

ORIGINAL

16-31S-40W

DST REPORT

CONFIDENTIAL

15-129-21402

GENERAL INFORMATION

DATE : 10/10/95	TICKET : 21293
CUSTOMER : STELBAR OIL COMPANY	LEASE : MILBURN
WELL : #2-16 TEST: 1	GEOLOGIST: CALLEWAERT
ELEVATION: 3318 KB	FORMATION: KEYS
SECTION : 16	TOWNSHIP : 31S
RANGE : 40W COUNTY: MORTON	STATE : KS
GAUGE SN#: 3849 RANGE : 4200	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 5388.00 ft	TO: 5442.00 ft	TVD: 5442.0 ft
DEPTH OF SELECTIVE ZONE:		TEST TYPE: OIL
DEPTH OF RECORDERS: 5402.0 ft	5405.0 ft	
TEMPERATURE: 138.0		
DRILL COLLAR LENGTH: 692.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH : 0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH : 4668.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH : 28.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH : 54.0 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: 5383.0 ft	SIZE:	6.630 in
PACKER DEPTH: 5388.0 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. : NORSEMAN DRLG RIG 1	VISCOSITY : 51.00 cp
MUD TYPE : CHEMICAL	WATER LOSS: 8.000 cc
WEIGHT : 9.100 ppg	SERIAL NUMBER: 411
CHLORIDES : 900 ppm	REVERSED OUT?: NO
JARS-MAKE : WTC	
DID WELL FLOW?: NO	

RELEASED

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW IN 10 MINUTES.
 FINAL FLOW PERIOD BUILT TO A 6 INCH BLOW - AND
 STARTED DEPLEATING TO 3 INCH BLOW.

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DST REPORT (CONTINUED)

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FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
30.0	1.0	0.0	0.0	99.0	SLIGHTLY OIL CUT MUD

RATE INFORMATION

OIL VOLUME:	0.0015 STB	TOTAL FLOW TIME:	90.0000 min.
GAS VOLUME:	0.0000 SCF	AVERAGE OIL RATE:	2.3604 STB/D
MUD VOLUME:	0.1460 STB	AVERAGE WATER RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB		
TOTAL FLUID :	0.1475 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2843.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	53.00	53.00
INITIAL SHUT-IN	60.00		372.00
FINAL FLOW	60.00	53.00	53.00
FINAL SHUT-IN	90.00		372.00

FINAL HYDROSTATIC PRESSURE: 2843.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2748.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	79.00	60.00
INITIAL SHUT-IN	60.00		391.00
FINAL FLOW	60.00	76.00	74.00
FINAL SHUT-IN	90.00		379.00

FINAL HYDROSTATIC PRESSURE: 2641.00

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PRESSURE TRANSIENT REPORT

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ELEVATION: 3318 KB
SECTION : 16
RANGE : 40W COUNTY: MORTON
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TICKET : 21293
LEASE : MILBURN
GEOLOGIST: CALLEWAERT
FORMATION: KEYS
TOWNSHIP : 31S
STATE : KS
CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	79.00	79.00
5.00	58.00	-21.00
10.00	59.00	1.00
15.00	60.00	1.00
20.00	60.00	0.00
25.00	60.00	0.00
30.00	60.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	62.00	62.00	11.00
6.00	66.00	4.00	6.00
9.00	77.00	11.00	4.33
12.00	91.00	14.00	3.50
15.00	104.00	13.00	3.00
18.00	121.00	17.00	2.67
21.00	136.00	15.00	2.43
24.00	149.00	13.00	2.25
27.00	166.00	17.00	2.11
30.00	179.00	13.00	2.00
33.00	194.00	15.00	1.91
36.00	213.00	19.00	1.83
39.00	230.00	17.00	1.77
42.00	249.00	19.00	1.71
45.00	268.00	19.00	1.67
48.00	289.00	21.00	1.63
51.00	309.00	20.00	1.59
54.00	328.00	19.00	1.56
57.00	348.00	20.00	1.53

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OCT 13 1995

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PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

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Time (min)	Pressure	Delta P	Horner T
60.00	391.00	43.00	1.50

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	76.00	76.00
5.00	70.00	-6.00
10.00	70.00	0.00
15.00	70.00	0.00
20.00	71.00	1.00
25.00	71.00	0.00
30.00	71.00	0.00
35.00	72.00	1.00
40.00	72.00	0.00
45.00	73.00	1.00
50.00	73.00	0.00
55.00	74.00	1.00
60.00	74.00	0.00

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FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	79.00	79.00	21.00
6.00	83.00	4.00	11.00
9.00	90.00	7.00	7.67
12.00	98.00	8.00	6.00
15.00	109.00	11.00	5.00
18.00	117.00	8.00	4.33
21.00	126.00	9.00	3.86
24.00	134.00	8.00	3.50
27.00	143.00	9.00	3.22
30.00	153.00	10.00	3.00
33.00	164.00	11.00	2.82
36.00	174.00	10.00	2.67
39.00	183.00	9.00	2.54
42.00	194.00	11.00	2.43
45.00	204.00	10.00	2.33
48.00	213.00	9.00	2.25

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PRESSURE TRANSIENT REPORT (CONTINUED)

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FINAL SHUT IN (CONTINUED)

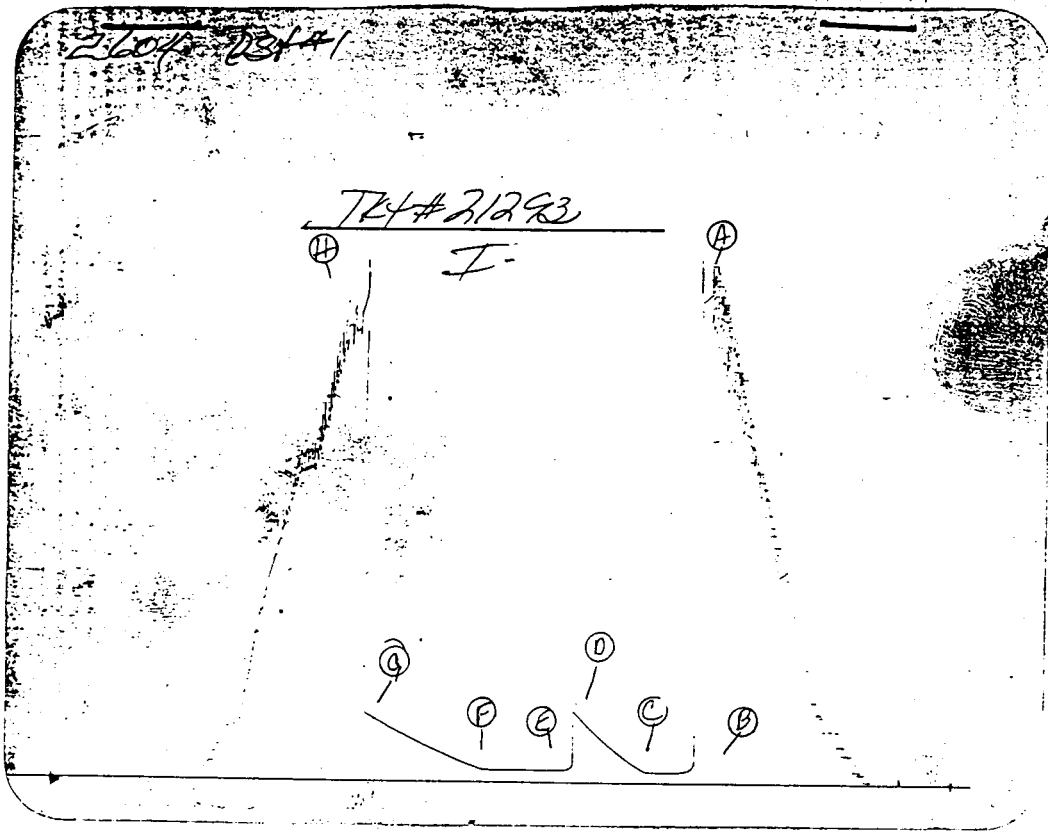
<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
51.00	223.00	10.00	2.18
54.00	236.00	13.00	2.11
57.00	245.00	9.00	2.05
60.00	255.00	10.00	2.00
63.00	266.00	11.00	1.95
66.00	279.00	13.00	1.91
69.00	290.00	11.00	1.87
72.00	300.00	10.00	1.83
75.00	311.00	11.00	1.80
78.00	326.00	15.00	1.77
81.00	340.00	14.00	1.74
84.00	351.00	11.00	1.71
87.00	364.00	13.00	1.69
90.00	379.00	15.00	1.67

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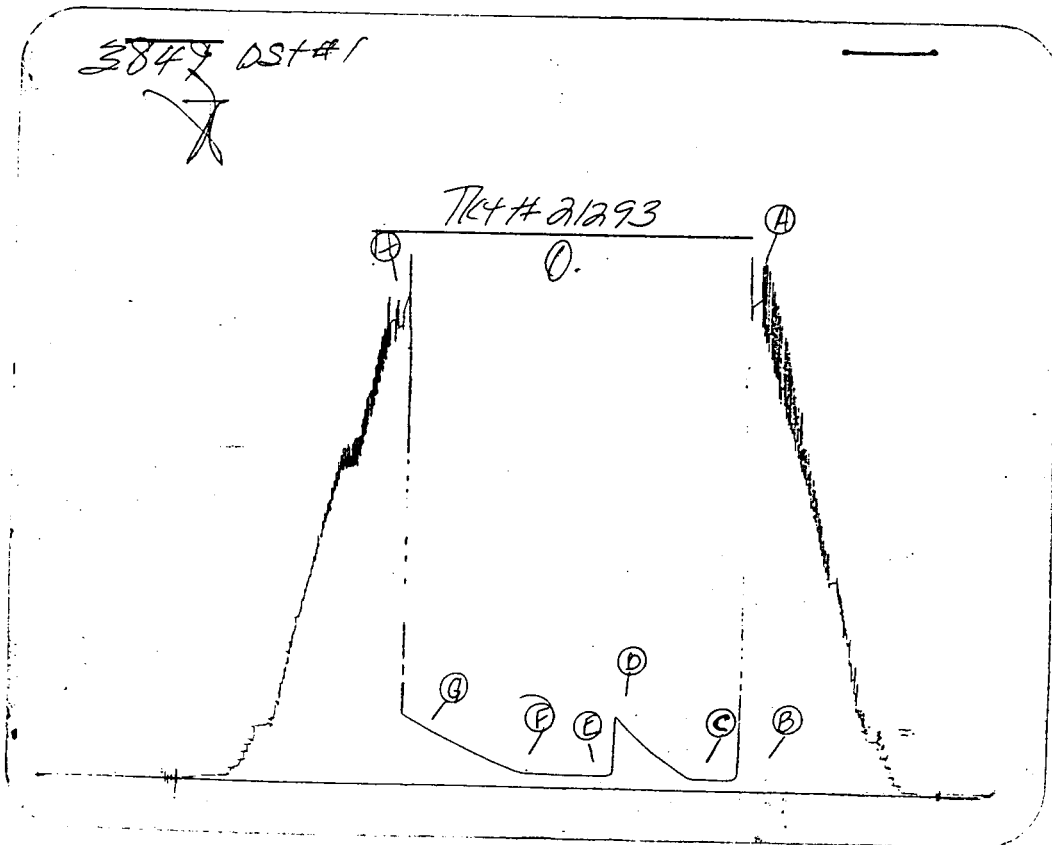
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Inside Recorder



Outside Recorder

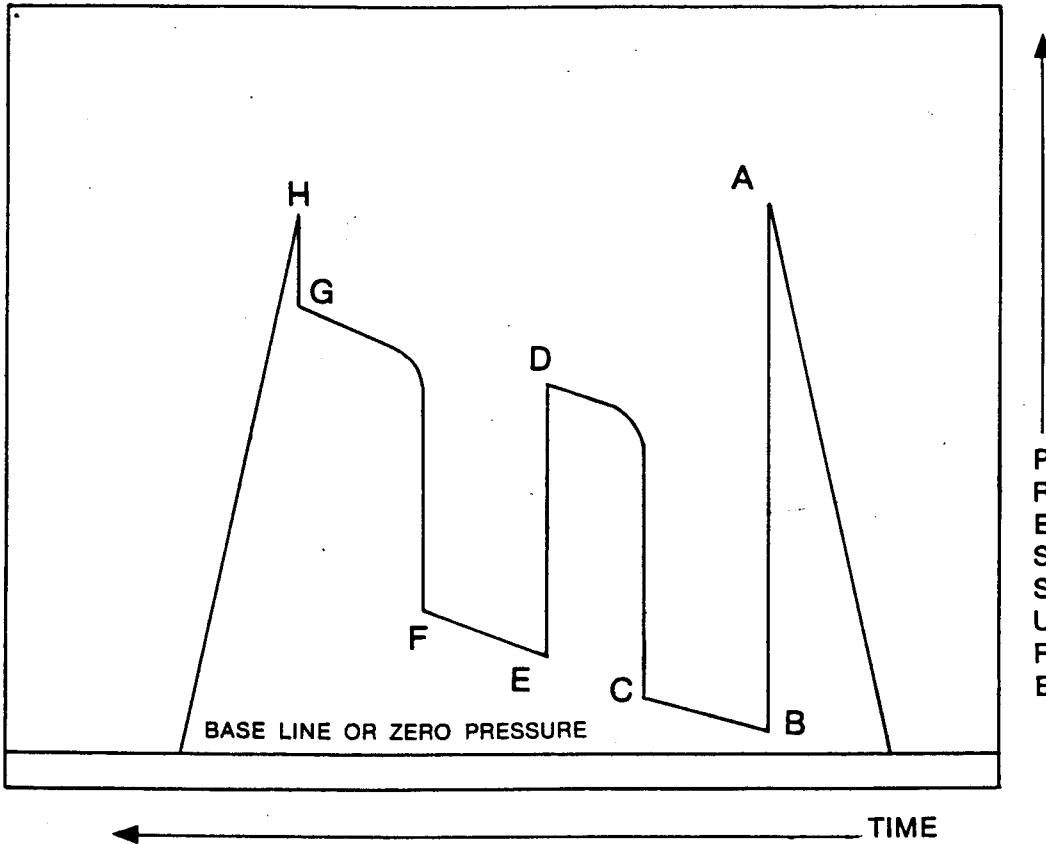
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COMPANY TERMS

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 | E - Second Initial Flow |
| B - First Initial Flow | F - Second Final Flow |
| C - First Final Flow | G - Final Shut-In |
| D - Initial Shut-In | H - Final Hydrostatic |

RELEASED

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