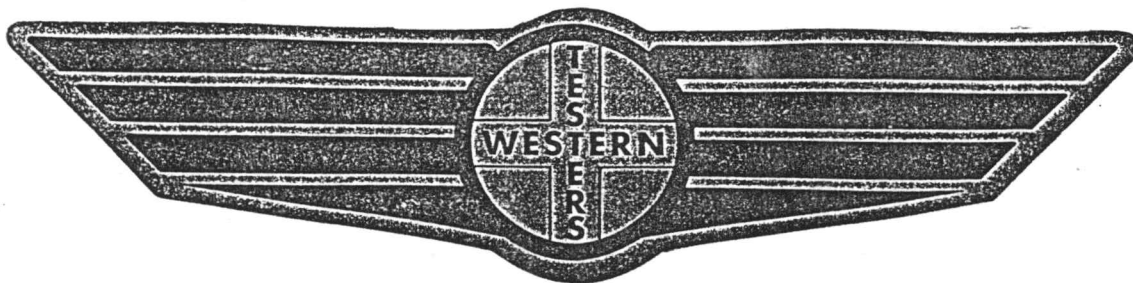
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WICHITA, KS



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800 - 688 - 7021

COMPANY BEREXCO, INC.

LEASE & WELL NO.

MCLAIN #1-3

SEC. 3

TWP. 29S

RGE. 33W

TEST NO. 5

DATE 8/20/92

DST REPORT

GENERAL INFORMATION

DATE	: 8/20/92	TICKET	: 19514
CUSTOMER	: BEREXCO, INC.	LEASE	: MCLAIN
WELL	: 1-3	TEST: 5	GEOLOGIST: GREVES
ELEVATION	: 2972 KB	FORMATION	: MORROW
SECTION	: 3	TOWNSHIP	: 29S
RANGE	: 33W	STATE	: KS
GAUGE SN#	: 3849	RANGE	: 4200
		CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	5360.00 ft	TO:	5410.00 ft	TVD:	5410.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	5367.0 ft		5370.0 ft		
TEMPERATURE:	134.0				
DRILL COLLAR LENGTH:	670.0 ft	I.D.:		2.250 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	4662.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	50.0 ft	ANCHOR SIZE:		5.500 in	
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:		0.750 in	
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :		4.5XH	
PACKER DEPTH:	5355.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	5360.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	

MUD INFORMATION

DRILLING CON. :	BEREDCO RIG 5	VISCOSITY :	56.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	7.200 cc
WEIGHT :	9.000 ppg		
CHLORIDES :	2900 ppm	SERIAL NUMBER:	411
JARS-MAKE :	W.T.C.	REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD VERY WEAK SURFACE BLOW, TO A
1/2 INCH BLOW IN 10 MINUTES AND STABILIZED.
FINAL FLOW PERIOD NO BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
20.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME:	0.0000	STB		
GAS VOLUME:	0.0000	SCF		
MUD VOLUME:	0.0983	STB		
WATER VOLUME:	0.0000	STB		
TOTAL FLUID :	0.0983	STB		
			TOTAL FLOW TIME:	45.0000 min.
			AVERAGE OIL RATE:	3.1472 STB/D
			AVERAGE WATER RATE:	0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2620.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	36.00	36.00
INITIAL SHUT-IN	30.00		110.00
FINAL FLOW	30.00	42.00	42.00
FINAL SHUT-IN	60.00		110.00

FINAL HYDROSTATIC PRESSURE: 2599.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2595.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	40.00	40.00
INITIAL SHUT-IN	30.00		111.00
FINAL FLOW	30.00	47.00	47.00
FINAL SHUT-IN	60.00		104.00

FINAL HYDROSTATIC PRESSURE: 2595.00

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CONSERVATION DIVISION
WICHITA, KS

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 8/20/92	TICKET : 19514
CUSTOMER : BEREXCO, INC.	LEASE : MCLAIN
WELL : 1-3	GEOLOGIST: GREVES
ELEVATION: 2972 KB	FORMATION: MORROW
SECTION : 3	TOWNSHIP : 29S
RANGE : 33W	STATE : KS
GAUGE SN#: 3849	CLOCK : 12
COUNTY: HASKELL	
RANGE : 4200	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	40.00	40.00
5.00	40.00	0.00
10.00	40.00	0.00
15.00	40.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	40.00	40.00	0.00
6.00	46.00	6.00	0.00
9.00	48.00	2.00	0.00
12.00	55.00	7.00	0.00
15.00	64.00	9.00	0.00
18.00	68.00	4.00	0.00
21.00	73.00	5.00	0.00
24.00	82.00	9.00	0.00
27.00	93.00	11.00	0.00
30.00	111.00	18.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	47.00	47.00
5.00	47.00	0.00
10.00	47.00	0.00
15.00	47.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

Time (min)	Pressure	Delta P
20.00	47.00	0.00
25.00	47.00	0.00
30.00	47.00	0.00

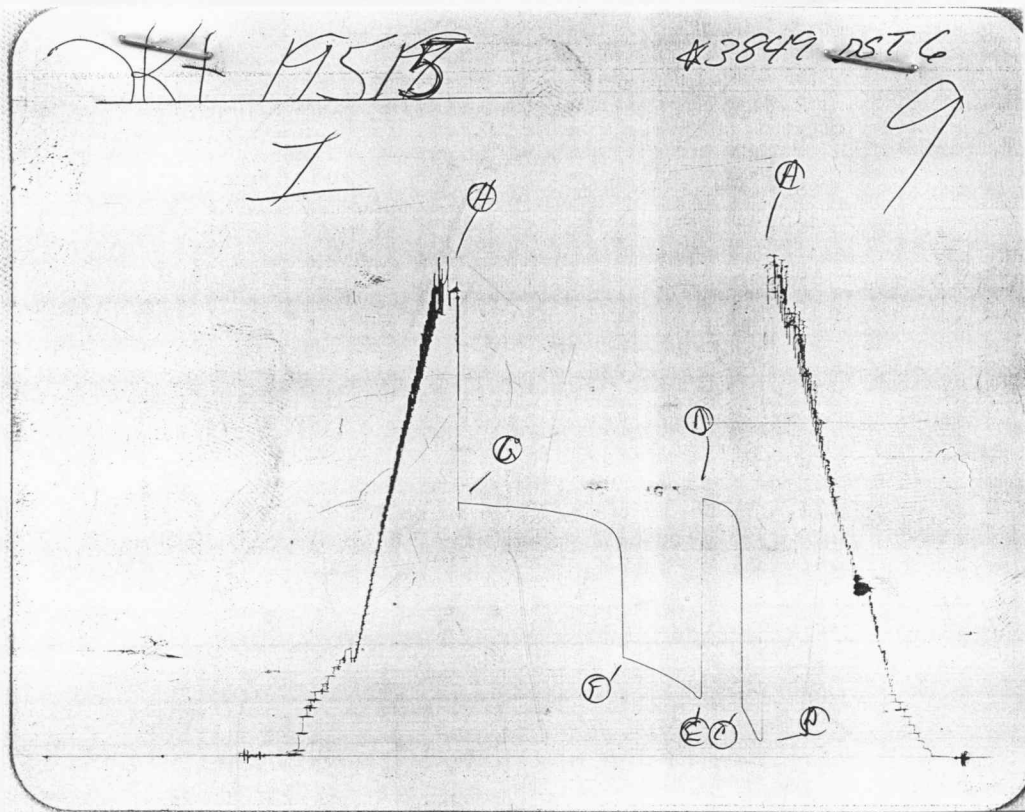
FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	48.00	48.00	0.00
6.00	51.00	3.00	0.00
9.00	53.00	2.00	0.00
12.00	55.00	2.00	0.00
15.00	57.00	2.00	0.00
18.00	59.00	2.00	0.00
21.00	61.00	2.00	0.00
24.00	63.00	2.00	0.00
27.00	66.00	3.00	0.00
30.00	69.00	3.00	0.00
33.00	72.00	3.00	0.00
36.00	75.00	3.00	0.00
39.00	78.00	3.00	0.00
42.00	81.00	3.00	0.00
45.00	85.00	4.00	0.00
48.00	90.00	5.00	0.00
51.00	95.00	5.00	0.00
54.00	99.00	4.00	0.00
57.00	102.00	3.00	0.00
60.00	104.00	2.00	0.00

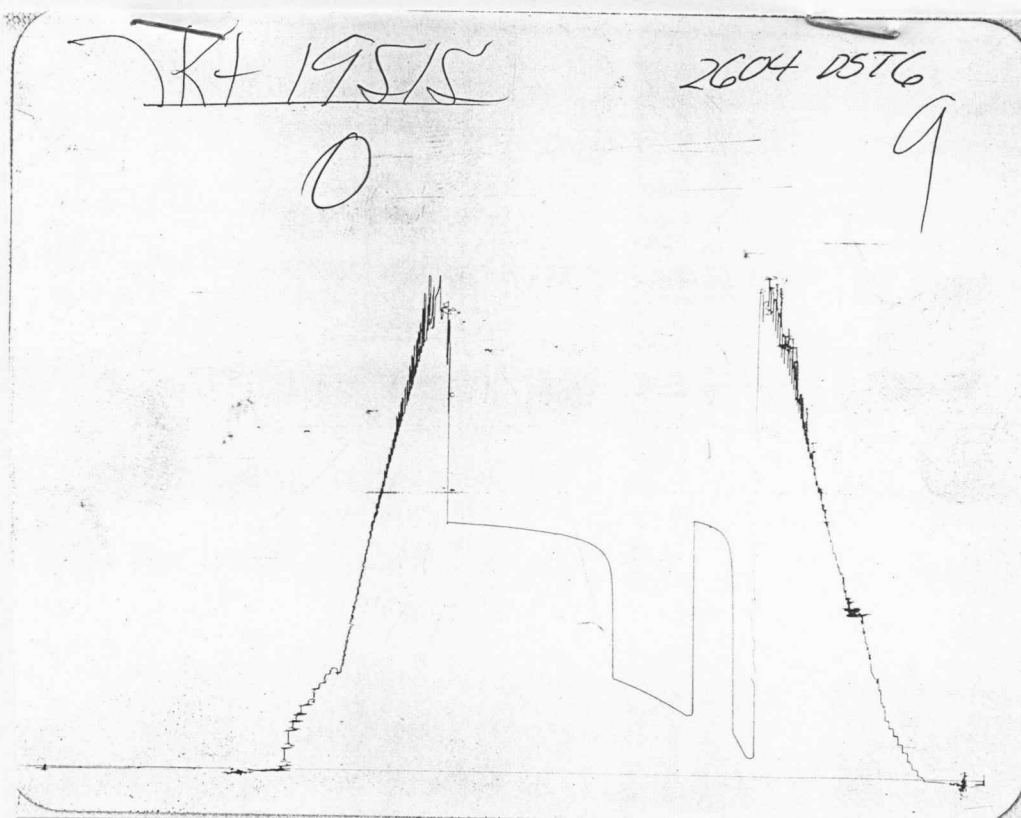
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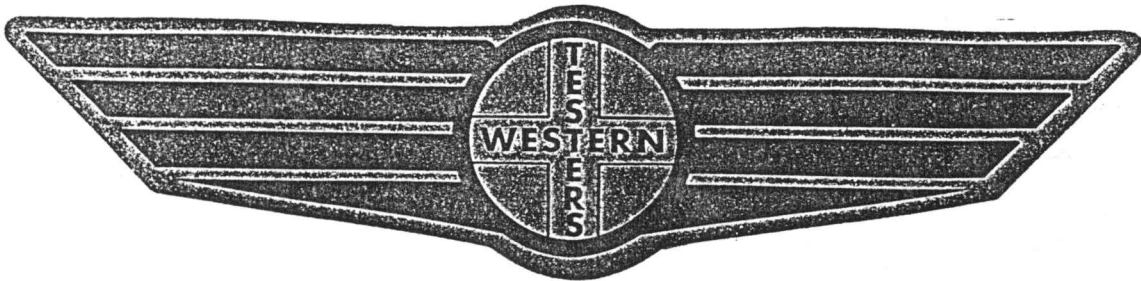
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WICHITA, KS



Home Office:

Wichita, Kansas 67201

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Phone 1-800-688-7021

DST REPORT

GENERAL INFORMATION

DATE	: 8/20/92	TICKET	: 19515
CUSTOMER	: BEREXCO, INC.	LEASE	: MCLAIN
WELL	: 1-3	TEST: 6	GEOLOGIST: GREVES
ELEVATION	: 2972 KB	FORMATION	: CHESTER
SECTION	: 3	TOWNSHIP	: 29S
RANGE	: 33W	COUNTY: HASKELL	STATE : KS
GAUGE SN#	: 3849	RANGE : 4200	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	5445.00 ft	TO:	5465.00 ft	TVD:	5465.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	5456.0 ft		5456.0 ft		
TEMPERATURE:	139.0				
DRILL COLLAR LENGTH:	699.0 ft	I.D.:		2.250 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	4718.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	20.0 ft	ANCHOR SIZE:		5.500 in	
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:		0.750 in	
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :		4.5XH	
PACKER DEPTH:	5440.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	5445.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	

MUD INFORMATION

DRILLING CON. :	BEREDCO RIG 5	VISCOSITY :	57.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	8.400 cc
WEIGHT :	9.000 ppg		
CHLORIDES :	4500 ppm	SERIAL NUMBER:	411
JARS-MAKE :	W.T.C.	REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK TO A STONG BLOW, BOTTOM
OF BUCKET IN 8 MINUTES.
FINAL FLOW PERIOD VERY WEAK TO A STRONG BLOW IN

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

13 MINUTES.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
50.0	3.0	0.0	7.0	90.0	SLY OIL & WATER CUT MUD
1040.0	0.0	0.0	100.0	0.0	SALT WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 122500 P.P.M.

RATE INFORMATION

OIL VOLUME:	0.0210	STB		
GAS VOLUME:	0.0000	SCF		
MUD VOLUME:	0.6312	STB		
WATER VOLUME:	8.2694	STB		
TOTAL FLUID :	8.9216	STB		
			TOTAL FLOW TIME:	75.0000 min.
			AVERAGE OIL RATE:	4.0396 STB/D
			AVERAGE WATER RATE:	167.2556 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2646.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	78.00	270.00
INITIAL SHUT-IN	30.00		1414.00
FINAL FLOW	60.00	312.00	546.00
FINAL SHUT-IN	120.00		1389.00

FINAL HYDROSTATIC PRESSURE: 2614.00

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DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2622.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	85.00	266.00
INITIAL SHUT-IN	30.00		1416.00
FINAL FLOW	60.00	325.00	551.00
FINAL SHUT-IN	126.00		1391.00

FINAL HYDROSTATIC PRESSURE: 2588.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 8/20/92	TICKET : 19515
CUSTOMER : BEREXCO, INC.	LEASE : MCLAIN
WELL : 1-3 TEST: 6	GEOLOGIST: GREVES
ELEVATION: 2972 KB	FORMATION: CHESTER
SECTION : 3	TOWNSHIP : 29S
RANGE : 33W COUNTY: HASKELL	STATE : KS
GAUGE SN#: 3849 RANGE : 4200	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	85.00	85.00
5.00	110.00	25.00
10.00	190.00	80.00
15.00	266.00	76.00

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INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	1251.00	1251.00	0.00
6.00	1315.00	64.00	0.00
9.00	1344.00	29.00	0.00
12.00	1365.00	21.00	0.00
15.00	1379.00	14.00	0.00
18.00	1389.00	10.00	0.00
21.00	1396.00	7.00	0.00
24.00	1403.00	7.00	0.00
27.00	1409.00	6.00	0.00
30.00	1416.00	7.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	325.00	325.00
5.00	346.00	21.00
10.00	378.00	32.00
15.00	401.00	23.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

Time (min)	Pressure	Delta P
20.00	426.00	25.00
25.00	444.00	18.00
30.00	463.00	19.00
35.00	481.00	18.00
40.00	496.00	15.00
45.00	512.00	16.00
50.00	527.00	15.00
55.00	541.00	14.00
60.00	551.00	10.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	1123.00	1123.00	0.00
6.00	1196.00	73.00	0.00
9.00	1231.00	35.00	0.00
12.00	1252.00	21.00	0.00
15.00	1268.00	16.00	0.00
18.00	1278.00	10.00	0.00
21.00	1288.00	10.00	0.00
24.00	1297.00	9.00	0.00
27.00	1304.00	7.00	0.00
30.00	1311.00	7.00	0.00
33.00	1316.00	5.00	0.00
36.00	1321.00	5.00	0.00
39.00	1326.00	5.00	0.00
42.00	1328.00	2.00	0.00
45.00	1332.00	4.00	0.00
48.00	1335.00	3.00	0.00
51.00	1338.00	3.00	0.00
54.00	1342.00	4.00	0.00
57.00	1346.00	4.00	0.00
60.00	1350.00	4.00	0.00
63.00	1353.00	3.00	0.00
66.00	1356.00	3.00	0.00
69.00	1359.00	3.00	0.00
72.00	1361.00	2.00	0.00
75.00	1363.00	2.00	0.00
78.00	1365.00	2.00	0.00
81.00	1367.00	2.00	0.00
84.00	1369.00	2.00	0.00
87.00	1371.00	2.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

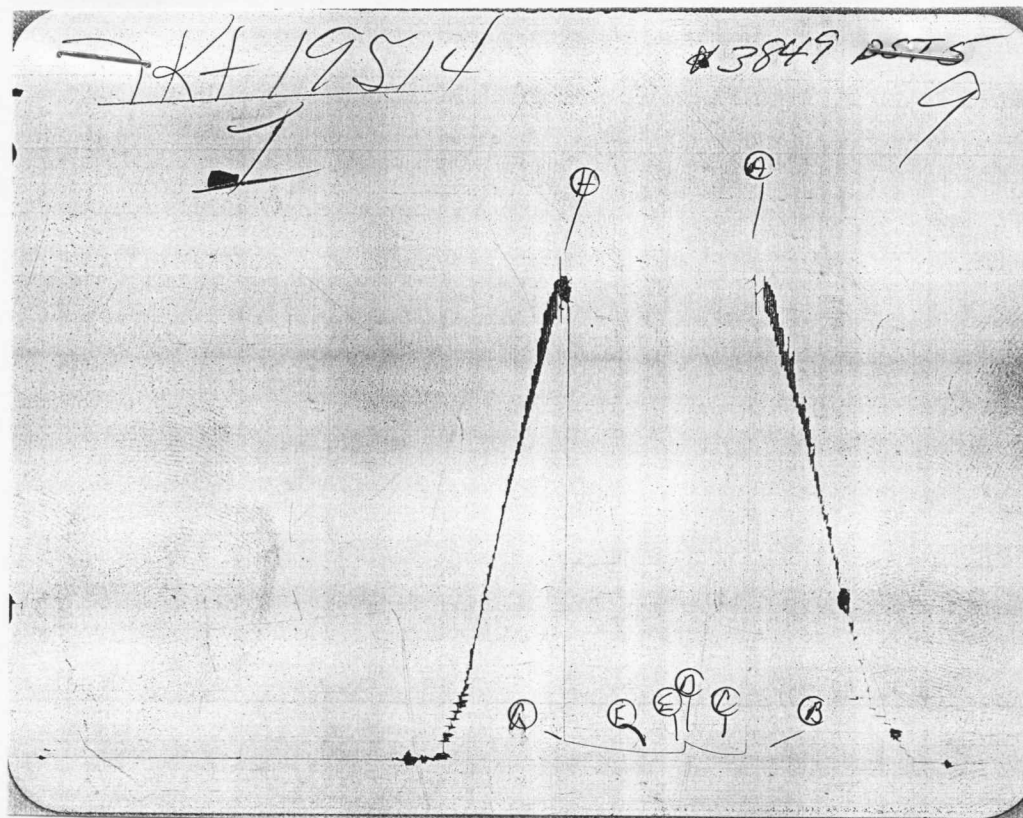
FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
90.00	1372.00	1.00	0.00
93.00	1373.00	1.00	0.00
96.00	1374.00	1.00	0.00
99.00	1376.00	2.00	0.00
102.00	1378.00	2.00	0.00
105.00	1380.00	2.00	0.00
108.00	1382.00	2.00	0.00
111.00	1384.00	2.00	0.00
114.00	1386.00	2.00	0.00
117.00	1387.00	1.00	0.00
120.00	1388.00	1.00	0.00
123.00	1390.00	2.00	0.00
126.00	1391.00	1.00	0.00

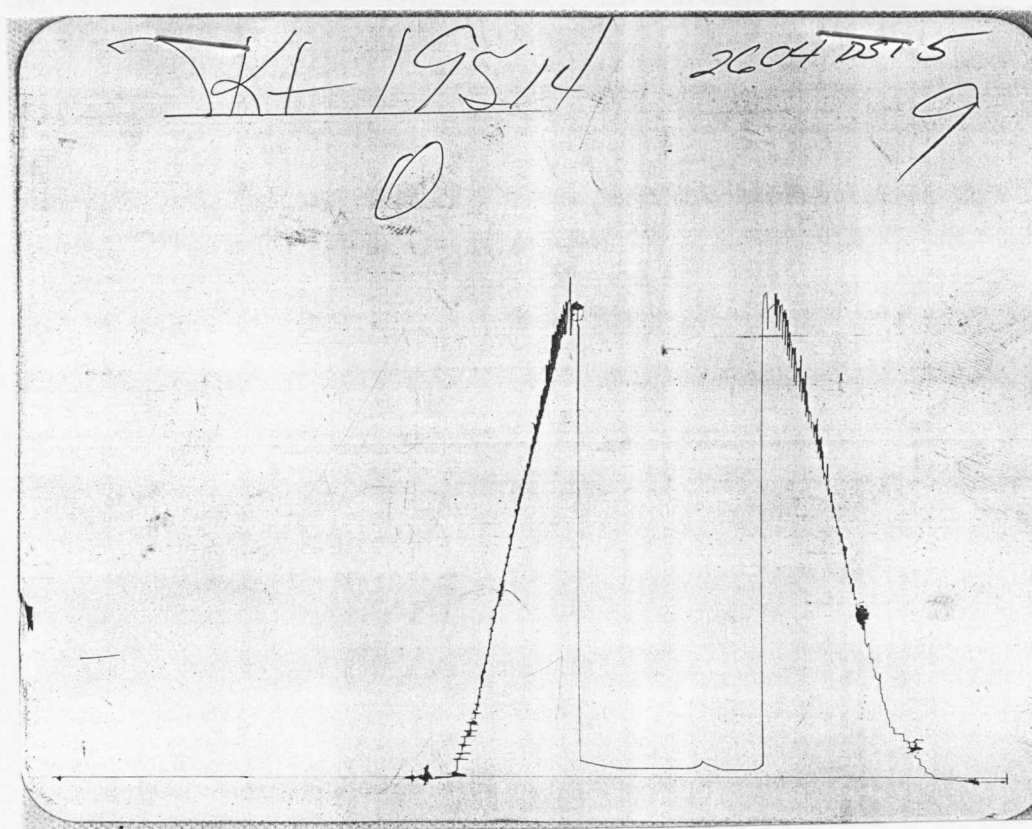
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