



00523984

FORMATION

TEST

REPORT

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OIL & GAS CONS. COMM.



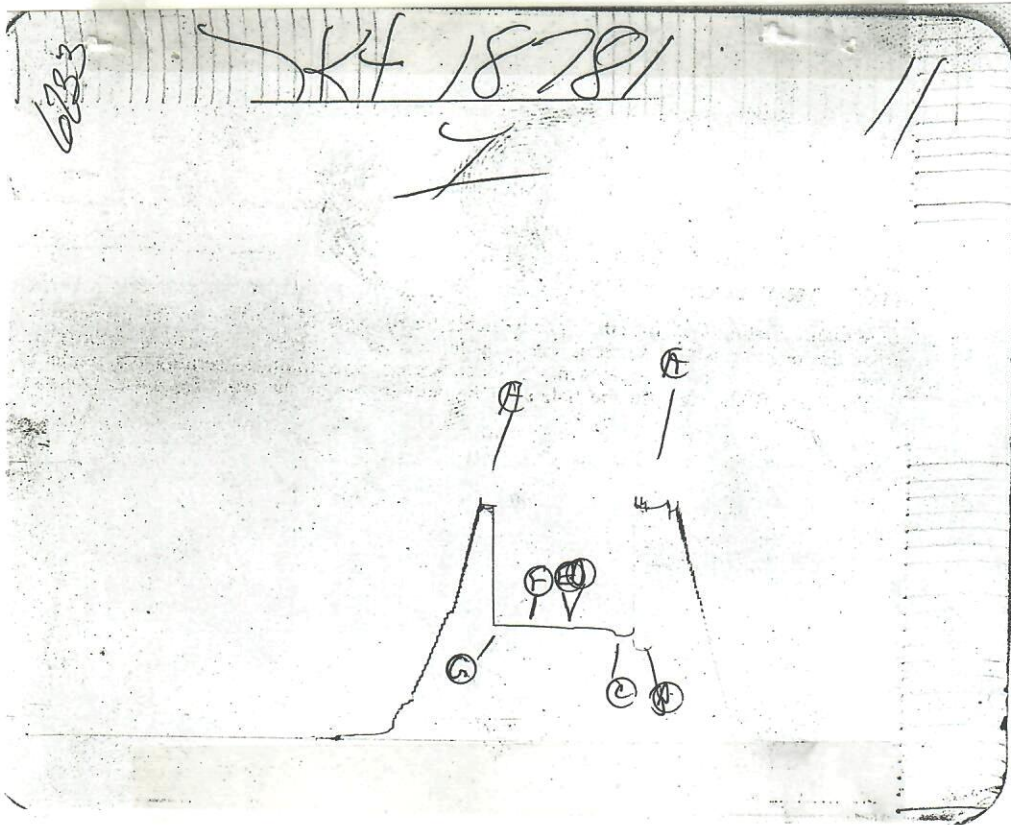
Home Office:

Wichita, Kansas 67201

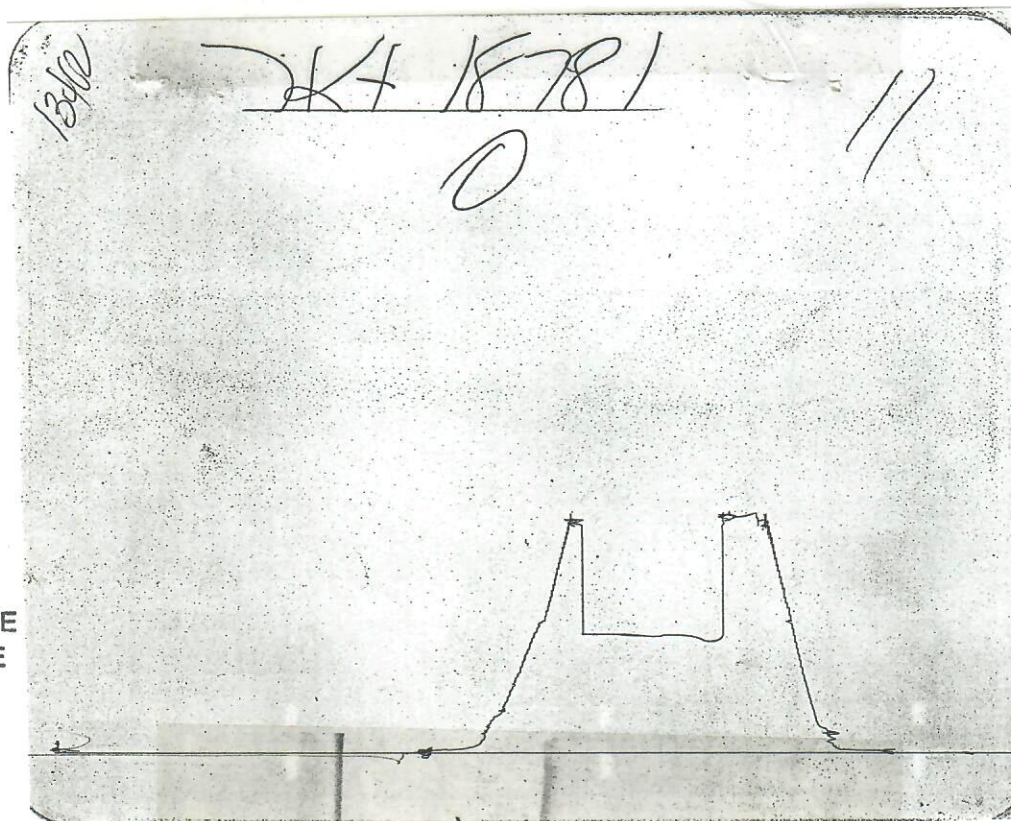
P.O. Box 1599

Phone (316) 262-5861

ALL



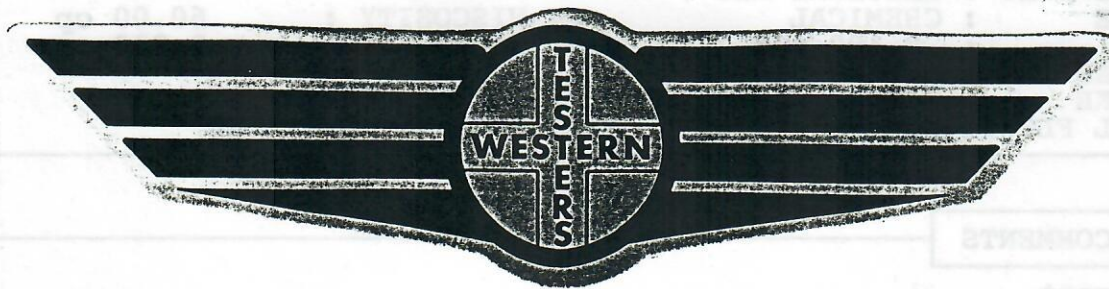
Inside Recorder



BEST IMAGE
AVAILABLE

Outside Recorder

FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

BEST IMAGE
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DST REPORT

GENERAL INFORMATION

DATE	: 2/5/93	TICKET	: 18781
CUSTOMER	: UNION PACIFIC RESOURCES	LEASE	: ZUNI 14-31
WELL	: 1	TEST: 1	GEOLOGIST: ?
ELEVATION	: 4479 KB	FORMATION	: CEDAR HILLS
SECTION	: 31	TOWNSHIP	: 16S
RANGE	: 49W	STATE	: CO
GAUGE SN#	: 6233	RANGE	: 4000
		CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	2580.00 ft	TO:	2700.00 ft	TVD:	5600.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	2588.0 ft		2591.0 ft		
TEMPERATURE:	117.0				
DRILL COLLAR LENGTH:	700.0 ft	I.D.:		2.200 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	1848.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	32.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	120.0 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:	2573.0 ft	SIZE:		6.750 in	
PACKER DEPTH:	2580.0 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 7	VISCOSITY :	60.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	9.200 cc
WEIGHT :	9.100 ppg	SERIAL NUMBER:	415
CHLORIDES :	400 ppm	REVERSED OUT?:	NO
JARS-MAKE :	W.T.C.		
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW, BOTTOM OF BUCKET
IN 1 MINUTE - MAX. BLOW 100" WATER. FINAL FLOW
PERIOD STRONG BLOW, BOTTOM OF BUCKET IN 1 MINUTE,

BEST IMAGE
AVAILABLE

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

29" IN 10 MINUTES - BLOW DIED TO 1/2 INCH.
 TESTED ON CEMENT BRIDGE AT 2700 FT.
 AFE # 13465 TIME SET PACKERS 9:35 A.M. TIME
 STARTED OFF BOTTOM 11:20 A.M.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
1323.0	0.0	0.0	100.0	0.0	WATER
0.0	0.0	0.0	0.0	0.0	R.W. 2.0 AT 52 DEGREES
0.0	0.0	0.0	0.0	0.0	CHLORIDES 800 P.P.M.

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	45.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	0.0000	STB	AVERAGE WATER RATE:	384.9398	STB/D
WATER VOLUME:	12.0294	STB			
TOTAL FLUID :	12.0294	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1224.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	557.00	557.00
INITIAL SHUT-IN	30.00		607.00
FINAL FLOW	30.00	597.00	607.00
FINAL SHUT-IN	30.00		607.00

FINAL HYDROSTATIC PRESSURE: 1224.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1221.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	563.00	568.00
INITIAL SHUT-IN	30.00		605.00
FINAL FLOW	30.00	600.00	610.00
FINAL SHUT-IN	30.00		612.00

FINAL HYDROSTATIC PRESSURE: 1209.00

RATE INFORMATION

TOTAL FLOW TIME: 45.0000 min.	OIL VOLUME: 0.0000 STB
AVERAGE OIL RATE: 0.0000 STB/D	GAS VOLUME: 0.0000 SCF
AVERAGE WATER RATE: 304.9333 STB/D	WATER VOLUME: 0.0000 STB
	TOTAL FLUID: 12.0000 STB

FIELD TIME & PRESSURE INFORMATION

Description	Duration	p1	p End
INITIAL FLOW	15.00	527.00	527.00
INITIAL SHUT-IN	30.00		607.00
FINAL FLOW	30.00	527.00	607.00
FINAL SHUT-IN	30.00		607.00

FINAL HYDROSTATIC PRESSURE: 1224.00

PRESSURE TRANSIENT REPORT

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ELEVATION	: 4479 KB	FORMATION	: CEDAR HILLS
SECTION	: 31	TOWNSHIP	: 16S
RANGE	: 49W	STATE	: CO
GAUGE SN#	: 6233	CLOCK	: 12
	COUNTY: CHEYENNE		
	RANGE : 4000		

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	563.00	563.00
5.00	563.00	0.00
10.00	563.00	0.00
15.00	568.00	5.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	591.00	591.00	0.00
6.00	597.00	6.00	0.00
9.00	600.00	3.00	0.00
12.00	600.00	0.00	0.00
15.00	600.00	0.00	0.00
18.00	601.00	1.00	0.00
21.00	602.00	1.00	0.00
24.00	603.00	1.00	0.00
27.00	604.00	1.00	0.00
30.00	605.00	1.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	600.00	600.00
5.00	600.00	0.00
10.00	604.00	4.00
15.00	606.00	2.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

Time (min)	Pressure	Delta P
20.00	608.00	2.00
25.00	609.00	1.00
30.00	610.00	1.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	610.00	610.00	0.00
6.00	610.00	0.00	0.00
9.00	611.00	1.00	0.00
12.00	611.00	0.00	0.00
15.00	612.00	1.00	0.00
18.00	612.00	0.00	0.00
21.00	612.00	0.00	0.00
24.00	612.00	0.00	0.00
27.00	612.00	0.00	0.00
30.00	612.00	0.00	0.00

BEST IMAGE
AVAILABLE

FLUID SAMPLE REPORT

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		CLOCK	: 12
	COUNTY: CHEYENNE		
	RANGE : 4000		

SAMPLE INFORMATION

PRESSURE IN SAMPLER:	100.00 PSIG	BHT:	117.0 DEG F
TOTAL VOLUME OF SAMPLER:	3150.00 cc		
TOTAL VOLUME OF SAMPLE:	3100.00 cc		
OIL:	0.00 cc		
WATER:	3100.00 cc		
MUD:	0.00 cc		
GAS:	0.00 cc		
OTHER:	0.00 cc		

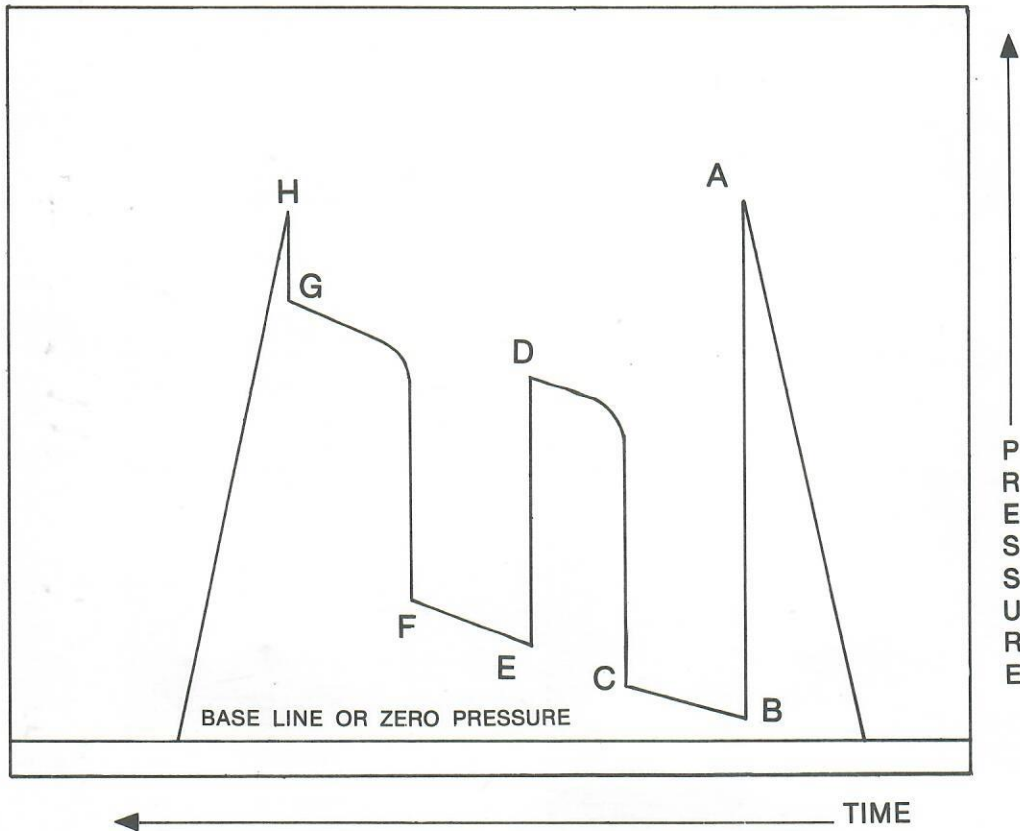
RESISTIVITY

DRILLING MUD:	2.0 AT 52 DEGREES	CHLORIDE CONTENT:	800.00 ppm
MUD PIT SAMPLE:	2.2 AT 52 DEGREES	CHLORIDE CONTENT:	400.00 ppm
GAS/OIL RATIO:		GRAVITY:	
WHERE WAS SAMPLE DRAINED:	RIG		
REMARKS:	AFE # 13465		

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