



00511284

WESTERN TESTING CO., INC.



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FORMATION TEST REPORT

RECEIVED

FEB 27 1995

DST REPORT

COLO. OIL & GAS CONS. COMM

GENERAL INFORMATION

DATE : 2/13/95	TICKET : 20917
CUSTOMER : UNION PACIFIC RESOURCES	LEASE : COLMENO 11-30
WELL : #3 TEST: 1	GEOLOGIST: PARROTT
ELEVATION: 5075 G.R.	FORMATION: MORROW
SECTION : 30	TOWNSHIP : 11S
RANGE : 50W	STATE : CO
COUNTY: KIT CARSON	CLOCK : 12
GAUGE SN#: 13760	RANGE : 3950

WELL INFORMATION

PERFORATION INTERVAL FROM: 6616.00 ft	TO: 6634.00 ft	TVD: 6827.0 ft
DEPTH OF SELECTIVE ZONE:	TEST TYPE: OIL	
DEPTH OF RECORDERS: 6624.0 ft	6627.0 ft	
TEMPERATURE: 154.0		

DRILL COLLAR LENGTH: 737.0 ft	I.D.: 2.200 in
WEIGHT PIPE LENGTH : 0.0 ft	I.D.: 0.000 in
DRILL PIPE LENGTH : 5847.0 ft	I.D.: 3.800 in
TEST TOOL LENGTH : 32.0 ft	TOOL SIZE : 5.500 in
ANCHOR LENGTH : 18.0 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 : 4.5FH
PACKER DEPTH: 6611.0 ft	SIZE: 6.750 in
PACKER DEPTH: 6616.0 ft	SIZE: 6.750 in
PACKER DEPTH: 0.0 ft	SIZE: 0.000 in
PACKER DEPTH: 0.0 ft	SIZE: 0.000 in

MUD INFORMATION

DRILLING CON. : CHEYENNE RIG #6	
MUD TYPE : CHEMICAL	VISCOSITY : 76.00 cp
WEIGHT : 9.100 ppg	WATER LOSS: 5.600 cc
CHLORIDES : 200 ppm	
JARS-MAKE : WESTERN	SERIAL NUMBER: 414
DID WELL FLOW?: YES	REVERSED OUT?: YES

COMMENTS

Comment

INITIAL FLOW: OPENED WITH 2 INCH BLOW, BOTTOM OF
 BUCKET IN 1 MINUTE, MAX BLOW 70 INCHES.
 FINAL FLOW: OPENED WITH 2 INCH BLOW, INCREASED/GAS

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

TO SURFACE IN 20 MINUTES, MUD AND OIL TO SURFACE
IN 25 MINUTES.
CIRC. SUB. WAS OPENED AFTER FIRST CONNECTION ON
DRILL PIPE WAS MADE. ALL FLUID WAS 100% OIL, THE
TOTAL FLUID AMOUNT IS UNKNOWN.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
0.0	100.0	0.0	0.0	0.0	OIL

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:	45.0000 min.
			AVERAGE OIL RATE:	0.0000 STB/D
			AVERAGE WATER RATE:	0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 3172.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	682.00	760.00
INITIAL SHUT-IN	30.00		945.00
FINAL FLOW	30.00	819.00	867.00
FINAL SHUT-IN	60.00		945.00

FINAL HYDROSTATIC PRESSURE: 3172.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 3386.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	685.00	756.00
INITIAL SHUT-IN	30.00		943.00
FINAL FLOW	30.00	812.00	855.00
FINAL SHUT-IN	45.00		940.00

FINAL HYDROSTATIC PRESSURE: 3343.00

PRESSURE TRANSIENT REPORT

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GAUGE SN#: 13760 RANGE : 3950	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	685.00	685.00
5.00	703.00	18.00
10.00	738.00	35.00
15.00	756.00	18.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	922.00	922.00	6.00
6.00	931.00	9.00	3.50
9.00	936.00	5.00	2.67
12.00	939.00	3.00	2.25
15.00	941.00	2.00	2.00
18.00	942.00	1.00	1.83
21.00	943.00	1.00	1.71
24.00	943.00	0.00	1.63
27.00	943.00	0.00	1.56
30.00	943.00	0.00	1.50

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	812.00	812.00
5.00	809.00	-3.00
10.00	812.00	3.00
15.00	819.00	7.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

Time (min)	Pressure	Delta P
20.00	836.00	17.00
25.00	846.00	10.00
30.00	855.00	9.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	926.00	926.00	11.00
6.00	930.00	4.00	6.00
9.00	933.00	3.00	4.33
12.00	935.00	2.00	3.50
15.00	937.00	2.00	3.00
18.00	938.00	1.00	2.67
21.00	939.00	1.00	2.43
24.00	940.00	1.00	2.25
27.00	940.00	0.00	2.11
30.00	940.00	0.00	2.00
33.00	940.00	0.00	1.91
36.00	940.00	0.00	1.83
39.00	940.00	0.00	1.77
42.00	940.00	0.00	1.71
45.00	940.00	0.00	1.67

FLUID SAMPLE REPORT

GENERAL INFORMATION

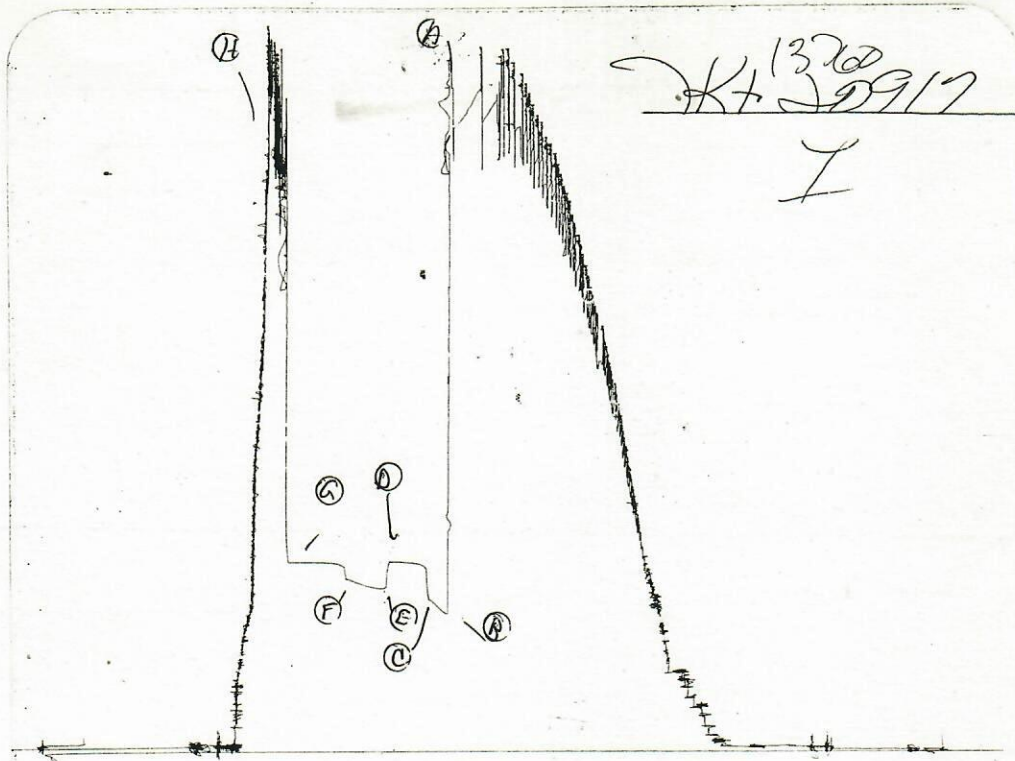
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RANGE	: 50W	STATE	: CO
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	COUNTY: KIT CARSON		
	RANGE : 3950		

SAMPLE INFORMATION

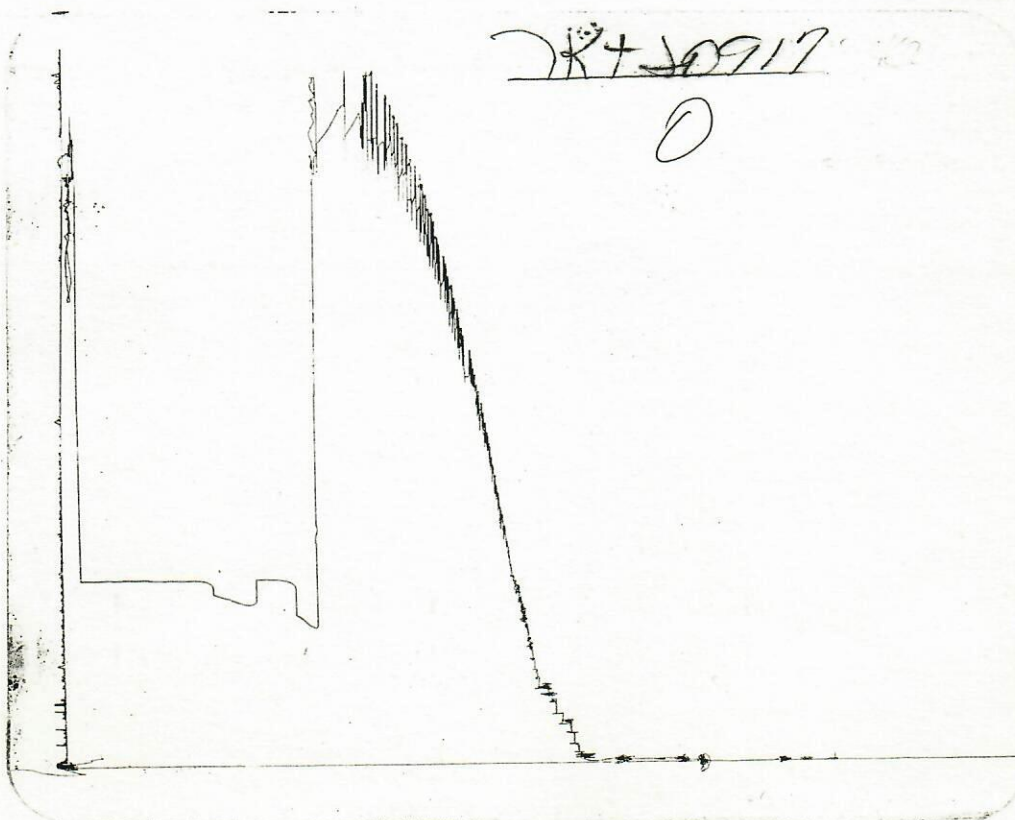
PRESSURE IN SAMPLER:	800.00 PSIG	BHT:	154.0 DEG F
TOTAL VOLUME OF SAMPLER:	3150.00 cc		
TOTAL VOLUME OF SAMPLE:	450.00 cc		
OIL:	450.00 cc		
WATER:	0.00 cc		
MUD:	0.00 cc		
GAS:	17.90 cc		
OTHER:	0.00 cc		

RESISTIVITY

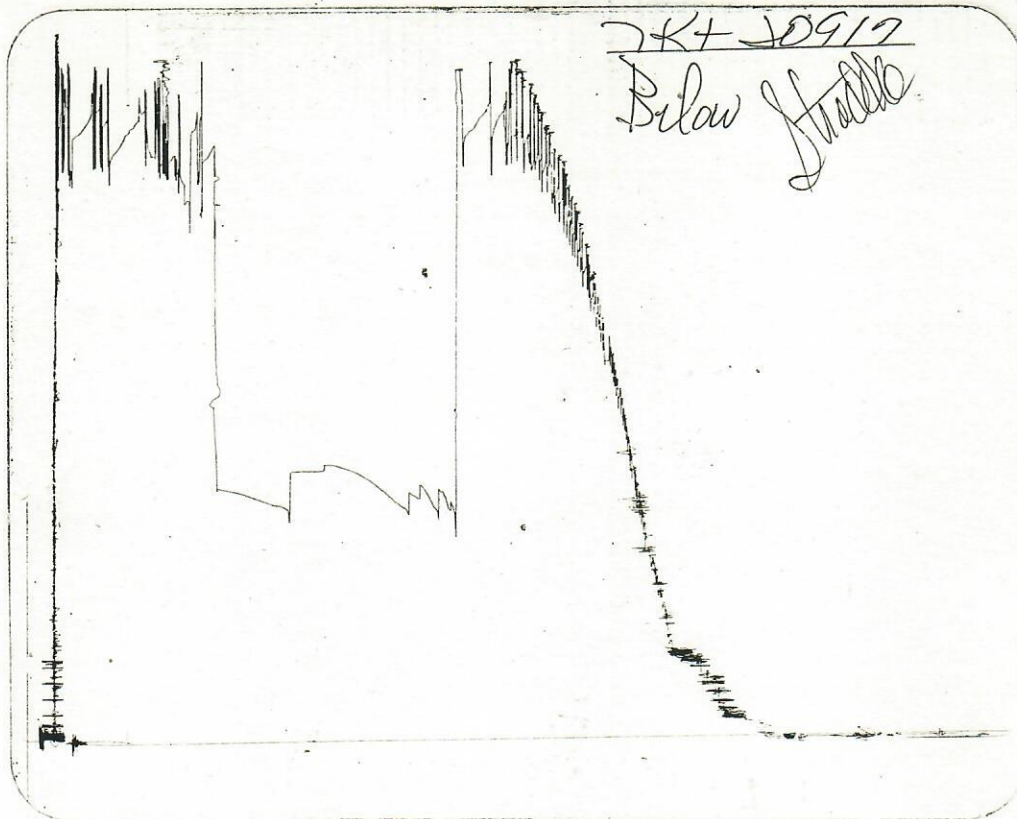
DRILLING MUD:	CHLORIDE CONTENT:	0.00 ppm
MUD PIT SAMPLE:	CHLORIDE CONTENT:	0.00 ppm
GAS/OIL RATIO:	GRAVITY:	
WHERE WAS SAMPLE DRAINED:		
REMARKS:		



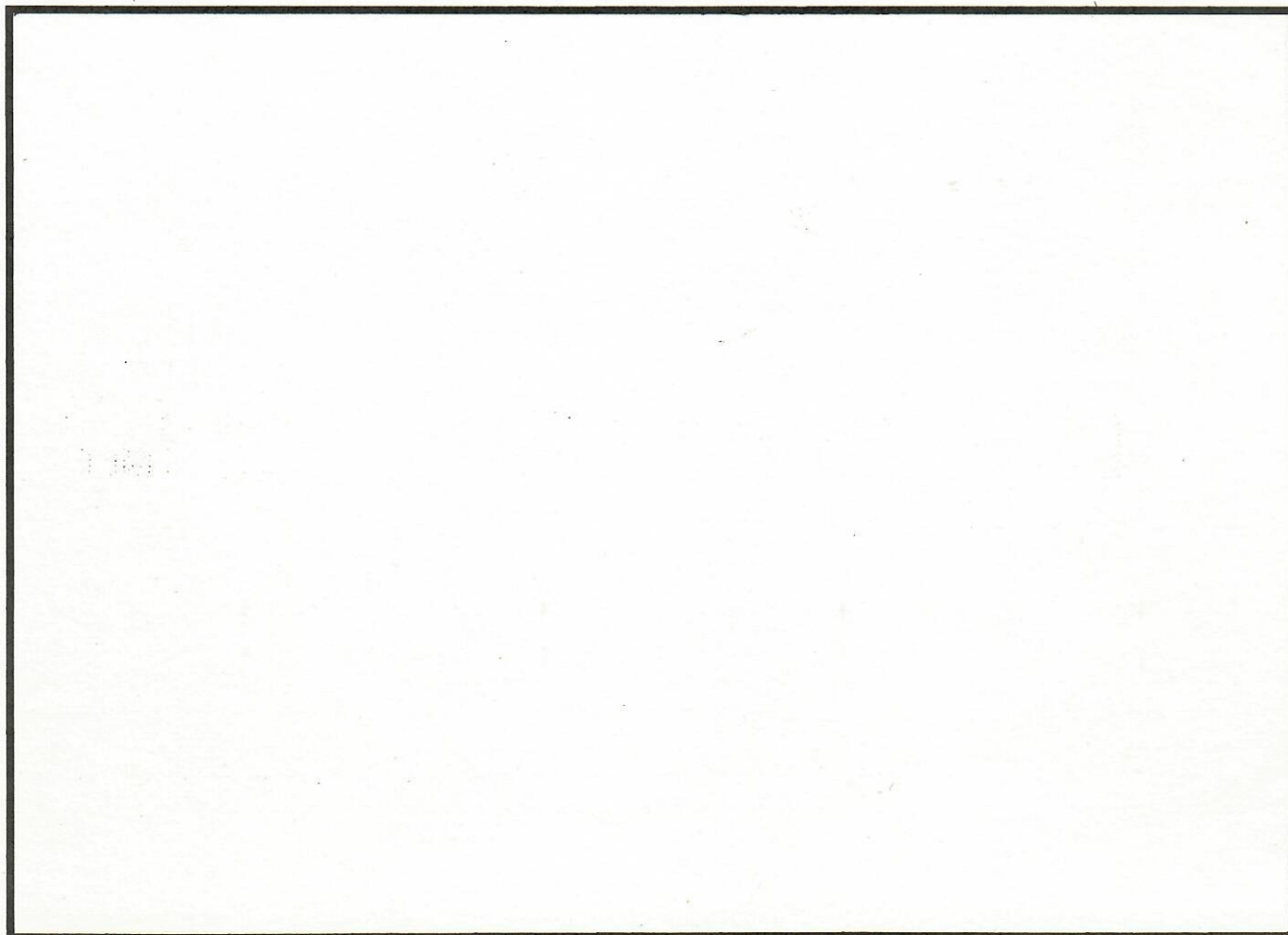
Inside Recorder



Outside Recorder



Inside Recorder

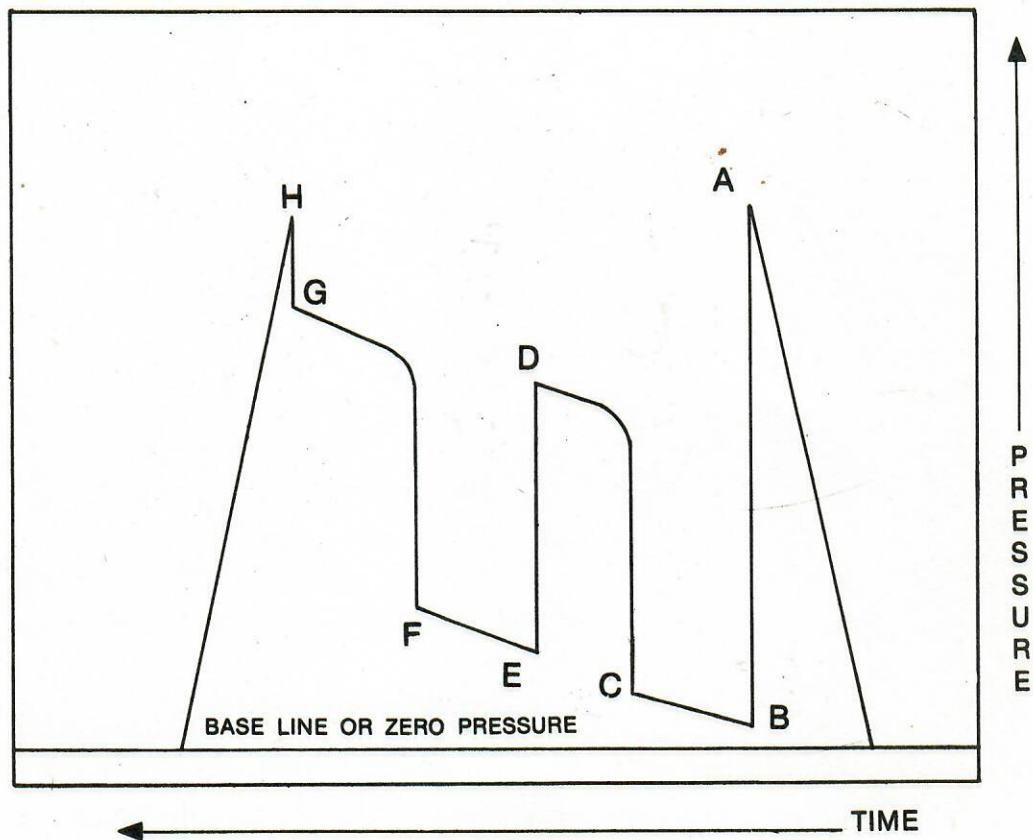


Outside Recorder

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

AK-1 Recorders



A - Initial Hydrostatic

B - First Initial Flow

C - First Final Flow

D - Initial Shut-In

E - Second Initial Flow

F - Second Final Flow

G - Final Shut-In

H - Final Hydrostatic