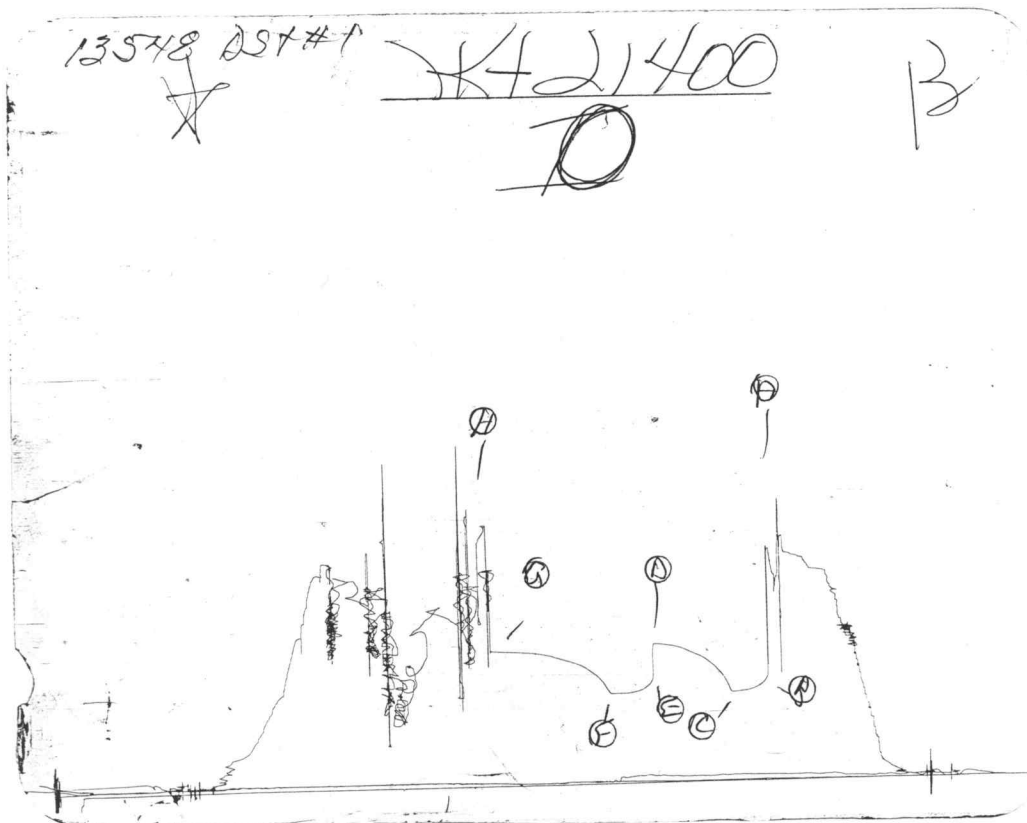


Inside Recorder



Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE : 6-23-95	TICKET : 21400
CUSTOMER : WOOLSEY PETROLEUM CO.	LEASE : LEWIS RALSTIN
WELL : #2 TEST: 1	GEOLOGIST: MAUNE
ELEVATION: 2285 K.B.	FORMATION: CHASE
SECTION : 12	TOWNSHIP : 28S
RANGE : 20W COUNTY: KIOWA	STATE : KS
GAUGE SN#: 13521 RANGE : 4375	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 2517.00 ft	TO: 2553.00 ft	TVD: 2553.0 ft
DEPTH OF SELECTIVE ZONE:		TEST TYPE: OIL
DEPTH OF RECORDERS: 2542.0 ft	2545.0 ft	
TEMPERATURE: 99.0		
DRILL COLLAR LENGTH: 181.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH : 0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH : 2308.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH : 28.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH : 36.0 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: 2512.0 ft	SIZE:	6.630 in
PACKER DEPTH: 2517.0 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. : ALLEN DRLG. #1	
MUD TYPE : CHEMICAL	VISCOSITY : 36.00 cp
WEIGHT : 9.100 ppg	WATER LOSS: 14.400 cc
CHLORIDES : 11000 ppm	
JARS-MAKE : WTC	SERIAL NUMBER: 401
DID WELL FLOW?: NO	REVERSED OUT?: NO

COMMENTS

Comment

FAIR BLOW DEPLEATING TO A WEAK BLOW ON INITIAL FLOW PERIOD. WEAK SURFACE BLOW ON FINAL FLOW PERIOD. SLID TOOL 20FT TO BOTTOM.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
480.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	60.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	5.0839	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	5.0839	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1274.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	506.00	455.00
INITIAL SHUT-IN	60.00		711.00
FINAL FLOW	30.00	506.00	455.00
FINAL SHUT-IN	90.00		711.00

FINAL HYDROSTATIC PRESSURE: 1325.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1276.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	526.00	451.00
INITIAL SHUT-IN	60.00		728.00
FINAL FLOW	30.00	526.00	461.00
FINAL SHUT-IN	90.00		695.00

FINAL HYDROSTATIC PRESSURE: 1330.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 6-23-95	TICKET : 21400
CUSTOMER : WOOLSEY PETROLEUM CO.	LEASE : LEWIS RALSTIN
WELL : #2 TEST: 1	GEOLOGIST: MAUNE
ELEVATION: 2285 K.B.	FORMATION: CHASE
SECTION : 12	TOWNSHIP : 28S
RANGE : 20W COUNTY: KIOWA	STATE : KS
GAUGE SN#: 13521 RANGE : 4375	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	526.00	526.00
5.00	492.00	-34.00
10.00	475.00	-17.00
15.00	465.00	-10.00
20.00	461.00	-4.00
25.00	455.00	-6.00
30.00	451.00	-4.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	526.00	526.00	11.00
6.00	567.00	41.00	6.00
9.00	588.00	21.00	4.33
12.00	604.00	16.00	3.50
15.00	625.00	21.00	3.00
18.00	638.00	13.00	2.67
21.00	656.00	18.00	2.43
24.00	668.00	12.00	2.25
27.00	676.00	8.00	2.11
30.00	685.00	9.00	2.00
33.00	694.00	9.00	1.91
36.00	700.00	6.00	1.83
39.00	706.00	6.00	1.77
42.00	711.00	5.00	1.71
45.00	716.00	5.00	1.67
48.00	720.00	4.00	1.63
51.00	722.00	2.00	1.59
54.00	724.00	2.00	1.56
57.00	726.00	2.00	1.53

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	728.00	2.00	1.50

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	526.00	526.00
5.00	483.00	-43.00
10.00	471.00	-12.00
15.00	466.00	-5.00
20.00	464.00	-2.00
25.00	462.00	-2.00
30.00	461.00	-1.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	506.00	506.00	11.00
6.00	537.00	31.00	6.00
9.00	551.00	14.00	4.33
12.00	567.00	16.00	3.50
15.00	590.00	23.00	3.00
18.00	604.00	14.00	2.67
21.00	615.00	11.00	2.43
24.00	625.00	10.00	2.25
27.00	632.00	7.00	2.11
30.00	639.00	7.00	2.00
33.00	646.00	7.00	1.91
36.00	652.00	6.00	1.83
39.00	658.00	6.00	1.77
42.00	664.00	6.00	1.71
45.00	670.00	6.00	1.67
48.00	675.00	5.00	1.63
51.00	680.00	5.00	1.59
54.00	682.00	2.00	1.56
57.00	684.00	2.00	1.53
60.00	686.00	2.00	1.50
63.00	688.00	2.00	1.48
66.00	689.00	1.00	1.45

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
69.00	690.00	1.00	1.43
72.00	691.00	1.00	1.42
75.00	692.00	1.00	1.40
78.00	693.00	1.00	1.38
81.00	694.00	1.00	1.37
84.00	695.00	1.00	1.36
87.00	695.00	0.00	1.34
90.00	695.00	0.00	1.33

## HORNER ANALYSIS REPORT

### GENERAL INFORMATION

DATE : 6-23-95	TICKET : 21400
CUSTOMER : WOOLSEY PETROLEUM CO.	LEASE : LEWIS RALSTIN
WELL : #2	TEST: 1
ELEVATION: 2285 K.B.	GEOLOGIST: MAUNE
SECTION : 12	FORMATION: CHASE
RANGE : 20W	TOWNSHIP : 28S
COUNTY: KIOWA	STATE : KS
RANGE : 4375	CLOCK : 12
GAUGE SN#: 13521	

### Input Data

Porosity 0.130      Rw: 0.328 ft      h: 6.000 ft

qo 122.0 STB      GOR 162.6 SCF/STB

#### Pvt Data

Evaluation Pressure : 728.0  
 Evaluation Temperature: 99.0

Oil Grav 38.00 API	Gas Grav 0.65 API	Pb 728.00 PSIA
Bo 1.074 RBL/STB	Vis 1.000 cp	Ct 5.2331E-004 1/PSI

### Horner Results

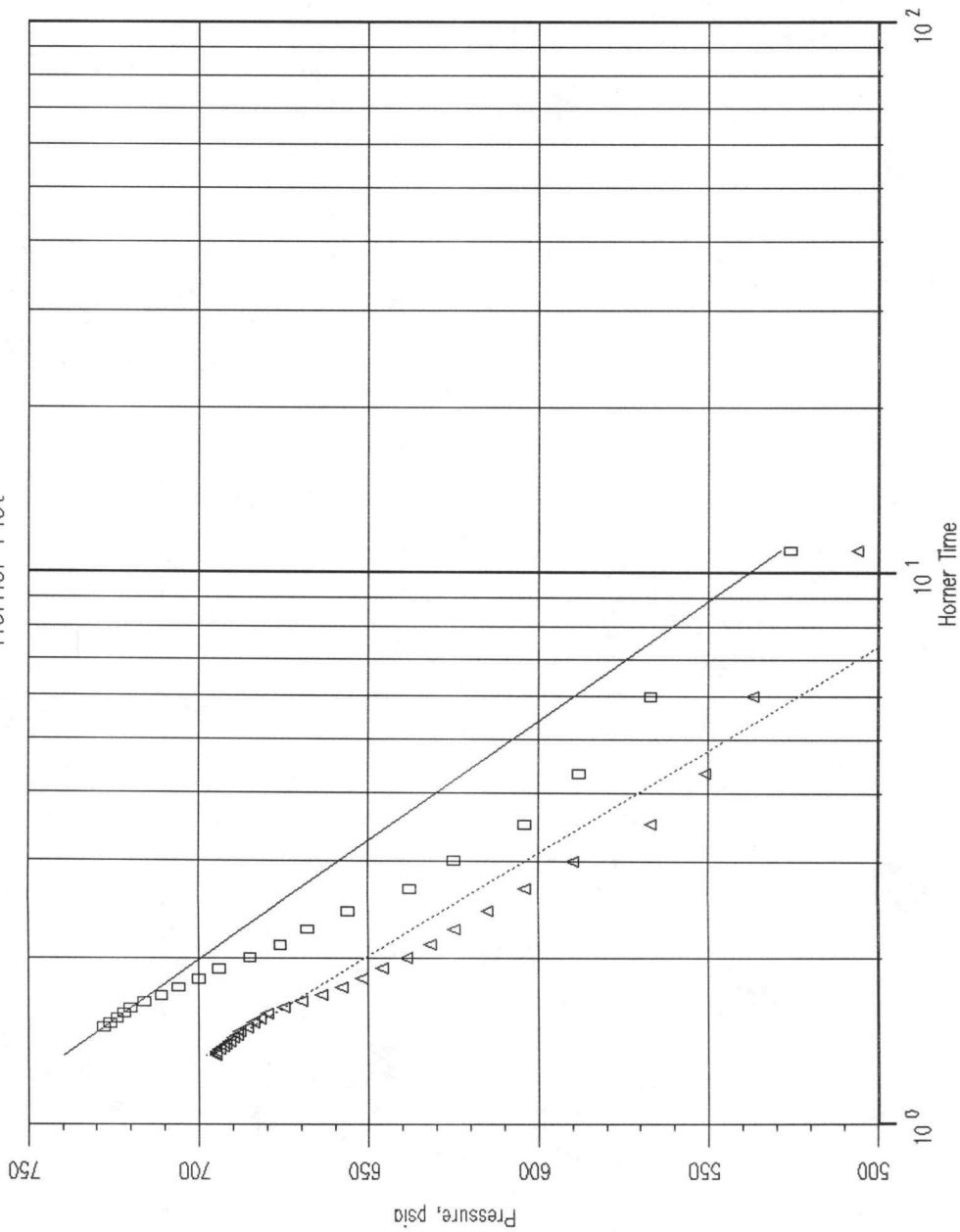
	Initial Shut-In	Final Shut-In
pseudo pressure time	0.50 hrs	0.50 hrs
slope	-229.75	-266.66
pstar	768.27 psig	731.07 psig
plhr	727.81 psig	684.12 psig
skin	-1.63	-1.97
permeability	22.61 md	19.48 md
transmissability	92.74 md-ft/cp	79.90 md-ft/cp
radius of investigation	10.95 ft	10.16 ft
Damage-Ratio	0.39 percent	0.28 percent
Drawdown Factor		4.533 percent
Drawdown P*		4.841 percent

DATE 6-23-95  
 CUSTOMER WOOLSEY PETROLEUM CO.  
 WELL #2  
 ELEVATION 2285 K.B.  
 SECTION 12  
 RANGE 20W  
 GAUGE SN# 13521

TEST 1  
 COUNTY KIOWA  
 RANGE 4375

TICKET 21400  
 LEASE LEWIS RALSTON  
 GEOLOGIST MICHEAL MAUNE  
 FORMATION CHASE  
 TOWNSHIP 28S  
 STATE KS  
 CLOCK 12

Horner Plot

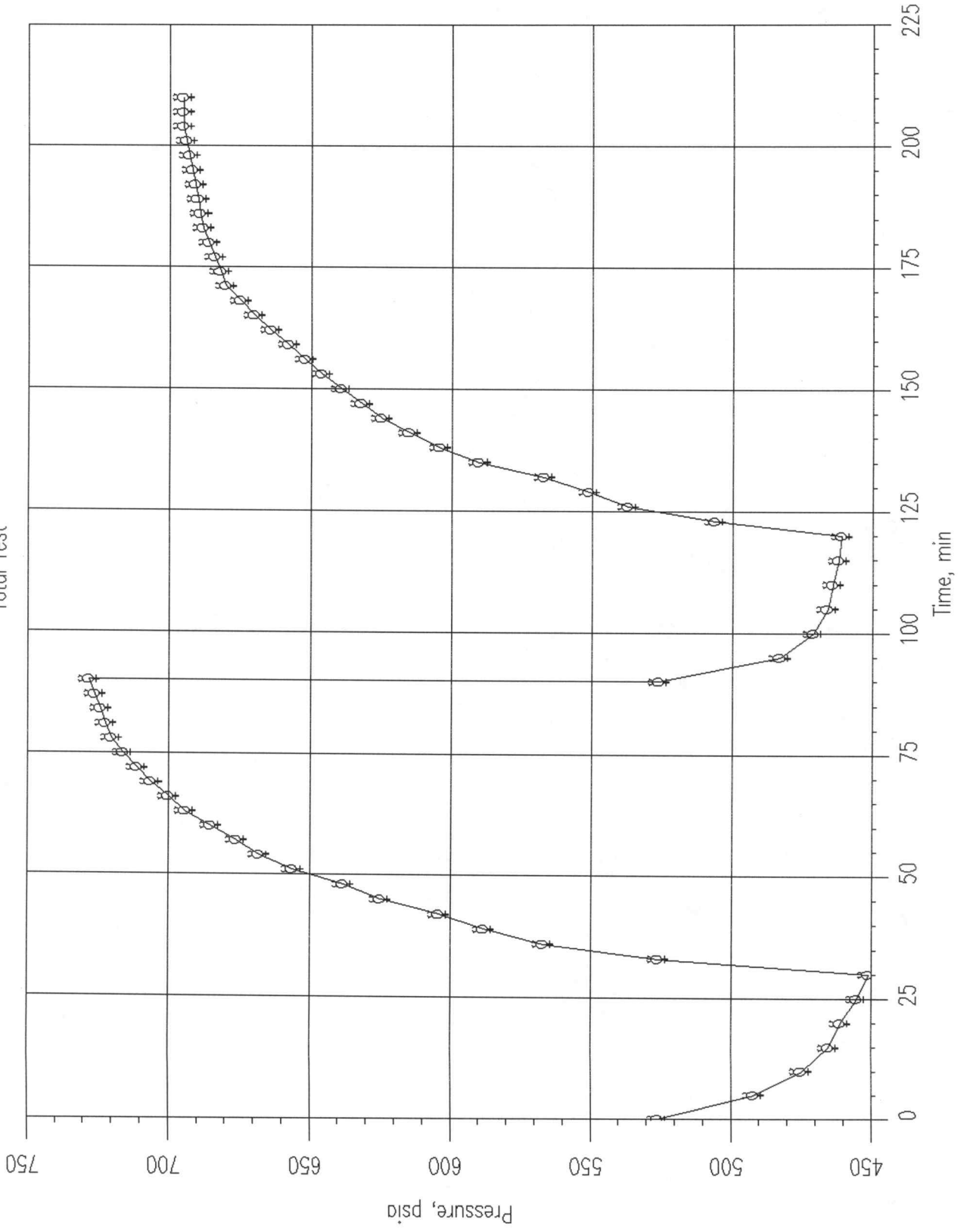


Result

	#1	#2
tp, hrs	0.50	0.50
Slope	-229.75	-266.66
Pstar, psig	768.27	731.07
P1hr, psig	727.81	684.12
Skin	-1.63	-1.97
k, md	22.61	19.48
kh/u, md-ft/cp	92.74	79.90
ri, ft	10.95	10.16
DR, %	0.39	0.28
Drawdown Factor, %		4.533
Drawdown P*, %		4.841

— BUILD 1  
 ..... BUILD 2

# Profile Plot Total Test



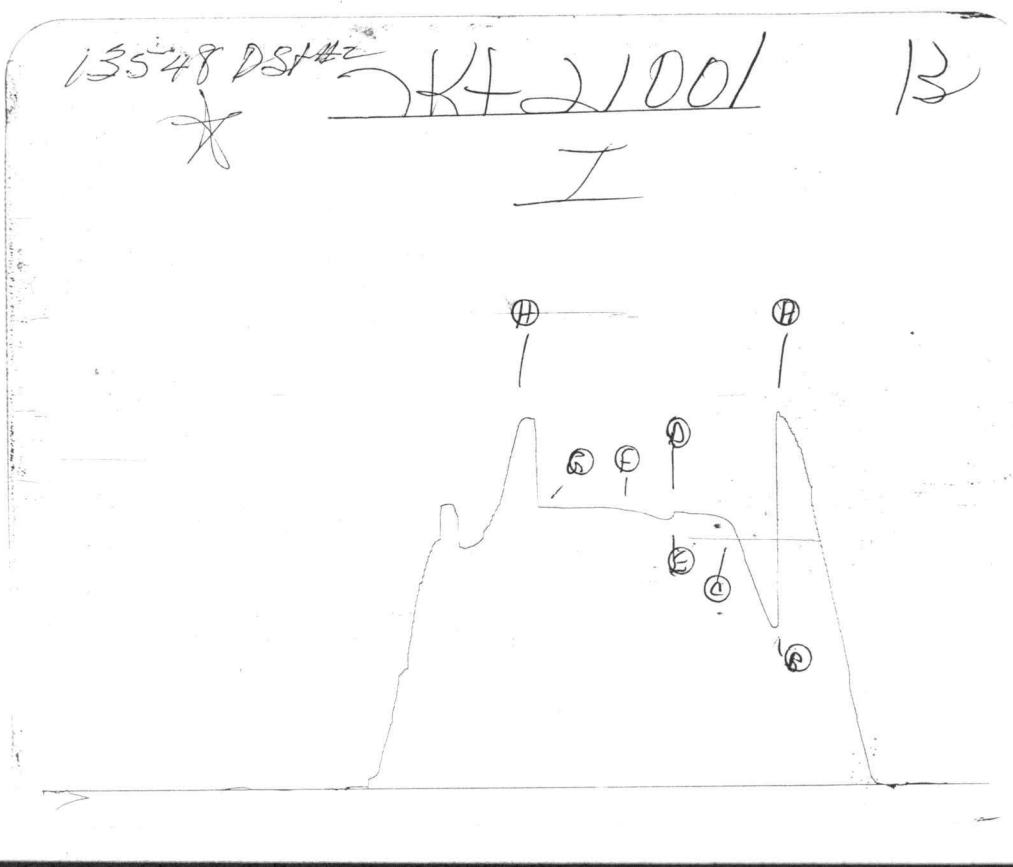
13548 DST#2

KT 21001

13

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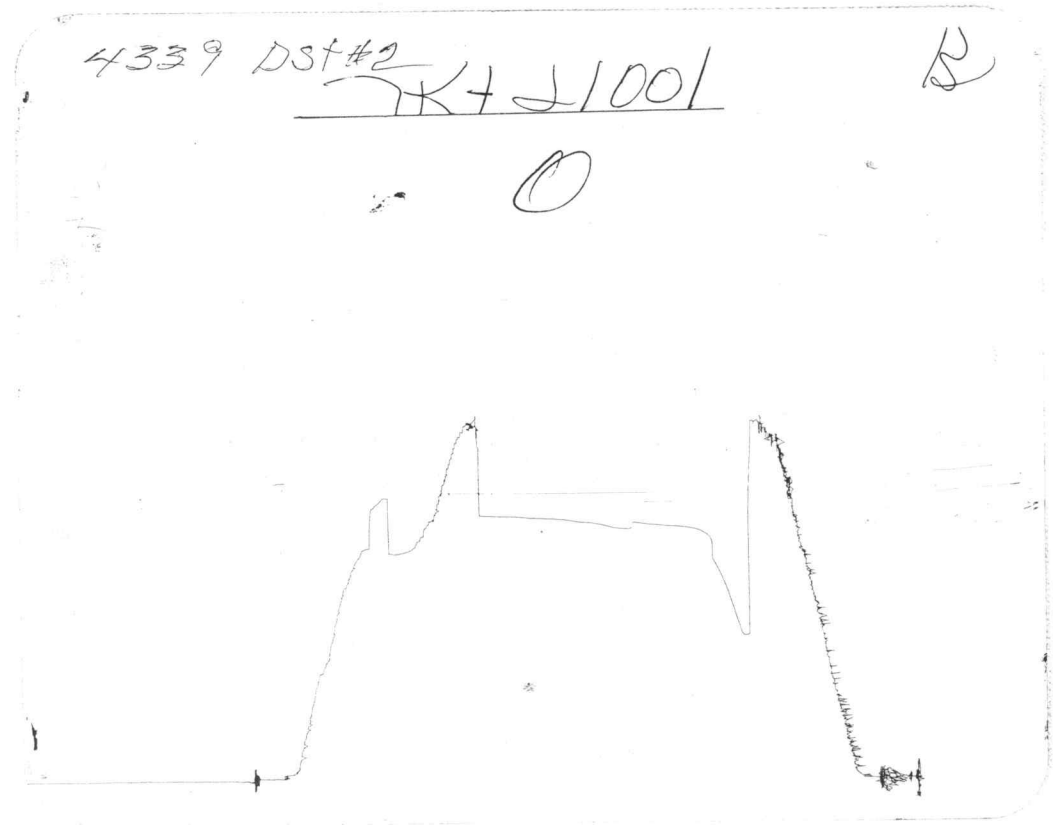
Inside Recorder

4339 DST#2

KT 21001

12

O



Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE : 6-26-95  
CUSTOMER : WOOLSEY PETROLEUM CO.  
WELL : #2 TEST: 2  
ELEVATION: 2285 K.B.  
SECTION : 12  
RANGE : 20W COUNTY: KIOWA  
GAUGE SN#: 13548 RANGE : 4075  
TICKET : 21001  
LEASE : LEWIS RALSTIN  
GEOLOGIST: MAUNE  
FORMATION: TORONTO  
TOWNSHIP : 28S  
STATE : KS  
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4133.00 ft TO: 4160.00 ft TVD: 4160.0 ft  
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL  
DEPTH OF RECORDERS: 4151.0 ft 4154.0 ft  
TEMPERATURE: 113.0  
DRILL COLLAR LENGTH: 0.0 ft I.D.: 0.000 in  
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in  
DRILL PIPE LENGTH : 4105.0 ft I.D.: 3.800 in  
TEST TOOL LENGTH : 28.0 ft TOOL SIZE : 5.500 in  
ANCHOR LENGTH : 27.0 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: 4128.0 ft SIZE: 6.630 in  
PACKER DEPTH: 4133.0 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. : ALLEN DRLG. #1  
MUD TYPE : CHEMICAL VISCOSITY : 44.00 cp  
WEIGHT : 9.100 ppg WATER LOSS: 12.000 cc  
CHLORIDES : 6000 ppm  
JARS-MAKE : WTC SERIAL NUMBER: 405  
DID WELL FLOW?: NO REVERSED OUT?: YES

COMMENTS

Comment

INITIAL FLOW PERIOD-STRONG BLOW IN 1 MINUTE.  
FINAL FLOW PERIOD-STRONG BLOW-DEPLEATING TO A WEAK  
BLOW AFTER 30 MINUTES.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
150.0	0.0	0.0	0.0	100.0	MUD
2900.0	0.0	0.0	100.0	0.0	WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 138,000 PPM

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	60.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	2.1040	STB	AVERAGE WATER RATE:	976.2343	STB/D
WATER VOLUME:	40.6764	STB			
TOTAL FLUID :	42.7804	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1989.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	814.00	1426.00
INITIAL SHUT-IN	60.00		1457.00
FINAL FLOW	30.00	1406.00	1426.00
FINAL SHUT-IN	90.00		1477.00

FINAL HYDROSTATIC PRESSURE: 1969.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1989.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	825.00	1325.00
INITIAL SHUT-IN	60.00		1400.00
FINAL FLOW	30.00	1390.00	1441.00
FINAL SHUT-IN	75.00		1459.00

FINAL HYDROSTATIC PRESSURE: 1969.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 6-26-95	TICKET	: 21001
CUSTOMER	: WOOLSEY PETROLEUM CO.	LEASE	: LEWIS RALSTIN
WELL	: #2	TEST:	2
ELEVATION:	2285 K.B.	GEOLOGIST:	MAUNE
SECTION	: 12	FORMATION:	TORONTO
RANGE	: 20W	TOWNSHIP	: 28S
GAUGE SN#:	13548	COUNTY:	KIOWA
		RANGE	: 4075
		STATE	: KS
		CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	825.00	825.00
5.00	839.00	14.00
10.00	923.00	84.00
15.00	1034.00	111.00
20.00	1121.00	87.00
25.00	1213.00	92.00
30.00	1325.00	112.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	1336.00	1336.00	0.00
6.00	1360.00	24.00	0.00
9.00	1372.00	12.00	0.00
12.00	1376.00	4.00	0.00
15.00	1384.00	8.00	0.00
18.00	1386.00	2.00	0.00
21.00	1388.00	2.00	0.00
24.00	1390.00	2.00	0.00
27.00	1392.00	2.00	0.00
30.00	1394.00	2.00	0.00
33.00	1396.00	2.00	0.00
36.00	1398.00	2.00	0.00
39.00	1400.00	2.00	0.00
42.00	1400.00	0.00	0.00
45.00	1400.00	0.00	0.00
48.00	1400.00	0.00	0.00
51.00	1400.00	0.00	0.00
54.00	1400.00	0.00	0.00
57.00	1400.00	0.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	1400.00	0.00	0.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	1390.00	1390.00
5.00	1392.00	2.00
10.00	1394.00	2.00
15.00	1406.00	12.00
20.00	1420.00	14.00
25.00	1432.00	12.00
30.00	1441.00	9.00

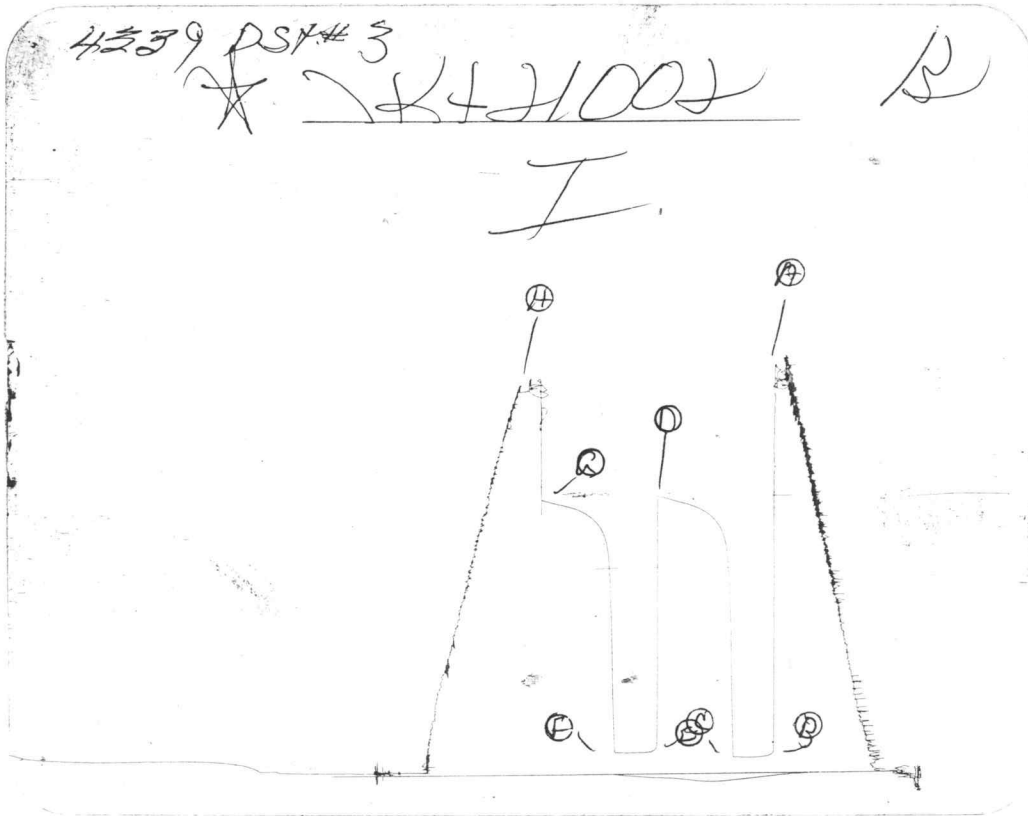
FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	1443.00	1443.00	0.00
6.00	1447.00	4.00	0.00
9.00	1453.00	6.00	0.00
12.00	1455.00	2.00	0.00
15.00	1455.00	0.00	0.00
18.00	1457.00	2.00	0.00
21.00	1459.00	2.00	0.00
24.00	1459.00	0.00	0.00
27.00	1459.00	0.00	0.00
30.00	1459.00	0.00	0.00
33.00	1459.00	0.00	0.00
36.00	1459.00	0.00	0.00
39.00	1459.00	0.00	0.00
42.00	1459.00	0.00	0.00
45.00	1459.00	0.00	0.00
48.00	1459.00	0.00	0.00
51.00	1459.00	0.00	0.00
54.00	1459.00	0.00	0.00
57.00	1459.00	0.00	0.00
60.00	1459.00	0.00	0.00
63.00	1459.00	0.00	0.00
66.00	1459.00	0.00	0.00

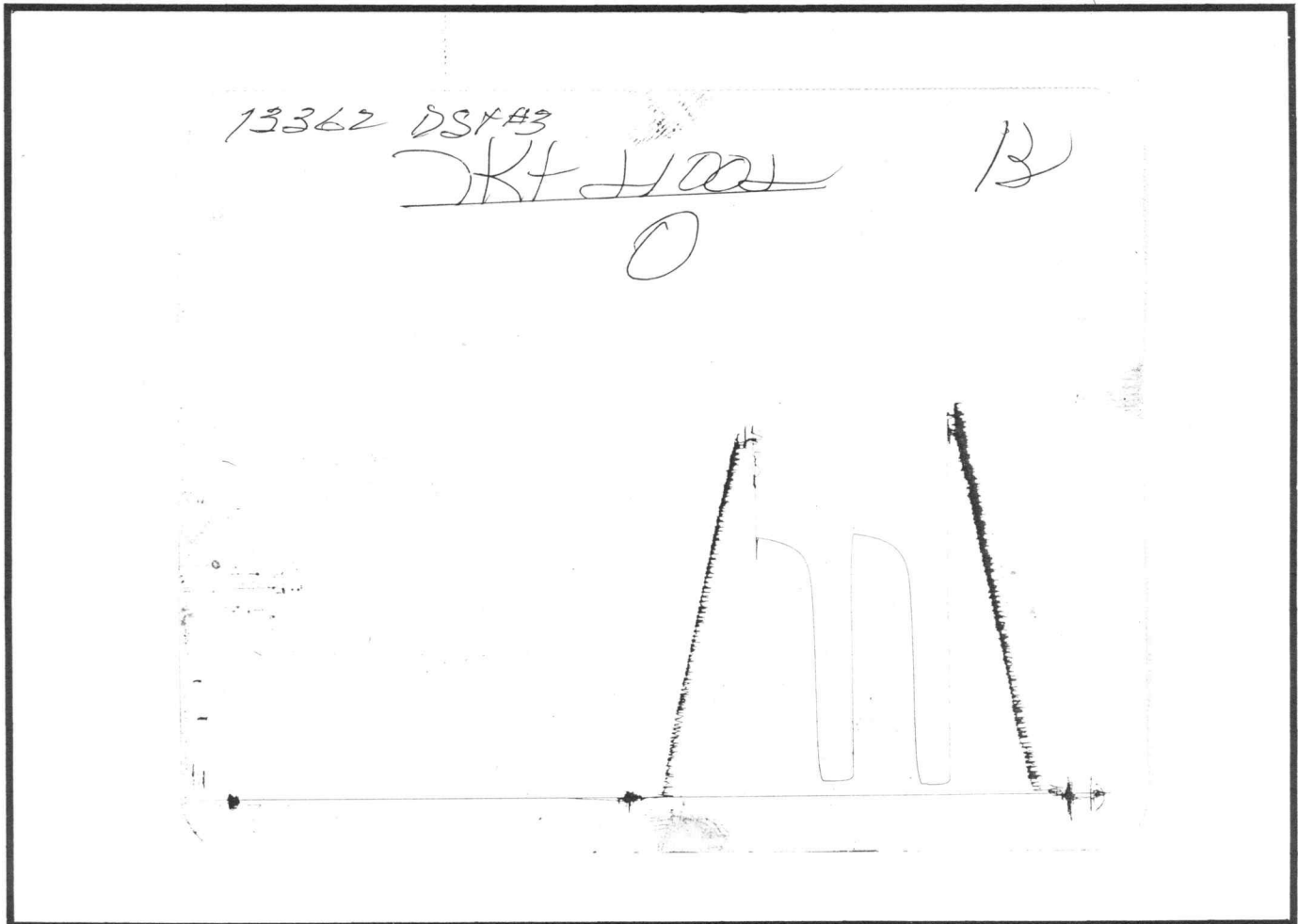
PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
69.00	1459.00	0.00	0.00
72.00	1459.00	0.00	0.00
75.00	1459.00	0.00	0.00



Inside Recorder



Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE : 6-28-95  
CUSTOMER : WOOLSEY PETROLEUM CO.  
WELL : #2 TEST: 3  
ELEVATION: 2285 K.B.  
SECTION : 12  
RANGE : 20W COUNTY: KIOWA  
GAUGE SN#: 4339 RANGE : 4300  
TICKET : 21002  
LEASE : LEWIS RALSTIN  
GEOLOGIST: MAUNE  
FORMATION: KANSAS CITY  
TOWNSHIP : 28S  
STATE : KS  
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4590.00 ft TO: 4645.00 ft TVD: 4645.0 ft  
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL  
DEPTH OF RECORDERS: 4593.0 ft 4596.0 ft  
TEMPERATURE: 118.0  
DRILL COLLAR LENGTH: 0.0 ft I.D.: 0.000 in  
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in  
DRILL PIPE LENGTH : 4562.0 ft I.D.: 3.800 in  
TEST TOOL LENGTH : 28.0 ft TOOL SIZE : 5.500 in  
ANCHOR LENGTH : 55.0 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: 4585.0 ft SIZE: 6.630 in  
PACKER DEPTH: 4590.0 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. : ALLEN DRLG. #1  
MUD TYPE : CHEMICAL VISCOSITY : 49.00 cp  
WEIGHT : 9.300 ppg WATER LOSS: 9.600 cc  
CHLORIDES : 2000 ppm  
JARS-MAKE : WTC SERIAL NUMBER: 405  
DID WELL FLOW?: NO REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD-VERY WEAK SURFACE BLOW.  
FINAL FLOW PERIOD-VERY WEAK SURFACE BLOW FOR 20  
MINUTES AND DIED.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
105.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	60.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	1.4728	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	1.4728	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2320.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	106.00	106.00
INITIAL SHUT-IN	60.00		1614.00
FINAL FLOW	30.00	98.00	98.00
FINAL SHUT-IN	60.00		1593.00

FINAL HYDROSTATIC PRESSURE: 2211.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2320.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	102.00	102.00
INITIAL SHUT-IN	60.00		1606.00
FINAL FLOW	30.00	131.00	131.00
FINAL SHUT-IN	60.00		1586.00

FINAL HYDROSTATIC PRESSURE: 2211.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 6-28-95	TICKET : 21002
CUSTOMER : WOOLSEY PETROLEUM CO.	LEASE : LEWIS RALSTIN
WELL : #2	TEST: 3
ELEVATION: 2285 K.B.	GEOLOGIST: MAUNE
SECTION : 12	FORMATION: KANSAS CITY
RANGE : 20W	TOWNSHIP : 28S
COUNTY: KIOWA	STATE : KS
Gauge SN#: 4339	RANGE : 4300
	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	102.00	102.00
5.00	102.00	0.00
10.00	102.00	0.00
15.00	102.00	0.00
20.00	102.00	0.00
25.00	102.00	0.00
30.00	102.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	957.00	957.00	0.00
6.00	1353.00	396.00	0.00
9.00	1429.00	76.00	0.00
12.00	1462.00	33.00	0.00
15.00	1464.00	2.00	0.00
18.00	1502.00	38.00	0.00
21.00	1512.00	10.00	0.00
24.00	1528.00	16.00	0.00
27.00	1538.00	10.00	0.00
30.00	1547.00	9.00	0.00
33.00	1554.00	7.00	0.00
36.00	1560.00	6.00	0.00
39.00	1564.00	4.00	0.00
42.00	1571.00	7.00	0.00
45.00	1577.00	6.00	0.00
48.00	1589.00	12.00	0.00
51.00	1593.00	4.00	0.00
54.00	1597.00	4.00	0.00
57.00	1603.00	6.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	1606.00	3.00	0.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	131.00	131.00
5.00	131.00	0.00
10.00	131.00	0.00
15.00	131.00	0.00
20.00	131.00	0.00
25.00	131.00	0.00
30.00	131.00	0.00

FINAL SHUT IN

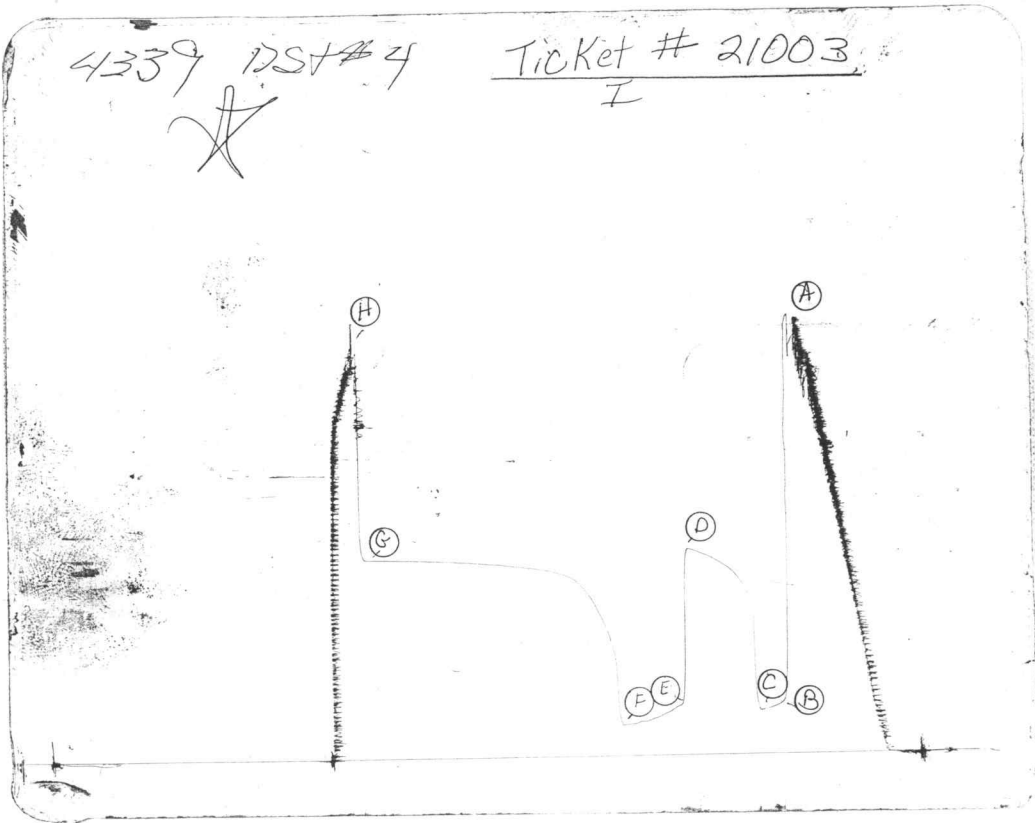
<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	1057.00	1057.00	0.00
6.00	1342.00	285.00	0.00
9.00	1418.00	76.00	0.00
12.00	1451.00	33.00	0.00
15.00	1473.00	22.00	0.00
18.00	1493.00	20.00	0.00
21.00	1506.00	13.00	0.00
24.00	1517.00	11.00	0.00
27.00	1525.00	8.00	0.00
30.00	1534.00	9.00	0.00
33.00	1538.00	4.00	0.00
36.00	1549.00	11.00	0.00
39.00	1554.00	5.00	0.00
42.00	1556.00	2.00	0.00
45.00	1562.00	6.00	0.00
48.00	1571.00	9.00	0.00
51.00	1577.00	6.00	0.00
54.00	1580.00	3.00	0.00
57.00	1584.00	4.00	0.00
60.00	1586.00	2.00	0.00

4339 DST#4

Ticket # 21003

X

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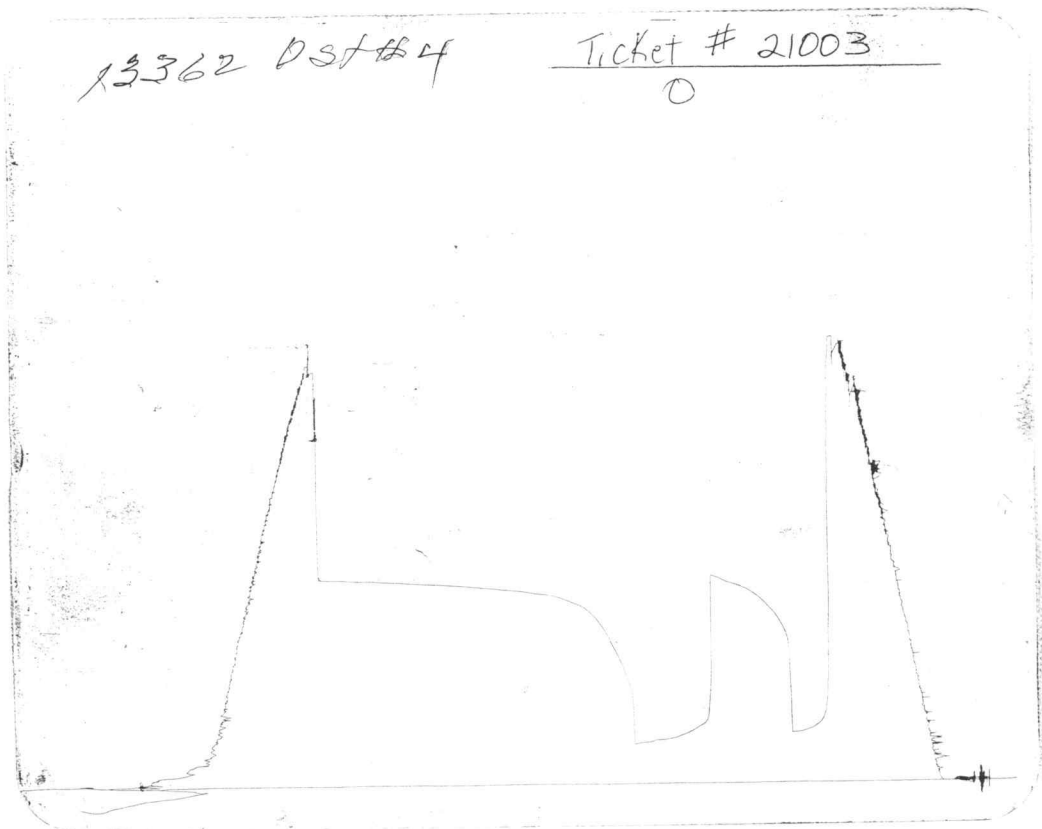


Inside Recorder

13362 DST#4

Ticket # 21003

O



Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE : 6-30-95  
CUSTOMER : WOOLSEY PETROLEUM CO.  
WELL : #2 TEST: 4  
ELEVATION: 2285 K.B.  
SECTION : 12  
RANGE : 20W COUNTY: KIOWA  
GAUGE SN#: 4339 RANGE : 4300  
TICKET : 21003  
LEASE : LEWIS RALSTIN  
GEOLOGIST: MAUNE  
FORMATION: MISSISSIPPI  
TOWNSHIP : 28S  
STATE : KS  
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4858.00 ft TO: 4890.00 ft TVD: 4890.0 ft  
DEPTH OF SELECTIVE ZONE: TEST TYPE: GAS  
DEPTH OF RECORDERS: 4880.0 ft 4883.0 ft  
TEMPERATURE: 122.0  
DRILL COLLAR LENGTH: 0.0 ft I.D.: 0.000 in  
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in  
DRILL PIPE LENGTH : 4830.0 ft I.D.: 3.800 in  
TEST TOOL LENGTH : 28.0 ft TOOL SIZE : 5.500 in  
ANCHOR LENGTH : 32.0 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: 4853.0 ft SIZE: 6.630 in  
PACKER DEPTH: 4858.0 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. : ALLEN DRLG. #1  
MUD TYPE : CHEMICAL VISCOSITY : 53.00 cp  
WEIGHT : 9.300 ppg WATER LOSS: 9.600 cc  
CHLORIDES : 7000 ppm  
JARS-MAKE : WTC SERIAL NUMBER: 405  
DID WELL FLOW?: NO REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD-STRONG BLOW-GAS TO SURFACE IN  
3 MINUTES. SEE ATTACHED SHEET.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
180.0	25.0	5.0	0.0	70.0	GAS & OIL CUT MUD

RATE INFORMATION

OIL VOLUME: 0.6312 STB	TOTAL FLOW TIME: 90.0000 min.
GAS VOLUME: 0.7088 SCF	AVERAGE OIL RATE: 38.3761 STB/D
MUD VOLUME: 1.7673 STB	AVERAGE WATER RATE: 0.0000 STB/D
WATER VOLUME: 0.0000 STB	
TOTAL FLUID : 2.3985 STB	

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2484.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	306.00	272.00
INITIAL SHUT-IN	60.00		1177.00
FINAL FLOW	60.00	284.00	170.00
FINAL SHUT-IN	240.00		1177.00

FINAL HYDROSTATIC PRESSURE: 2430.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2472.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	746.00	251.00
INITIAL SHUT-IN	60.00		1226.00
FINAL FLOW	60.00	452.00	184.00
FINAL SHUT-IN	240.00		1186.00

FINAL HYDROSTATIC PRESSURE: 2354.00

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 6-30-95	TICKET : 21003
CUSTOMER : WOOLSEY PETROLEUM CO.	LEASE : LEWIS RALSTIN
WELL : #2	TEST: 4
ELEVATION: 2285 K.B.	GEOLOGIST: MAUNE
SECTION : 12	FORMATION: MISSISSIPPI
RANGE : 20W	COUNTY: KIOWA
GAUGE SN#: 4339	RANGE : 4300
	STATE : KS
	CLOCK : 12

PRE FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
5 MIN	MERLA	1.000	12 PSIG	526000 SCF/D
10 MIN	MERLA	1.000	16 PSIG	627000 SCF/D
15 MIN	MERLA	1.000	16 PSIG	627000 SCF/D
20 MIN	MERLA	1.000	16 PSIG	627000 SCF/D
25 MIN	MERLA	1.000	16 PSIG	627000 SCF/D
30 MIN	MERLA	1.000	16 PSIG	627000 SCF/D

SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
5 MIN	MERLA	1.000	14 PSIG	577000 SCF/D
10 MIN	MERLA	1.000	16 PSIG	627000 SCF/D
15 MIN	MERLA	1.000	16 PSIG	627000 SCF/D
20 MIN	MERLA	1.000	16 PSIG	627000 SCF/D
25 MIN	MERLA	1.000	16 PSIG	627000 SCF/D
30 MIN	MERLA	1.000	16 PSIG	627000 SCF/D
35 MIN	MERLA	1.000	16 PSIG	627000 SCF/D
40 MIN	MERLA	1.000	16 PSIG	627000 SCF/D
45 MIN	MERLA	1.000	16 PSIG	627000 SCF/D
50 MIN	MERLA	1.000	16 PSIG	627000 SCF/D
55 MIN	MERLA	1.000	16 PSIG	627000 SCF/D
60 MIN	MERLA	1.000	16 PSIG	627000 SCF/D

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 6-30-95	TICKET : 21003
CUSTOMER : WOOLSEY PETROLEUM CO.	LEASE : LEWIS RALSTIN
WELL : #2 TEST: 4	GEOLOGIST: MAUNE
ELEVATION: 2285 K.B.	FORMATION: MISSISSIPPI
SECTION : 12	TOWNSHIP : 28S
RANGE : 20W COUNTY: KIOWA	STATE : KS
GAUGE SN#: 4339 RANGE : 4300	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	746.00	746.00
5.00	291.00	-455.00
10.00	274.00	-17.00
15.00	262.00	-12.00
20.00	257.00	-5.00
25.00	253.00	-4.00
30.00	251.00	-2.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	928.00	928.00	11.00
6.00	968.00	40.00	6.00
9.00	1003.00	35.00	4.33
12.00	1032.00	29.00	3.50
15.00	1056.00	24.00	3.00
18.00	1079.00	23.00	2.67
21.00	1098.00	19.00	2.43
24.00	1115.00	17.00	2.25
27.00	1130.00	15.00	2.11
30.00	1143.00	13.00	2.00
33.00	1155.00	12.00	1.91
36.00	1166.00	11.00	1.83
39.00	1176.00	10.00	1.77
42.00	1185.00	9.00	1.71
45.00	1193.00	8.00	1.67
48.00	1201.00	8.00	1.63
51.00	1207.00	6.00	1.59
54.00	1214.00	7.00	1.56
57.00	1220.00	6.00	1.53

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	1226.00	6.00	1.50

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	452.00	452.00
5.00	274.00	-178.00
10.00	267.00	-7.00
15.00	250.00	-17.00
20.00	239.00	-11.00
25.00	223.00	-16.00
30.00	217.00	-6.00
35.00	202.00	-15.00
40.00	219.00	17.00
45.00	189.00	-30.00
50.00	191.00	2.00
55.00	187.00	-4.00
60.00	184.00	-3.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	628.00	628.00	21.00
6.00	690.00	62.00	11.00
9.00	750.00	60.00	7.67
12.00	801.00	51.00	6.00
15.00	847.00	46.00	5.00
18.00	891.00	44.00	4.33
21.00	930.00	39.00	3.86
24.00	965.00	35.00	3.50
27.00	995.00	30.00	3.22
30.00	1019.00	24.00	3.00
33.00	1038.00	19.00	2.82
36.00	1054.00	16.00	2.67
39.00	1067.00	13.00	2.54
42.00	1077.00	10.00	2.43
45.00	1085.00	8.00	2.33
48.00	1091.00	6.00	2.25

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
51.00	1096.00	5.00	2.18
54.00	1101.00	5.00	2.11
57.00	1105.00	4.00	2.05
60.00	1109.00	4.00	2.00
63.00	1113.00	4.00	1.95
66.00	1116.00	3.00	1.91
69.00	1120.00	4.00	1.87
72.00	1123.00	3.00	1.83
75.00	1126.00	3.00	1.80
78.00	1128.00	2.00	1.77
81.00	1131.00	3.00	1.74
84.00	1133.00	2.00	1.71
87.00	1136.00	3.00	1.69
90.00	1138.00	2.00	1.67
93.00	1141.00	3.00	1.65
96.00	1143.00	2.00	1.63
99.00	1145.00	2.00	1.61
102.00	1147.00	2.00	1.59
105.00	1149.00	2.00	1.57
108.00	1151.00	2.00	1.56
111.00	1152.00	1.00	1.54
114.00	1154.00	2.00	1.53
117.00	1155.00	1.00	1.51
120.00	1157.00	2.00	1.50
123.00	1158.00	1.00	1.49
126.00	1160.00	2.00	1.48
129.00	1161.00	1.00	1.47
132.00	1162.00	1.00	1.45
135.00	1163.00	1.00	1.44
138.00	1164.00	1.00	1.43
141.00	1166.00	2.00	1.43
144.00	1167.00	1.00	1.42
147.00	1168.00	1.00	1.41
150.00	1168.00	0.00	1.40
153.00	1170.00	2.00	1.39
156.00	1170.00	0.00	1.38
159.00	1171.00	1.00	1.38
162.00	1172.00	1.00	1.37
165.00	1173.00	1.00	1.36
168.00	1173.00	0.00	1.36
171.00	1174.00	1.00	1.35
174.00	1175.00	1.00	1.34
177.00	1176.00	1.00	1.34
180.00	1177.00	1.00	1.33
183.00	1177.00	0.00	1.33
186.00	1178.00	1.00	1.32

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
189.00	1178.00	0.00	1.32
192.00	1179.00	1.00	1.31
195.00	1180.00	1.00	1.31
198.00	1180.00	0.00	1.30
201.00	1181.00	1.00	1.30
204.00	1181.00	0.00	1.29
207.00	1182.00	1.00	1.29
210.00	1182.00	0.00	1.29
213.00	1183.00	1.00	1.28
216.00	1183.00	0.00	1.28
219.00	1183.00	0.00	1.27
222.00	1183.00	0.00	1.27
225.00	1184.00	1.00	1.27
228.00	1184.00	0.00	1.26
231.00	1185.00	1.00	1.26
234.00	1185.00	0.00	1.26
237.00	1186.00	1.00	1.25
240.00	1186.00	0.00	1.25

Company: Woolsey Petroleum Corp.  
 Well: Lewis Ralston #2, DST #4  
 Field: --

06-30-1995

Gauge Depth ..... 4880.0 feet

[ INPUT PARAMETERS ]  
 (Build-Up Analysis)

Well Type - GAS

Reservoir Pressure	psia	P	1227
Reservoir Temperature	Deg F	T	124
Final Shut-in Pressure	psia	Psi	1186
Final Flowing Pressure	psia	Pwf	184
Gas Flow Rate	mcf	Qg	627
Sand Thickness	feet	hnet	10
Wellbore Radius	feet	rw	0.3250
Formation Porosity	%	POR	10
Extrapolated Pressure	psia	P*	1227
Extrapolated Pseudo-Pressure @ 1hr	psi <sup>2</sup> /cp		1022.20E+05
Semi-Log Slope Pseudo-Pressure	(psi <sup>2</sup> /cp/cycle)		-5626.26E+04
Production Time	hrs	tp	1.50
Shut-in Time	hrs	tsi	4.00

Ug (cp)	1.3998E-02	Bg (ft <sup>3</sup> /scf)	1.1788E-02
Cg (1/psi)	9.0020E-04	Ct (1/psi)	6.3590E-04

[ CALCULATED RESULTS ]

(Semi-Log) Analysis	Pseudo-Pressure Method		
Transmissibility	md-ft/cp	kh/u	758.801
Flow Capacity	md-ft	kh	10.621
Permeability	md	k	1.062
Skin Damage	total	S	-2.37
Pressure Drop due to Skin	psia	dP	+0.00
Flow Efficiency	%	FE	+100.00
Drainage Radius	feet	rd	63

D.R.S.

Company: Woolsey Petroleum Corp.  
 Well: Lewis Ralston #2, DST #4  
 Field: --

06-30-1995

Gauge Depth ..... 4880.0 feet

[ INPUT PARAMETERS ]  
 (Build-Up Analysis)

Well Type - GAS

Reservoir Pressure	psia	P	1227
Reservoir Temperature	Deg F	T	124
Final Shut-in Pressure	psia	Psi	1186
Final Flowing Pressure	psia	Pwf	184
Gas Flow Rate	mcf	Qg	627
Sand Thickness	feet	hnet	10
Wellbore Radius	feet	rw	0.3250
Formation Porosity	%	POR	10
Extrapolated Pressure	psia	P*	1227
Extrapolated Press @ 1hr	psia	P1hr	1112
Semi-Log Slope	psi/cycle	M	-295.338
Production Time	hrs	tp	1.45
Shut-in Time	hrs	tsi	4.00

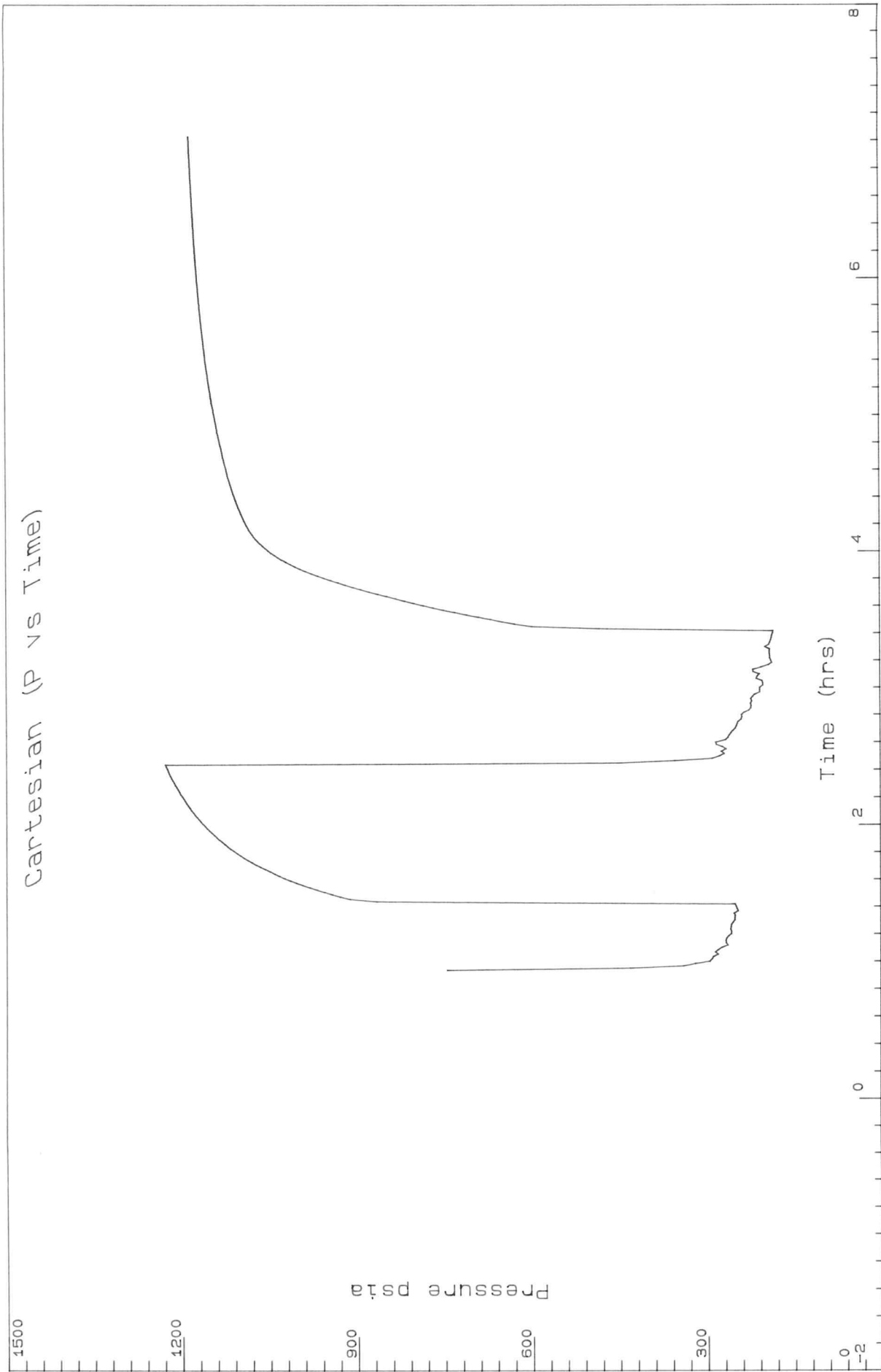
Ug (cp) 1.3998E-02  
 Cg (1/psi) 9.0020E-04

Bg (ft<sup>3</sup>/scf) 1.1788E-02  
 Ct (1/psi) 6.3590E-04

[ CALCULATED RESULTS ]

(Semi-Log) Analysis		Pressure Method	
Transmissibility	md-ft/cp	kh/u	724.699
Flow Capacity	md-ft	kh	10.144
Permeability	md	k	1.014
Skin Damage	total	S	-0.76
Pressure Drop due to Skin	psia	dP	+0.00
Flow Efficiency	%	FE	+100.00
Drainage Radius	feet	rd	62

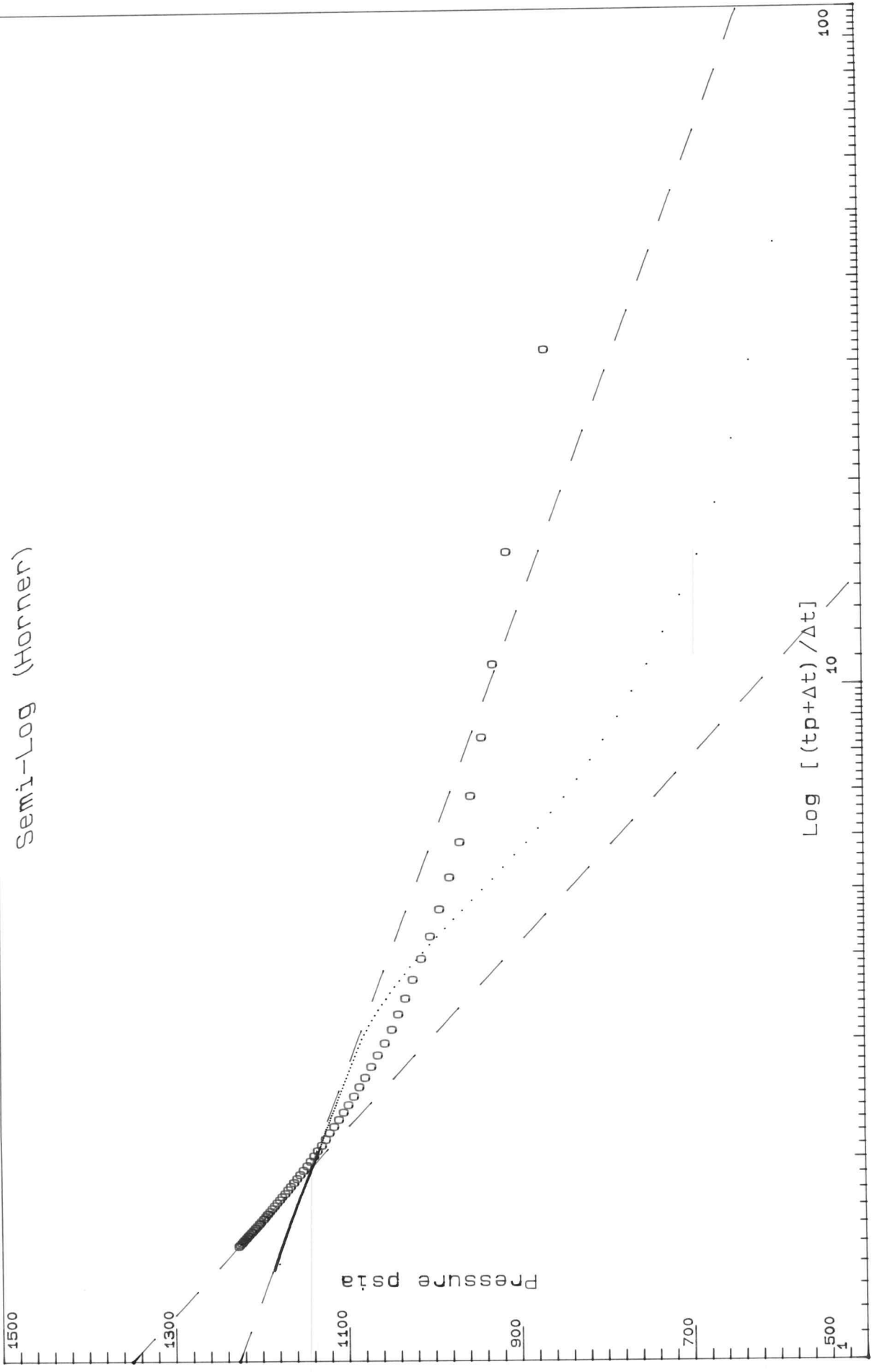
D.R.S.



Company: Woolsey Petroleum Corp.  
 Well: Lewis Ralston #2, DST #4  
 Field: --

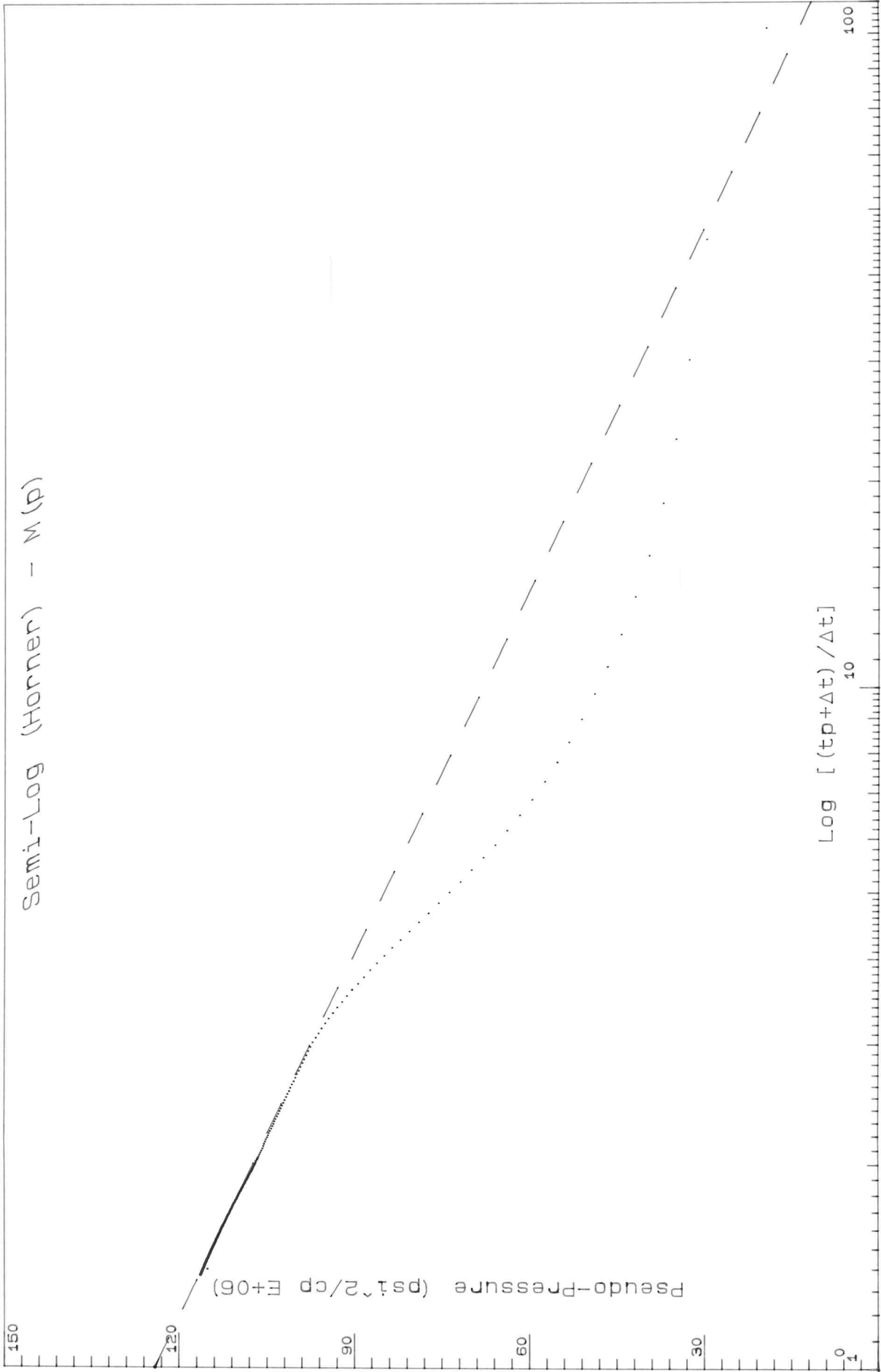
Date: 06-30-1995

Semi-Log (Horner)



Company: Woolsey Petroleum Corp.  
 Well: Lewis Ralston #2, DST #4  
 Field: --  
 Shut-in #1: P\* = 1350 psi  
 M = -729.369 psi/cycle  
 Shut-in #2: P\* = 1227 psi  
 M = -295.338 psi/cycle

Date: 06-30-1995



Company: Woolsey Petroleum Corp.  
 Well: Lewis Ralston #2, DST #4  
 Field: --

Shut-in #2:  
 P\* = 1227 psi  
 M = -5626.26E+04 psi<sup>2</sup>/cp/cycle

Date: 06-30-1995

Company: WOOLSEY PET

Well Name: RALSTON 2

Location: 12 28 20W

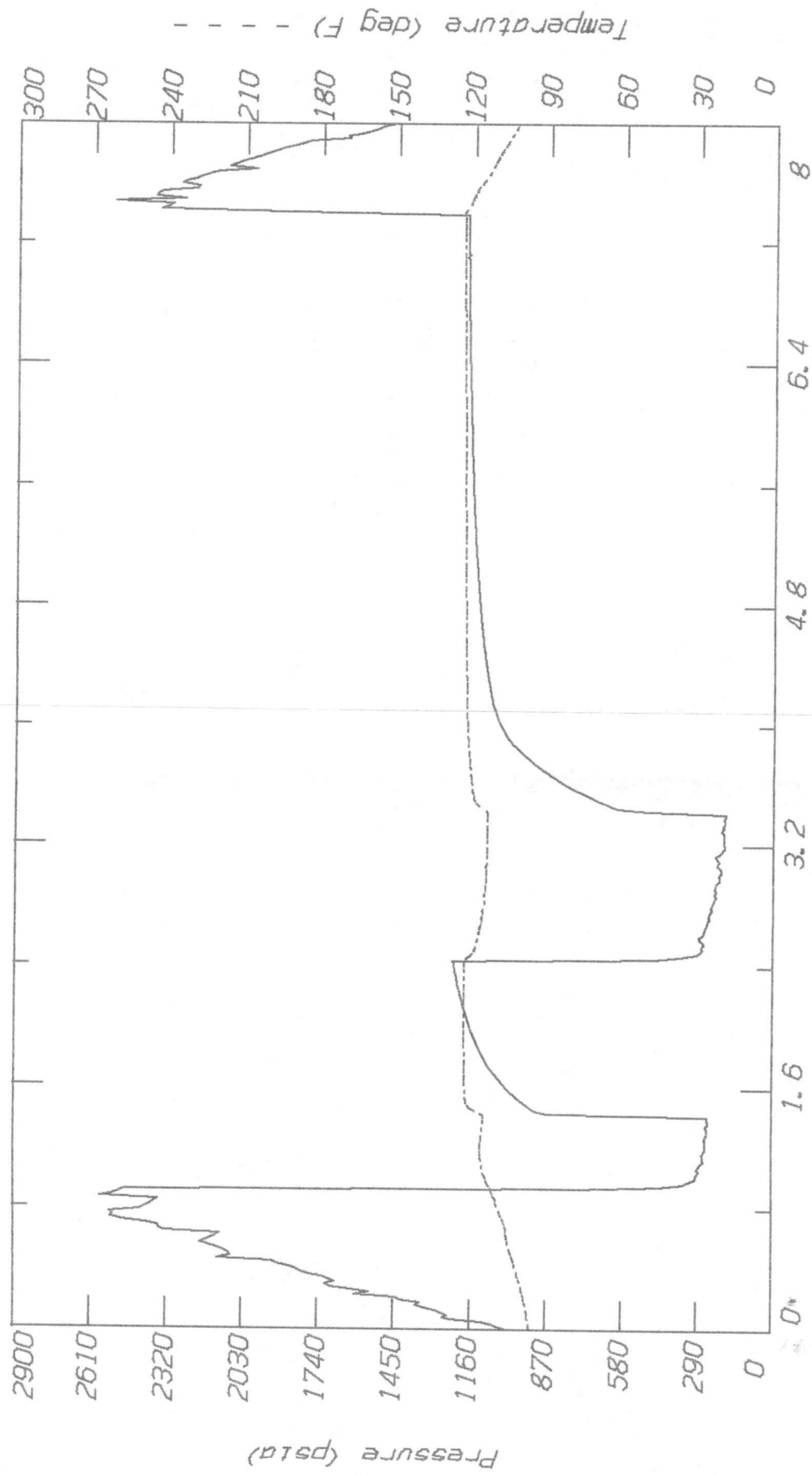
Formation: MISS

Gauge Serial No: 1161

Range (psia):

Gauge Depth (f, CF): 4860

Test Start (hh:mm dd/mm/yy): 01:55 30 06 95

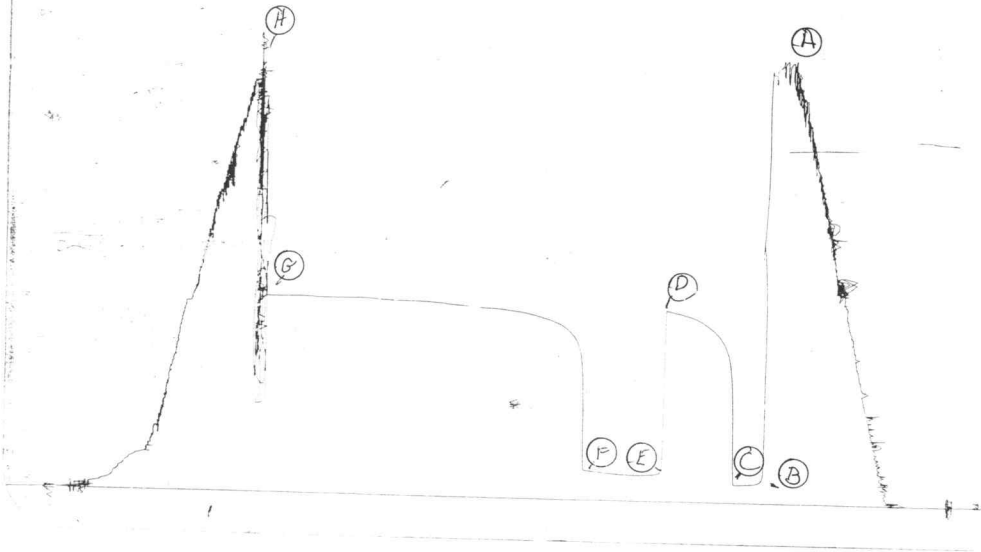


4339 DSA#5



Ticket # 21004

I



Inside Recorder

Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE : 7-1-95	TICKET : 21004
CUSTOMER : WOOLSEY PETROLEUM CO.	LEASE : LEWIS RALSTIN
WELL : #2 TEST: 5	GEOLOGIST: MAUNE
ELEVATION: 2285 K.B.	FORMATION: MISSISSIPPI
SECTION : 12	TOWNSHIP : 28S
RANGE : 20W COUNTY: KIOWA	STATE : KS
GAUGE SN#: 4339 RANGE : 4300	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4892.00 ft	TO: 4902.00 ft	TVD: 4902.0 ft
DEPTH OF SELECTIVE ZONE:		TEST TYPE: OIL
DEPTH OF RECORDERS: 4893.0 ft	4899.0 ft	
TEMPERATURE: 126.0		

DRILL COLLAR LENGTH: 0.0 ft	I.D.:	0.000 in
WEIGHT PIPE LENGTH : 0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH : 4864.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH : 28.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH : 10.0 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: 4887.0 ft	SIZE:	6.630 in
PACKER DEPTH: 4892.0 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. : ALLEN DRLG. #1	
MUD TYPE : CHEMICAL	VISCOSITY : 50.00 cp
WEIGHT : 9.400 ppg	WATER LOSS: 8.800 cc
CHLORIDES : 6000 ppm	
JARS-MAKE : WTC	SERIAL NUMBER: 405
DID WELL FLOW?: NO	REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD-STRONG BLOW IN 2 MINUTES. GAS  
TO SURFACE IN 20 MINUTES. SEE ATTACHED SHEET.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
45.0	100.0	0.0	0.0	0.0	FREE OIL
120.0	45.0	10.0	0.0	45.0	GAS & OIL CUT MUD
160.0	0.0	0.0	100.0	0.0	WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 67,000 PPM

RATE INFORMATION

OIL VOLUME:	1.3886 STB	TOTAL FLOW TIME:	90.0000 min.
GAS VOLUME:	0.9451 SCF	AVERAGE OIL RATE:	34.3365 STB/D
MUD VOLUME:	0.7574 STB	AVERAGE WATER RATE:	35.9075 STB/D
WATER VOLUME:	2.2442 STB		
TOTAL FLUID :	4.3902 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2484.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	113.00	113.00
INITIAL SHUT-IN	55.00		1122.00
FINAL FLOW	60.00	170.00	204.00
FINAL SHUT-IN	240.00		1122.00

FINAL HYDROSTATIC PRESSURE: 2484.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2432.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	66.00	978.00
INITIAL SHUT-IN	45.00		1135.00
FINAL FLOW	60.00	151.00	189.00
FINAL SHUT-IN	246.00		1152.00

FINAL HYDROSTATIC PRESSURE: 2304.00

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 7-1-95	TICKET : 21004
CUSTOMER : WOOLSEY PETROLEUM CO.	LEASE : LEWIS RALSTIN
WELL : #2                      TEST: 5	GEOLOGIST: MAUNE
ELEVATION: 2285 K.B.	FORMATION: MISSISSIPPI
SECTION : 12	TOWNSHIP : 28S
RANGE : 20W                      COUNTY: KIOWA	STATE : KS
GAUGE SN#: 4339                      RANGE : 4300	CLOCK : 12

PRE FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
25 MIN	MERLA	0.500	2 PSIG	47700 SCF/D
30 MIN	MERLA	0.500	3 PSIG	59200 SCF/D

SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
5 MIN	MERLA	0.500	7 PSIG	95500 SCF/D
10 MIN	MERLA	0.500	7 PSIG	95500 SCF/D
15 MIN	MERLA	0.500	7 PSIG	95500 SCF/D
20 MIN	MERLA	0.500	7 PSIG	95500 SCF/D
25 MIN	MERLA	0.500	7 PSIG	95500 SCF/D
30 MIN	MERLA	0.500	7 PSIG	95500 SCF/D
35 MIN	MERLA	0.500	7 PSIG	95500 SCF/D
40 MIN	MERLA	0.500	7.5 PSIG	97800 SCF/D
45 MIN	MERLA	0.500	7.5 PSIG	97800 SCF/D
50 MIN	MERLA	0.500	7.5 PSIG	97800 SCF/D
55 MIN	MERLA	0.500	7.5 PSIG	97800 SCF/D
60 MIN	MERLA	0.500	7.5 PSIG	97800 SCF/D

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 7-1-95	TICKET : 21004	
CUSTOMER : WOOLSEY PETROLEUM CO.	LEASE : LEWIS RALSTIN	
WELL : #2	TEST: 5	GEOLOGIST: MAUNE
ELEVATION: 2285 K.B.		FORMATION: MISSISSIPPI
SECTION : 12		TOWNSHIP : 28S
RANGE : 20W	COUNTY: KIOWA	STATE : KS
GAUGE SN#: 4339	RANGE : 4300	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	66.00	66.00
5.00	68.00	2.00
10.00	81.00	13.00
15.00	91.00	10.00
20.00	100.00	9.00
25.00	829.00	729.00
30.00	978.00	149.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	1014.00	1014.00	11.00
6.00	1038.00	24.00	6.00
9.00	1056.00	18.00	4.33
12.00	1071.00	15.00	3.50
15.00	1083.00	12.00	3.00
18.00	1093.00	10.00	2.67
21.00	1102.00	9.00	2.43
24.00	1108.00	6.00	2.25
27.00	1114.00	6.00	2.11
30.00	1119.00	5.00	2.00
33.00	1124.00	5.00	1.91
36.00	1127.00	3.00	1.83
39.00	1130.00	3.00	1.77
42.00	1133.00	3.00	1.71
45.00	1135.00	2.00	1.67

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	151.00	151.00
5.00	119.00	-32.00
10.00	130.00	11.00
15.00	137.00	7.00
20.00	143.00	6.00
25.00	150.00	7.00
30.00	156.00	6.00
35.00	162.00	6.00
40.00	167.00	5.00
45.00	173.00	6.00
50.00	179.00	6.00
55.00	184.00	5.00
60.00	189.00	5.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	915.00	915.00	21.00
6.00	984.00	69.00	11.00
9.00	1010.00	26.00	7.67
12.00	1030.00	20.00	6.00
15.00	1046.00	16.00	5.00
18.00	1058.00	12.00	4.33
21.00	1067.00	9.00	3.86
24.00	1076.00	9.00	3.50
27.00	1083.00	7.00	3.22
30.00	1089.00	6.00	3.00
33.00	1095.00	6.00	2.82
36.00	1099.00	4.00	2.67
39.00	1104.00	5.00	2.54
42.00	1107.00	3.00	2.43
45.00	1110.00	3.00	2.33
48.00	1113.00	3.00	2.25
51.00	1116.00	3.00	2.18
54.00	1118.00	2.00	2.11
57.00	1120.00	2.00	2.05
60.00	1122.00	2.00	2.00
63.00	1124.00	2.00	1.95
66.00	1126.00	2.00	1.91
69.00	1127.00	1.00	1.87
72.00	1129.00	2.00	1.83
75.00	1130.00	1.00	1.80

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
78.00	1131.00	1.00	1.77
81.00	1132.00	1.00	1.74
84.00	1133.00	1.00	1.71
87.00	1134.00	1.00	1.69
90.00	1135.00	1.00	1.67
93.00	1136.00	1.00	1.65
96.00	1137.00	1.00	1.63
99.00	1137.00	0.00	1.61
102.00	1138.00	1.00	1.59
105.00	1139.00	1.00	1.57
108.00	1139.00	0.00	1.56
111.00	1140.00	1.00	1.54
114.00	1141.00	1.00	1.53
117.00	1141.00	0.00	1.51
120.00	1141.00	0.00	1.50
123.00	1142.00	1.00	1.49
126.00	1142.00	0.00	1.48
129.00	1143.00	1.00	1.47
132.00	1143.00	0.00	1.45
135.00	1144.00	1.00	1.44
138.00	1144.00	0.00	1.43
141.00	1144.00	0.00	1.43
144.00	1145.00	1.00	1.42
147.00	1145.00	0.00	1.41
150.00	1146.00	1.00	1.40
153.00	1146.00	0.00	1.39
156.00	1146.00	0.00	1.38
159.00	1146.00	0.00	1.38
162.00	1147.00	1.00	1.37
165.00	1147.00	0.00	1.36
168.00	1147.00	0.00	1.36
171.00	1147.00	0.00	1.35
174.00	1148.00	1.00	1.34
177.00	1148.00	0.00	1.34
180.00	1148.00	0.00	1.33
183.00	1149.00	1.00	1.33
186.00	1149.00	0.00	1.32
189.00	1149.00	0.00	1.32
192.00	1149.00	0.00	1.31
195.00	1149.00	0.00	1.31
198.00	1150.00	1.00	1.30
201.00	1150.00	0.00	1.30
204.00	1150.00	0.00	1.29
207.00	1150.00	0.00	1.29
210.00	1151.00	1.00	1.29
213.00	1151.00	0.00	1.28

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
216.00	1151.00	0.00	1.28
219.00	1151.00	0.00	1.27
222.00	1151.00	0.00	1.27
225.00	1151.00	0.00	1.27
228.00	1152.00	1.00	1.26
231.00	1152.00	0.00	1.26
234.00	1152.00	0.00	1.26
237.00	1152.00	0.00	1.25
240.00	1152.00	0.00	1.25
243.00	1152.00	0.00	1.25
246.00	1152.00	0.00	1.24

Company: Woolsey Petroleum Corp.  
 Well: Lewis Ralston #2, DST #5  
 Field: --

07-01-1995

Gauge Depth ..... 4893.0 feet

[ INPUT PARAMETERS ]  
 (Build-Up Analysis)

Well Type - OIL

Reservoir Pressure	psia	P	1166
Reservoir Temperature	Deg F	T	127
Final Shut-in Pressure	psia	Psi	1152
Final Flowing Pressure	psia	Pwf	189
Gas Flow Rate	mcf	Qg	98
Oil Flow Rate	STB/D	Qo	21
H2O Flow Rate	STB/D	Qw	35
Sand Thickness	feet	hnet	10
Wellbore Radius	feet	rw	0.3250
Formation Porosity	%	POR	10
Extrapolated Pressure	psia	P*	1166
Extrapolated Press @ 1hr	psia	Plhr	1125
Semi-Log Slope	psi/cycle	M	-109.297
Production Time	hrs	tp	1.40
Shut-in Time	hrs	tsi	4.00

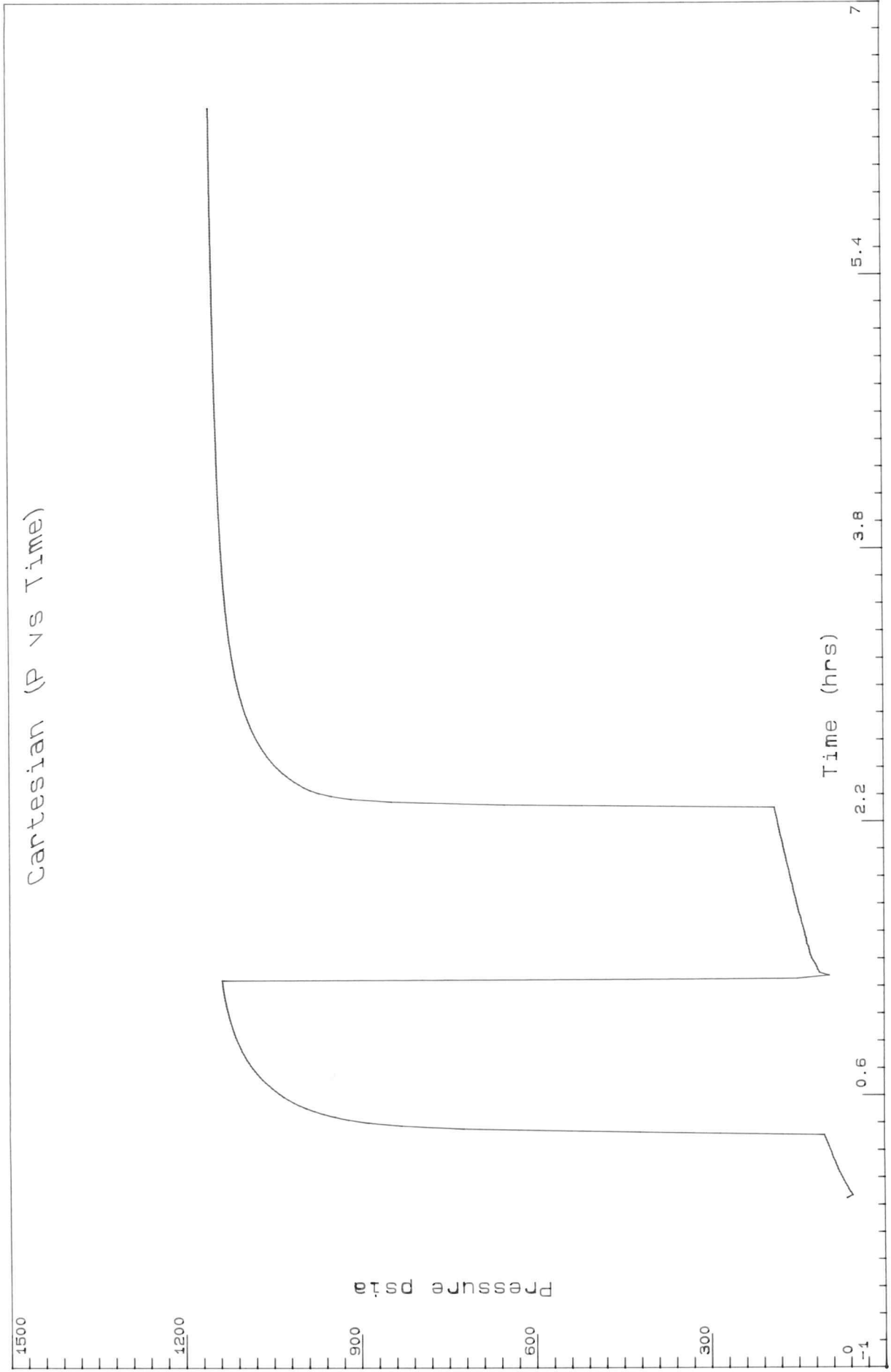
Uo (cp)	1.5190E+00	Bo (RB/STB)	1.1433E+00
Co (1/psi)	2.9006E-04	Ct (1/psi)	3.3945E-04

[ TYPE CURVE MATCH POINTS ]

dP	900.090	Pd	9.363
dt	0.278	Cde2S 1E +6	tD/Cd 80.309

[ CALCULATED RESULTS ]

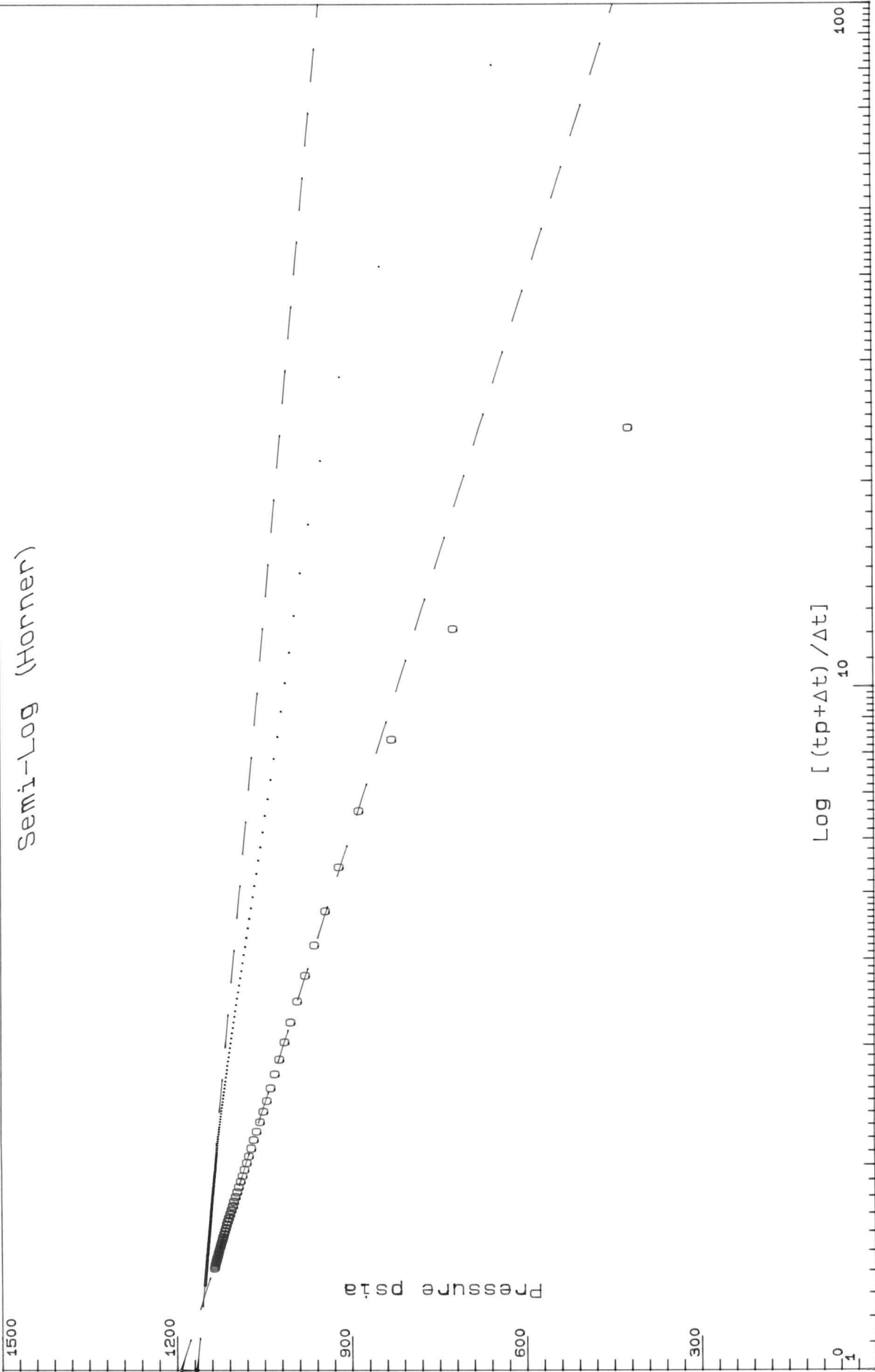
(Semi-Log) Analysis		Pressure Method	
Transmissibility	md-ft/cp	kh/u	35.718
Flow Capacity	md-ft	kh	54.255
Permeability	md	k	5.426
Skin Damage	total	S	+6.67
Pressure Drop due to Skin	psia	dP	+633.19
Flow Efficiency	%	FE	+35.19
Drainage Radius	feet	rd	19
Type Curve (Log-Log) Analysis			
Transmissibility	md-ft/cp	kh/u	35.264
Flow Capacity	md-ft	kh	53.567
Permeability	md	k	5.357
Skin Damage	total	S	+6.96
Pressure Drop due to Skin	psia	dP	+669.24
Flow Efficiency	%	FE	+31.50



Company: Woolsey Petroleum Corp.  
 Well: Lewis Ralston #2, DST #5  
 Field: --

Date: 07-01-1995

Semi-Log (Horner)



Company: Woolsey Petroleum Corp.  
 Well: Lewis Ralston #2, DST #5  
 Field: --

Shut-in #1: Shut-in #2:  
 P\* = 1194 psi P\* = 1166 psi  
 M = -375.790 psi/cycle M = -109.297 psi/cycle

Date: 07-01-1995

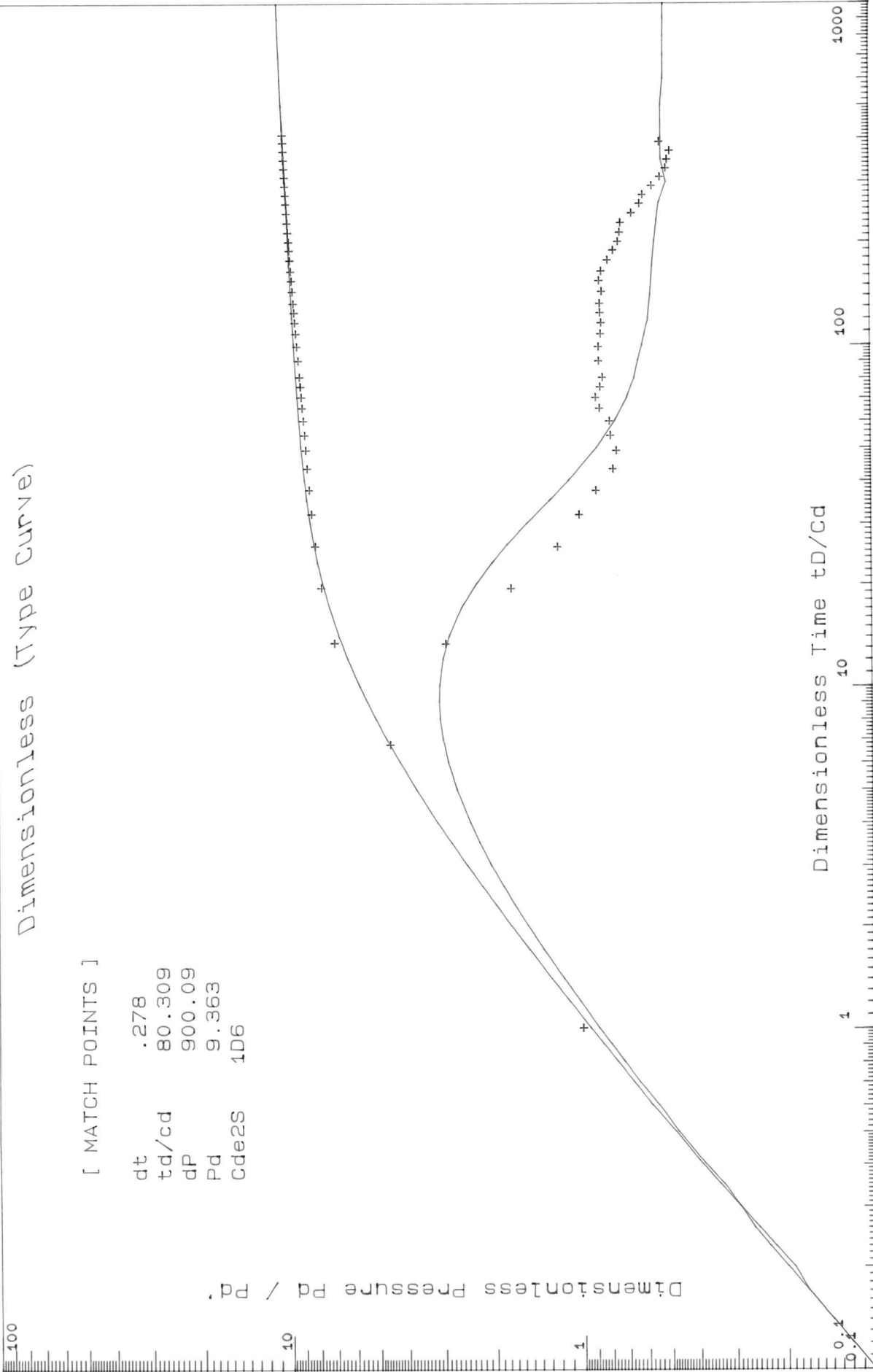
Dimensionless (Type Curve)

[ MATCH POINTS ]

dt	.278
td/cd	80.309
dP	900.09
Pd	9.363
Cde2S	1D6

Dimensionless Pressure Pd / Pd'

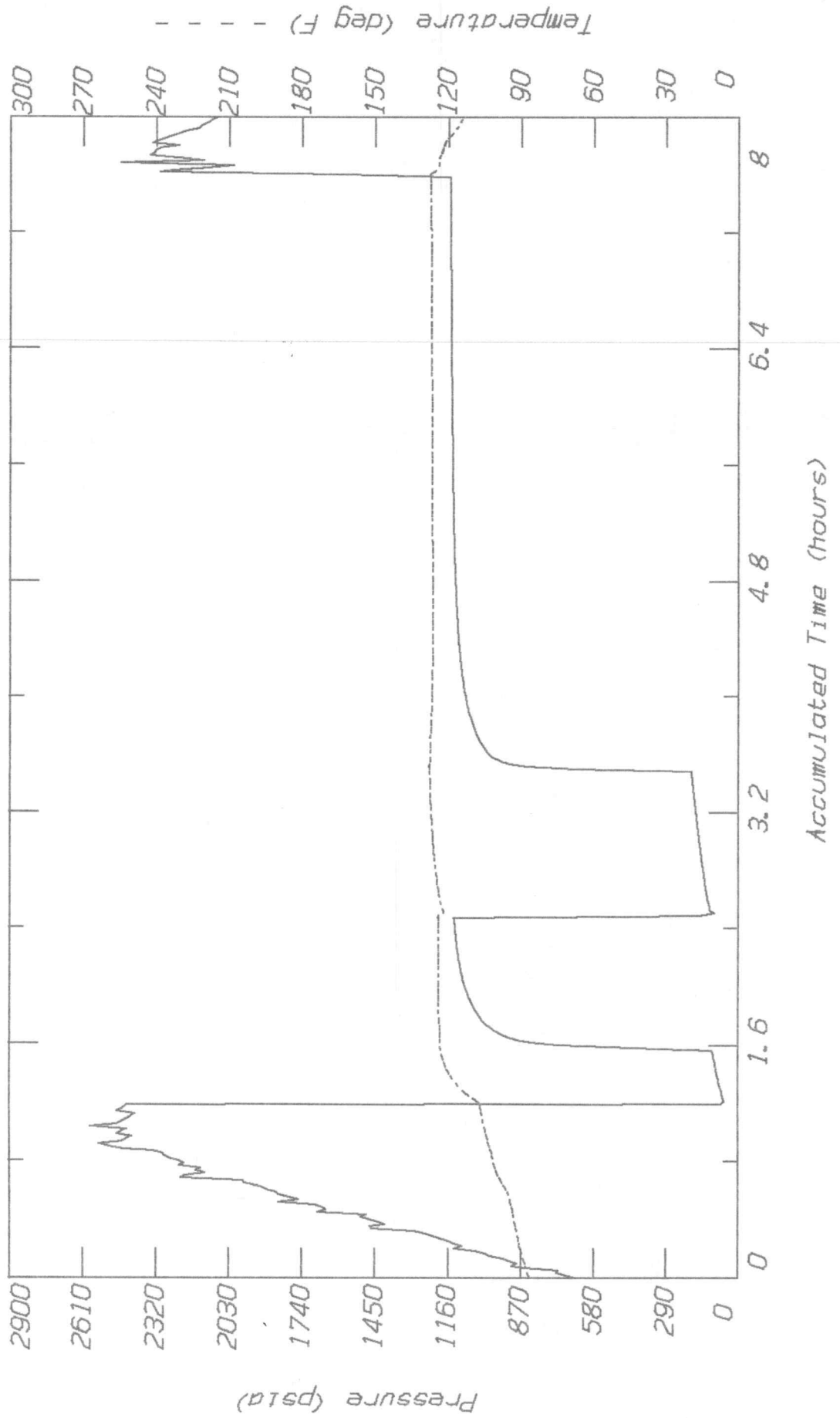
Dimensionless Time tD/Cd



Company: Woolsey Petroleum Corp.  
 Well: Lewis Ralston #2, DST #5  
 Field: --

Date: 07-01-1995

Company: WOOLSEY PET      Well Name: RALSTON #2  
 Location: 12 285 20W      Formation: MISS  
 Gauge Serial No:              Range (psia):  
 Gauge Depth (f, CF):  
 Test Start (hh:mm dd/mm/yy): 09:55 01 07 95



Company: WOOLSEY  
Well Name: RADST#65

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0001	95-07-01	10:55:00	1:00:00	655.9	-----	86.3
0002		10:56:00	1:01:00	690.0	34.1	86.7
0003		10:57:00	1:02:00	723.3	33.3	87.1
0004		10:58:00	1:03:00	722.8	-0.6	87.4
0005		10:59:00	1:04:00	853.5	130.7	87.7
0006		11:00:00	1:05:00	901.5	48.1	88.0
0007		11:01:00	1:06:00	887.0	-14.5	88.3
0008		11:02:00	1:07:00	914.4	27.3	88.7
0009		11:03:00	1:08:00	943.3	28.9	89.1
0010		11:04:00	1:09:00	989.7	46.4	89.5
0011		11:05:00	1:10:00	1014.3	24.6	89.7
0012		11:06:00	1:11:00	1052.8	38.5	90.0
0013		11:07:00	1:12:00	1132.6	79.8	90.3
0014		11:08:00	1:13:00	1103.3	-29.3	90.5
0015		11:09:00	1:14:00	1135.1	31.9	90.7
0016		11:10:00	1:15:00	1157.8	22.7	90.9
0017		11:11:00	1:16:00	1190.9	33.1	91.1
0018		11:12:00	1:17:00	1221.5	30.7	91.3
0019		11:13:00	1:18:00	1251.4	29.8	91.5
0020		11:14:00	1:19:00	1296.8	45.5	91.7
0021		11:15:00	1:20:00	1464.8	168.0	91.9
0022		11:16:00	1:21:00	1467.1	2.3	92.1
0023		11:17:00	1:22:00	1411.3	-55.8	92.3
0024		11:18:00	1:23:00	1437.6	26.3	92.5
0025		11:19:00	1:24:00	1472.3	34.7	92.7
0026		11:20:00	1:25:00	1505.4	33.1	92.9
0027		11:21:00	1:26:00	1485.7	-19.8	93.1
0028		11:22:00	1:27:00	1675.8	190.1	93.3
0029		11:23:00	1:28:00	1646.4	-29.4	93.5
0030		11:24:00	1:29:00	1658.2	11.8	93.8
0031		11:25:00	1:30:00	1689.7	31.5	94.0
0032		11:26:00	1:31:00	1829.7	140.0	94.2
0033		11:27:00	1:32:00	1754.3	-75.5	94.5
0034		11:28:00	1:33:00	1792.9	38.6	94.7
0035		11:29:00	1:34:00	1834.3	41.4	95.1
0036		11:30:00	1:35:00	1843.6	9.3	95.5
0037		11:31:00	1:36:00	1879.4	35.7	95.9
0038		11:32:00	1:37:00	1896.7	17.3	96.3
0039		11:33:00	1:38:00	1920.6	24.0	96.9
0040		11:34:00	1:39:00	1966.6	45.9	97.6
0041		11:35:00	1:40:00	1973.3	6.7	98.2
0042		11:36:00	1:41:00	2216.8	243.5	98.8
0043		11:37:00	1:42:00	2198.7	-18.1	99.3
0044		11:38:00	1:43:00	2124.6	-74.1	99.8
0045		11:39:00	1:44:00	2160.0	35.4	100.2
0046		11:40:00	1:45:00	2143.7	-16.3	100.5
0047		11:41:00	1:46:00	2224.4	80.7	100.7
0048		11:42:00	1:47:00	2207.8	-16.6	101.0
0049		11:43:00	1:48:00	2230.0	22.3	101.2

Company: WOOLSEY  
Well Name: RADST#5

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0050	95-07-01	11:44:00	1:49:00	2267.1	37.1	101.4
0051		11:45:00	1:50:00	2287.3	20.2	101.7
0052		11:46:00	1:51:00	2292.7	5.4	101.9
0053		11:47:00	1:52:00	2328.9	36.2	102.2
0054		11:48:00	1:53:00	2447.6	118.7	102.5
0055		11:49:00	1:54:00	2503.9	56.3	102.7
0056		11:50:00	1:55:00	2542.9	39.0	103.0
0057		11:51:00	1:56:00	2452.5	-90.4	103.4
0058		11:52:00	1:57:00	2433.4	-19.1	103.7
0059		11:53:00	1:58:00	2414.8	-18.6	103.9
0060		11:54:00	1:59:00	2471.0	56.2	104.2
0061		11:55:00	2:00:00	2453.5	-17.5	104.5
0062		11:56:00	2:01:00	2434.9	-18.7	104.7
0063		11:57:00	2:02:00	2576.4	141.5	105.0
0064		11:58:00	2:03:00	2471.7	-104.7	105.2
0065		11:59:00	2:04:00	2451.0	-20.7	105.5
0066		12:00:00	2:05:00	2431.2	-19.8	105.7
0067		12:01:00	2:06:00	2415.0	-16.2	105.9
0068		12:02:00	2:07:00	2401.3	-13.8	106.1
0069		12:03:00	2:08:00	2472.4	71.1	106.2
0070		12:04:00	2:09:00	2451.9	-20.5	106.3
0071		12:05:00	2:10:00	2440.2	-11.7	106.5
0072		12:06:00	2:11:00	2432.1	-8.1	106.6
0073		12:07:00	2:12:00	65.7	-2366.4	107.0
0074		12:08:00	2:13:00	55.7	-10.0	108.4
0075		12:09:00	2:14:00	58.8	3.1	109.8
0076		12:10:00	2:15:00	62.7	3.9	111.3
0077		12:11:00	2:16:00	65.0	2.3	112.6
0078		12:12:00	2:17:00	67.8	2.8	113.8
0079		12:13:00	2:18:00	70.6	2.8	114.8
0080		12:14:00	2:19:00	73.1	2.5	115.7
0081		12:15:00	2:20:00	75.6	2.5	116.6
0082		12:16:00	2:21:00	78.1	2.5	117.5
0083		12:17:00	2:22:00	80.6	2.5	118.2
0084		12:18:00	2:23:00	82.3	1.7	118.9
0085		12:19:00	2:24:00	84.5	2.2	119.5
0086		12:20:00	2:25:00	86.3	1.8	120.0
0087		12:21:00	2:26:00	88.5	2.2	120.5
0088		12:22:00	2:27:00	90.7	2.2	120.9
0089		12:23:00	2:28:00	91.8	1.1	121.3
0090		12:24:00	2:29:00	94.0	2.3	121.6
0091		12:25:00	2:30:00	95.9	1.9	121.9
0092		12:26:00	2:31:00	97.8	1.9	122.2
0093		12:27:00	2:32:00	100.0	2.2	122.5
0094		12:28:00	2:33:00	101.9	1.9	122.7
0095		12:29:00	2:34:00	104.1	2.3	123.0
0096		12:30:00	2:35:00	420.5	316.4	123.3
0097		12:31:00	2:36:00	722.6	302.1	123.5
0098		12:32:00	2:37:00	829.1	106.5	123.4

Company: WOOLSEY  
Well Name: RADST#5

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0099	95-07-01	12:33:00	2:38:00	885.8	56.7	123.2
0100		12:34:00	2:39:00	919.9	34.1	123.2
0101		12:35:00	2:40:00	943.6	23.8	123.2
0102		12:36:00	2:41:00	962.6	19.0	123.2
0103		12:37:00	2:42:00	978.4	15.8	123.2
0104		12:38:00	2:43:00	991.9	13.4	123.2
0105		12:39:00	2:44:00	1003.3	11.4	123.3
0106		12:40:00	2:45:00	1013.5	10.2	123.5
0107		12:41:00	2:46:00	1022.5	9.0	123.6
0108		12:42:00	2:47:00	1030.4	7.8	123.7
0109		12:43:00	2:48:00	1037.5	7.1	123.8
0110		12:44:00	2:49:00	1044.1	6.7	123.9
0111		12:45:00	2:50:00	1050.1	5.9	123.9
0112		12:46:00	2:51:00	1055.6	5.5	124.0
0113		12:47:00	2:52:00	1061.6	6.0	124.0
0114		12:48:00	2:53:00	1066.7	5.1	124.0
0115		12:49:00	2:54:00	1071.1	4.4	124.0
0116		12:50:00	2:55:00	1075.4	4.4	124.0
0117		12:51:00	2:56:00	1079.4	4.0	124.0
0118		12:52:00	2:57:00	1083.4	4.0	124.0
0119		12:53:00	2:58:00	1086.9	3.6	124.0
0120		12:54:00	2:59:00	1090.1	3.2	124.0
0121		12:55:00	3:00:00	1093.3	3.2	124.0
0122		12:56:00	3:01:00	1096.1	2.8	124.0
0123		12:57:00	3:02:00	1098.8	2.8	124.0
0124		12:58:00	3:03:00	1101.6	2.8	124.0
0125		12:59:00	3:04:00	1103.6	2.0	124.0
0126		13:00:00	3:05:00	1106.0	2.4	124.0
0127		13:01:00	3:06:00	1108.4	2.4	124.0
0128		13:02:00	3:07:00	1110.4	2.0	124.0
0129		13:03:00	3:08:00	1112.3	2.0	124.0
0130		13:04:00	3:09:00	1114.3	2.0	124.0
0131		13:05:00	3:10:00	1115.9	1.6	123.9
0132		13:06:00	3:11:00	1117.5	1.6	123.9
0133		13:07:00	3:12:00	1119.1	1.6	123.9
0134		13:08:00	3:13:00	1120.7	1.6	123.9
0135		13:09:00	3:14:00	1121.9	1.2	123.9
0136		13:10:00	3:15:00	1123.5	1.6	123.9
0137		13:11:00	3:16:00	1124.7	1.2	123.9
0138		13:12:00	3:17:00	1125.9	1.2	123.9
0139		13:13:00	3:18:00	1127.1	1.2	123.9
0140		13:14:00	3:19:00	1128.3	1.2	123.9
0141		13:15:00	3:20:00	1129.1	0.8	123.9
0142		13:16:00	3:21:00	1130.3	1.2	123.9
0143		13:17:00	3:22:00	1131.1	0.8	123.9
0144		13:18:00	3:23:00	1132.2	1.2	123.9
0145		13:19:00	3:24:00	1133.0	0.8	123.9
0146		13:20:00	3:25:00	1133.9	0.8	123.8
0147		13:21:00	3:26:00	1134.7	0.8	123.8

Company: WOOLSEY  
Well Name: RADST#5

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0148	95-07-01	13:22:00	3:27:00	1135.0	0.4	123.8
0149		13:23:00	3:28:00	1135.8	0.8	123.8
0150		13:24:00	3:29:00	150.7	-985.2	123.6
0151		13:25:00	3:30:00	95.1	-55.6	121.9
0152		13:26:00	3:31:00	111.7	16.6	121.8
0153		13:27:00	3:32:00	114.7	3.0	122.2
0154		13:28:00	3:33:00	116.5	1.8	122.5
0155		13:29:00	3:34:00	119.1	2.6	122.9
0156		13:30:00	3:35:00	121.8	2.6	123.1
0157		13:31:00	3:36:00	125.2	3.5	123.3
0158		13:32:00	3:37:00	127.1	1.9	123.5
0159		13:33:00	3:38:00	129.0	1.9	123.8
0160		13:34:00	3:39:00	129.7	0.7	123.9
0161		13:35:00	3:40:00	130.8	1.1	124.1
0162		13:36:00	3:41:00	133.5	2.7	124.3
0163		13:37:00	3:42:00	134.2	0.7	124.5
0164		13:38:00	3:43:00	134.9	0.7	124.6
0165		13:39:00	3:44:00	136.9	1.9	124.7
0166		13:40:00	3:45:00	137.6	0.7	124.8
0167		13:41:00	3:46:00	139.1	1.5	125.0
0168		13:42:00	3:47:00	140.2	1.1	125.1
0169		13:43:00	3:48:00	141.8	1.5	125.2
0170		13:44:00	3:49:00	143.3	1.5	125.3
0171		13:45:00	3:50:00	144.0	0.8	125.4
0172		13:46:00	3:51:00	145.6	1.5	125.5
0173		13:47:00	3:52:00	147.5	1.9	125.6
0174		13:48:00	3:53:00	148.6	1.1	125.7
0175		13:49:00	3:54:00	149.8	1.1	125.8
0176		13:50:00	3:55:00	150.9	1.1	125.9
0177		13:51:00	3:56:00	152.1	1.1	126.0
0178		13:52:00	3:57:00	153.2	1.1	126.0
0179		13:53:00	3:58:00	154.7	1.5	126.1
0180		13:54:00	3:59:00	155.9	1.2	126.2
0181		13:55:00	4:00:00	157.1	1.1	126.3
0182		13:56:00	4:01:00	157.8	0.8	126.3
0183		13:57:00	4:02:00	158.6	0.8	126.4
0184		13:58:00	4:03:00	160.5	1.9	126.4
0185		13:59:00	4:04:00	161.7	1.1	126.5
0186		14:00:00	4:05:00	162.8	1.2	126.6
0187		14:01:00	4:06:00	164.0	1.2	126.6
0188		14:02:00	4:07:00	164.7	0.8	126.7
0189		14:03:00	4:08:00	166.3	1.6	126.7
0190		14:04:00	4:09:00	167.4	1.1	126.8
0191		14:05:00	4:10:00	168.6	1.2	126.9
0192		14:06:00	4:11:00	169.4	0.8	126.9
0193		14:07:00	4:12:00	170.5	1.2	127.0
0194		14:08:00	4:13:00	172.1	1.6	127.0
0195		14:09:00	4:14:00	172.8	0.8	127.1
0196		14:10:00	4:15:00	174.4	1.6	127.1

Company: WOOLSEY  
Well Name: RADST 5

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0197	95-07-01	14:11:00	4:16:00	174.8	0.4	127.2
0198		14:12:00	4:17:00	175.9	1.2	127.2
0199		14:13:00	4:18:00	177.1	1.2	127.2
0200		14:14:00	4:19:00	178.6	1.6	127.3
0201		14:15:00	4:20:00	179.8	1.2	127.3
0202		14:16:00	4:21:00	180.6	0.8	127.3
0203		14:17:00	4:22:00	181.8	1.2	127.4
0204		14:18:00	4:23:00	182.9	1.2	127.4
0205		14:19:00	4:24:00	183.7	0.8	127.4
0206		14:20:00	4:25:00	184.5	0.8	127.5
0207		14:21:00	4:26:00	185.6	1.2	127.5
0208		14:22:00	4:27:00	186.8	1.2	127.5
0209		14:23:00	4:28:00	188.0	1.2	127.6
0210		14:24:00	4:29:00	188.7	0.8	127.6
0211		14:25:00	4:30:00	651.2	462.4	127.7
0212		14:26:00	4:31:00	845.3	194.1	127.7
0213		14:27:00	4:32:00	914.6	69.3	127.5
0214		14:28:00	4:33:00	948.2	33.6	127.5
0215		14:29:00	4:34:00	969.2	21.0	127.4
0216		14:30:00	4:35:00	983.5	14.2	127.4
0217		14:31:00	4:36:00	994.6	11.1	127.4
0218		14:32:00	4:37:00	1002.9	8.3	127.4
0219		14:33:00	4:38:00	1010.4	7.5	127.4
0220		14:34:00	4:39:00	1017.5	7.1	127.3
0221		14:35:00	4:40:00	1023.9	6.4	127.2
0222		14:36:00	4:41:00	1030.2	6.4	127.2
0223		14:37:00	4:42:00	1035.8	5.5	127.2
0224		14:38:00	4:43:00	1041.0	5.2	127.2
0225		14:39:00	4:44:00	1045.7	4.8	127.1
0226		14:40:00	4:45:00	1049.7	4.0	127.1
0227		14:41:00	4:46:00	1053.7	4.0	127.1
0228		14:42:00	4:47:00	1057.7	4.0	127.0
0229		14:43:00	4:48:00	1060.9	3.2	127.0
0230		14:44:00	4:49:00	1064.5	3.6	127.0
0231		14:45:00	4:50:00	1067.3	2.8	126.9
0232		14:46:00	4:51:00	1070.5	3.2	126.9
0233		14:47:00	4:52:00	1073.3	2.8	126.9
0234		14:48:00	4:53:00	1075.7	2.4	126.9
0235		14:49:00	4:54:00	1078.5	2.8	126.8
0236		14:50:00	4:55:00	1080.8	2.4	126.8
0237		14:51:00	4:56:00	1083.2	2.4	126.8
0238		14:52:00	4:57:00	1085.2	2.0	126.8
0239		14:53:00	4:58:00	1087.2	2.0	126.8
0240		14:54:00	4:59:00	1089.2	2.0	126.7
0241		14:55:00	5:00:00	1091.2	2.0	126.7
0242		14:56:00	5:01:00	1092.8	1.6	126.7
0243		14:57:00	5:02:00	1094.8	2.0	126.7
0244		14:58:00	5:03:00	1096.4	1.6	126.7
0245		14:59:00	5:04:00	1098.0	1.6	126.6

Company: WOOLSEY  
Well Name: RADST#5

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)	
0246	95-07-01	15:00:00	5:05:00	1099.2	1.2	126.6
0247		15:01:00	5:06:00	1100.8	1.6	126.6
0248		15:02:00	5:07:00	1102.0	1.2	126.6
0249		15:03:00	5:08:00	1103.6	1.6	126.6
0250		15:04:00	5:09:00	1104.8	1.2	126.6
0251		15:05:00	5:10:00	1106.0	1.2	126.6
0252		15:06:00	5:11:00	1107.2	1.2	126.6
0253		15:07:00	5:12:00	1108.4	1.2	126.6
0254		15:08:00	5:13:00	1109.2	0.8	126.5
0255		15:09:00	5:14:00	1110.4	1.2	126.5
0256		15:10:00	5:15:00	1111.6	1.2	126.5
0257		15:11:00	5:16:00	1112.4	0.8	126.5
0258		15:12:00	5:17:00	1113.2	0.8	126.5
0259		15:13:00	5:18:00	1114.3	1.2	126.5
0260		15:14:00	5:19:00	1115.1	0.8	126.5
0261		15:15:00	5:20:00	1115.9	0.8	126.5
0262		15:16:00	5:21:00	1116.7	0.8	126.5
0263		15:17:00	5:22:00	1117.5	0.8	126.5
0264		15:18:00	5:23:00	1118.3	0.8	126.5
0265		15:19:00	5:24:00	1119.1	0.8	126.5
0266		15:20:00	5:25:00	1119.5	0.4	126.5
0267		15:21:00	5:26:00	1120.3	0.8	126.5
0268		15:22:00	5:27:00	1121.1	0.8	126.5
0269		15:23:00	5:28:00	1121.9	0.8	126.5
0270		15:24:00	5:29:00	1122.3	0.4	126.5
0271		15:25:00	5:30:00	1123.1	0.8	126.5
0272		15:26:00	5:31:00	1123.5	0.4	126.5
0273		15:27:00	5:32:00	1124.3	0.8	126.5
0274		15:28:00	5:33:00	1124.7	0.4	126.5
0275		15:29:00	5:34:00	1125.5	0.8	126.5
0276		15:30:00	5:35:00	1125.9	0.4	126.5
0277		15:31:00	5:36:00	1126.3	0.4	126.5
0278		15:32:00	5:37:00	1126.7	0.4	126.5
0279		15:33:00	5:38:00	1127.5	0.8	126.5
0280		15:34:00	5:39:00	1127.9	0.4	126.5
0281		15:35:00	5:40:00	1128.3	0.4	126.5
0282		15:36:00	5:41:00	1128.6	0.4	126.5
0283		15:37:00	5:42:00	1129.0	0.4	126.5
0284		15:38:00	5:43:00	1129.4	0.4	126.5
0285		15:39:00	5:44:00	1129.8	0.4	126.5
0286		15:40:00	5:45:00	1130.2	0.4	126.5
0287		15:41:00	5:46:00	1130.6	0.4	126.5
0288		15:42:00	5:47:00	1131.0	0.4	126.5
0289		15:43:00	5:48:00	1131.4	0.4	126.5
0290		15:44:00	5:49:00	1131.8	0.4	126.5
0291		15:45:00	5:50:00	1132.2	0.4	126.5
0292		15:46:00	5:51:00	1132.6	0.4	126.5
0293		15:47:00	5:52:00	1133.0	0.4	126.5
0294		15:48:00	5:53:00	1133.0	0.0	126.5

Company: WOOLSEY  
Well Name: RADST#5

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs) (delta)	Temp. (deg F)
0295	95-07-01	15:49:00	5:54:00	1133.4	0.4 126.5
0296		15:50:00	5:55:00	1133.8	0.4 126.5
0297		15:51:00	5:56:00	1134.2	0.4 126.5
0298		15:52:00	5:57:00	1134.6	0.4 126.5
0299		15:53:00	5:58:00	1134.6	0.0 126.5
0300		15:54:00	5:59:00	1135.0	0.4 126.5
0301		15:55:00	6:00:00	1135.4	0.4 126.5
0302		15:56:00	6:01:00	1135.4	0.0 126.5
0303		15:57:00	6:02:00	1135.8	0.4 126.5
0304		15:58:00	6:03:00	1136.2	0.4 126.5
0305		15:59:00	6:04:00	1136.2	0.0 126.5
0306		16:00:00	6:05:00	1136.5	0.4 126.6
0307		16:01:00	6:06:00	1136.9	0.4 126.6
0308		16:02:00	6:07:00	1136.9	0.0 126.6
0309		16:03:00	6:08:00	1137.3	0.4 126.6
0310		16:04:00	6:09:00	1137.3	0.0 126.6
0311		16:05:00	6:10:00	1137.7	0.4 126.6
0312		16:06:00	6:11:00	1138.1	0.4 126.6
0313		16:07:00	6:12:00	1138.1	0.0 126.6
0314		16:08:00	6:13:00	1138.5	0.4 126.6
0315		16:09:00	6:14:00	1138.5	-0.0 126.6
0316		16:10:00	6:15:00	1138.9	0.4 126.6
0317		16:11:00	6:16:00	1138.9	0.0 126.6
0318		16:12:00	6:17:00	1139.3	0.4 126.6
0319		16:13:00	6:18:00	1139.3	0.0 126.6
0320		16:14:00	6:19:00	1139.7	0.4 126.6
0321		16:15:00	6:20:00	1139.7	0.0 126.6
0322		16:16:00	6:21:00	1140.1	0.4 126.6
0323		16:17:00	6:22:00	1140.1	0.0 126.6
0324		16:18:00	6:23:00	1140.5	0.4 126.6
0325		16:19:00	6:24:00	1140.5	0.0 126.6
0326		16:20:00	6:25:00	1140.9	0.4 126.6
0327		16:21:00	6:26:00	1140.9	0.0 126.6
0328		16:22:00	6:27:00	1140.9	0.0 126.6
0329		16:23:00	6:28:00	1141.3	0.4 126.6
0330		16:24:00	6:29:00	1141.3	0.0 126.6
0331		16:25:00	6:30:00	1141.7	0.4 126.6
0332		16:26:00	6:31:00	1141.6	-0.0 126.6
0333		16:27:00	6:32:00	1142.0	0.4 126.6
0334		16:28:00	6:33:00	1142.0	0.0 126.6
0335		16:29:00	6:34:00	1142.0	0.0 126.6
0336		16:30:00	6:35:00	1142.4	0.4 126.7
0337		16:31:00	6:36:00	1142.4	0.0 126.7
0338		16:32:00	6:37:00	1142.4	0.0 126.7
0339		16:33:00	6:38:00	1142.8	0.4 126.7
0340		16:34:00	6:39:00	1142.8	0.0 126.7
0341		16:35:00	6:40:00	1143.2	0.4 126.7
0342		16:36:00	6:41:00	1143.2	0.0 126.7
0343		16:37:00	6:42:00	1143.2	-0.0 126.7

Company: WOOLSEY  
Well Name: RADST#5

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0344	95-07-01	16:38:00	6:43:00	1143.6	0.4	126.7
0345		16:39:00	6:44:00	1143.6	0.0	126.7
0346		16:40:00	6:45:00	1143.6	0.0	126.7
0347		16:41:00	6:46:00	1144.0	0.4	126.7
0348		16:42:00	6:47:00	1144.0	0.0	126.7
0349		16:43:00	6:48:00	1144.0	0.0	126.7
0350		16:44:00	6:49:00	1144.4	0.4	126.7
0351		16:45:00	6:50:00	1144.4	0.0	126.7
0352		16:46:00	6:51:00	1144.4	0.0	126.7
0353		16:47:00	6:52:00	1144.8	0.4	126.7
0354		16:48:00	6:53:00	1144.8	0.0	126.7
0355		16:49:00	6:54:00	1144.8	0.0	126.7
0356		16:50:00	6:55:00	1145.1	0.4	126.7
0357		16:51:00	6:56:00	1145.1	-0.0	126.8
0358		16:52:00	6:57:00	1145.1	0.0	126.8
0359		16:53:00	6:58:00	1145.1	0.0	126.8
0360		16:54:00	6:59:00	1145.5	0.4	126.8
0361		16:55:00	7:00:00	1145.5	0.0	126.8
0362		16:56:00	7:01:00	1145.5	-0.0	126.8
0363		16:57:00	7:02:00	1145.9	0.4	126.8
0364		16:58:00	7:03:00	1145.9	0.0	126.8
0365		16:59:00	7:04:00	1145.9	0.0	126.8
0366		17:00:00	7:05:00	1145.9	0.0	126.8
0367		17:01:00	7:06:00	1146.3	0.4	126.8
0368		17:02:00	7:07:00	1146.3	0.0	126.8
0369		17:03:00	7:08:00	1146.3	0.0	126.8
0370		17:04:00	7:09:00	1146.3	0.0	126.8
0371		17:05:00	7:10:00	1146.7	0.4	126.8
0372		17:06:00	7:11:00	1146.7	0.0	126.8
0373		17:07:00	7:12:00	1146.7	0.0	126.8
0374		17:08:00	7:13:00	1147.0	0.4	126.9
0375		17:09:00	7:14:00	1147.0	0.0	126.9
0376		17:10:00	7:15:00	1147.0	0.0	126.9
0377		17:11:00	7:16:00	1147.0	0.0	126.9
0378		17:12:00	7:17:00	1147.0	0.0	126.9
0379		17:13:00	7:18:00	1147.0	0.0	126.9
0380		17:14:00	7:19:00	1147.4	0.4	126.9
0381		17:15:00	7:20:00	1147.4	-0.0	126.9
0382		17:16:00	7:21:00	1147.4	0.0	126.9
0383		17:17:00	7:22:00	1147.8	0.4	126.9
0384		17:18:00	7:23:00	1147.8	0.0	126.9
0385		17:19:00	7:24:00	1147.8	0.0	126.9
0386		17:20:00	7:25:00	1147.8	0.0	126.9
0387		17:21:00	7:26:00	1148.2	0.4	126.9
0388		17:22:00	7:27:00	1148.2	-0.0	126.9
0389		17:23:00	7:28:00	1148.2	0.0	126.9
0390		17:24:00	7:29:00	1148.2	0.0	126.9
0391		17:25:00	7:30:00	1148.2	0.0	126.9
0392		17:26:00	7:31:00	1148.2	0.0	126.9

Company: WOOLSEY  
Well Name: RADST#5

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0393	95-07-01	17:27:00	7:32:00	1148.6	0.4	126.9
0394		17:28:00	7:33:00	1148.6	-0.0	127.0
0395		17:29:00	7:34:00	1148.6	0.0	127.0
0396		17:30:00	7:35:00	1148.6	0.0	127.0
0397		17:31:00	7:36:00	1148.6	0.0	127.0
0398		17:32:00	7:37:00	1149.0	0.4	127.0
0399		17:33:00	7:38:00	1149.0	0.0	127.0
0400		17:34:00	7:39:00	1149.0	0.0	127.0
0401		17:35:00	7:40:00	1149.0	0.0	127.0
0402		17:36:00	7:41:00	1149.3	0.4	127.0
0403		17:37:00	7:42:00	1149.3	0.0	127.0
0404		17:38:00	7:43:00	1149.3	0.0	127.0
0405		17:39:00	7:44:00	1149.3	-0.0	127.0
0406		17:40:00	7:45:00	1149.3	0.0	127.0
0407		17:41:00	7:46:00	1149.3	0.0	127.0
0408		17:42:00	7:47:00	1149.7	0.4	127.0
0409		17:43:00	7:48:00	1149.7	0.0	127.0
0410		17:44:00	7:49:00	1149.7	0.0	127.0
0411		17:45:00	7:50:00	1149.7	0.0	127.0
0412		17:46:00	7:51:00	1149.7	0.0	127.0
0413		17:47:00	7:52:00	1149.7	0.0	127.0
0414		17:48:00	7:53:00	1150.1	0.4	127.0
0415		17:49:00	7:54:00	1150.1	-0.0	127.1
0416		17:50:00	7:55:00	1150.1	0.0	127.1
0417		17:51:00	7:56:00	1150.1	0.0	127.1
0418		17:52:00	7:57:00	1150.5	0.4	127.1
0419		17:53:00	7:58:00	1150.5	0.0	127.1
0420		17:54:00	7:59:00	1150.5	0.0	127.1
0421		17:55:00	8:00:00	1150.5	0.0	127.1
0422		17:56:00	8:01:00	1150.5	0.0	127.1
0423		17:57:00	8:02:00	1150.5	0.0	127.1
0424		17:58:00	8:03:00	1150.5	0.0	127.1
0425		17:59:00	8:04:00	1150.5	0.0	127.1
0426		18:00:00	8:05:00	1150.9	0.4	127.1
0427		18:01:00	8:06:00	1150.9	0.0	127.1
0428		18:02:00	8:07:00	1150.9	0.0	127.1
0429		18:03:00	8:08:00	1150.9	-0.0	127.1
0430		18:04:00	8:09:00	1150.9	0.0	127.1
0431		18:05:00	8:10:00	1150.9	0.0	127.1
0432		18:06:00	8:11:00	1151.3	0.4	127.1
0433		18:07:00	8:12:00	1151.3	0.0	127.1
0434		18:08:00	8:13:00	1151.3	0.0	127.1
0435		18:09:00	8:14:00	1151.2	-0.0	127.2
0436		18:10:00	8:15:00	1151.2	0.0	127.2
0437		18:11:00	8:16:00	1151.2	0.0	127.2
0438		18:12:00	8:17:00	1151.6	0.4	127.2
0439		18:13:00	8:18:00	1151.6	0.0	127.2
0440		18:14:00	8:19:00	1151.6	0.0	127.2
0441		18:15:00	8:20:00	1151.6	0.0	127.2

Company: WOOLSEY  
Well Name: RADST#5

PTR 01161

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0442	95-07-01	18:16:00	8:21:00	1151.6	0.0	127.2
0443		18:17:00	8:22:00	1151.6	0.0	127.2
0444		18:18:00	8:23:00	1151.6	0.0	127.2
0445		18:19:00	8:24:00	1151.6	0.0	127.2
0446		18:20:00	8:25:00	1152.0	0.4	127.2
0447		18:21:00	8:26:00	1152.0	0.0	127.2
0448		18:22:00	8:27:00	1152.0	0.0	127.2
0449		18:23:00	8:28:00	1152.0	0.0	127.2
0450		18:24:00	8:29:00	1152.0	0.0	127.2
0451		18:25:00	8:30:00	1152.0	0.0	127.2
0452		18:26:00	8:31:00	1152.0	0.0	127.2
0453		18:27:00	8:32:00	1152.4	0.4	127.2
0454		18:28:00	8:33:00	1152.4	0.0	127.2
0455		18:29:00	8:34:00	1152.4	-0.0	127.2
0456		18:30:00	8:35:00	1152.4	0.0	127.2
0457		18:31:00	8:36:00	1579.1	426.7	127.2
0458		18:32:00	8:37:00	2304.2	725.1	126.1
0459		18:33:00	8:38:00	2249.3	-54.9	125.1
0460		18:34:00	8:39:00	2113.2	-136.1	124.4
0461		18:35:00	8:40:00	2012.7	-100.4	124.0
0462		18:36:00	8:41:00	2456.9	444.1	123.8
0463		18:37:00	8:42:00	2131.6	-325.2	123.8
0464		18:38:00	8:43:00	2235.1	103.5	123.5
0465		18:39:00	8:44:00	2341.2	106.0	123.0
0466		18:40:00	8:45:00	2327.6	-13.6	122.6
0467		18:41:00	8:46:00	2319.5	-8.1	122.3
0468		18:42:00	8:47:00	2304.6	-14.9	122.0
0469		18:43:00	8:48:00	2231.4	-73.2	121.7
0470		18:44:00	8:49:00	2334.7	103.3	121.3
0471		18:45:00	8:50:00	2310.6	-24.1	120.5
0472		18:46:00	8:51:00	2279.8	-30.8	119.7
0473		18:47:00	8:52:00	2255.8	-24.0	118.8
0474		18:48:00	8:53:00	2225.4	-30.4	117.9
0475		18:49:00	8:54:00	2197.0	-28.5	117.1
0476		18:50:00	8:55:00	2149.6	-47.4	116.5
0477		18:51:00	8:56:00	2143.2	-6.3	115.9
0478		18:52:00	8:57:00	2127.7	-15.5	115.3
0479		18:53:00	8:58:00	2106.2	-21.5	114.7
0480		18:54:00	8:59:00	2097.5	-8.8	114.2
0481		18:55:00	9:00:00	2074.3	-23.1	113.7
0482		18:56:00	9:01:00	2043.6	-30.8	113.2
0483		18:57:00	9:02:00	2010.8	-32.8	112.7
0484		18:58:00	9:03:00	1967.4	-43.4	112.1
0485		18:59:00	9:04:00	1940.1	-27.3	111.3
0486		19:00:00	9:05:00	1912.8	-27.3	110.5
0487		19:01:00	9:06:00	1878.2	-34.6	109.8
0488		19:02:00	9:07:00	1854.7	-23.5	109.1
0489		19:03:00	9:08:00	1826.9	-27.8	108.4
0490		19:04:00	9:09:00	1667.2	-159.7	107.8

Company: WOOLSEY  
Well Name: RADST#5

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0491	95-07-01	19:05:00	9:10:00	1756.3	89.1	107.2
0492		19:06:00	9:11:00	1716.8	-39.5	106.6
0493		19:07:00	9:12:00	1720.8	4.0	106.0
0494		19:08:00	9:13:00	1706.0	-14.8	105.4
0495		19:09:00	9:14:00	1675.3	-30.8	104.9
0496		19:10:00	9:15:00	1532.1	-143.1	104.4
0497		19:11:00	9:16:00	1484.1	-48.0	104.0
0498		19:12:00	9:17:00	1458.5	-25.6	103.5
0499		19:13:00	9:18:00	1424.1	-34.3	102.9
0500		19:14:00	9:19:00	1464.1	39.9	102.2
0501		19:15:00	9:20:00	1470.9	6.8	101.6
0502		19:16:00	9:21:00	1436.2	-34.8	101.0
0503		19:17:00	9:22:00	1396.1	-40.0	100.5
0504		19:18:00	9:23:00	1368.1	-28.0	99.9
0505		19:19:00	9:24:00	1336.9	-31.2	99.3
0506		19:20:00	9:25:00	1215.8	-121.0	98.8
0507		19:21:00	9:26:00	1180.1	-35.7	98.5
0508		19:22:00	9:27:00	1217.0	36.9	98.2
0509		19:23:00	9:28:00	1194.6	-22.5	97.7
0510		19:24:00	9:29:00	1158.2	-36.4	97.0
0511		19:25:00	9:30:00	1127.8	-30.4	96.5
0512		19:26:00	9:31:00	1102.6	-25.2	95.9
0513		19:27:00	9:32:00	1055.3	-47.3	95.5
0514		19:28:00	9:33:00	1046.7	-8.6	95.2
0515		19:29:00	9:34:00	1044.0	-2.6	95.0
0516		19:30:00	9:35:00	1045.0	0.9	94.8
0517		19:31:00	9:36:00	1045.8	0.9	94.6
0518		19:32:00	9:37:00	1010.5	-35.3	94.4
0519		19:33:00	9:38:00	974.8	-35.8	94.2
0520		19:34:00	9:39:00	943.8	-31.0	94.1
0521		19:35:00	9:40:00	875.8	-68.0	93.9
0522		19:36:00	9:41:00	799.0	-76.8	93.7
0523		19:37:00	9:42:00	805.4	6.5	93.6
0524		19:38:00	9:43:00	805.1	-0.3	93.4
0525		19:39:00	9:44:00	767.8	-37.3	93.2
0526		19:40:00	9:45:00	736.5	-31.3	92.8
0527		19:41:00	9:46:00	705.2	-31.3	92.4
0528		19:42:00	9:47:00	616.2	-89.0	91.9
0529		19:43:00	9:48:00	583.8	-32.4	91.4
0530		19:44:00	9:49:00	548.1	-35.7	91.0
0531		19:45:00	9:50:00	553.1	5.0	90.5
0532		19:46:00	9:51:00	530.8	-22.3	89.7
0533		19:47:00	9:52:00	502.6	-28.2	88.8
0534		19:48:00	9:53:00	473.2	-29.4	87.8
0535		19:49:00	9:54:00	444.2	-29.0	87.0
0536		19:50:00	9:55:00	413.1	-31.1	86.2
0537		19:51:00	9:56:00	376.4	-36.7	85.6
0538		19:52:00	9:57:00	375.4	-1.0	85.0
0539		19:53:00	9:58:00	346.6	-28.8	84.6

Company: WOOLSEY  
Well Name: RADST#5

Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Pressure (psi) (delta)	Temp. (deg F)
0540	95-07-01	19:54:00	9:59:00	298.6	-47.9	84.2
0541		19:55:00	10:00:00	240.3	-58.3	83.8
0542		19:56:00	10:01:00	259.6	19.2	83.4
0543		19:57:00	10:02:00	233.4	-26.1	83.1
0544		19:58:00	10:03:00	204.1	-29.3	82.8
0545		19:59:00	10:04:00	201.0	-3.1	82.5
0546		20:00:00	10:05:00	210.2	9.2	82.3
0547		20:01:00	10:06:00	188.0	-22.2	82.1
0548		20:02:00	10:07:00	171.8	-16.3	82.0
0549		20:03:00	10:08:00	171.0	-0.8	81.8
0550		20:04:00	10:09:00	171.1	0.0	81.7
0551		20:05:00	10:10:00	170.7	-0.4	81.6
0552		20:06:00	10:11:00	170.7	0.0	81.5
0553		20:07:00	10:12:00	142.5	-28.2	81.4
0554		20:08:00	10:13:00	141.8	-0.8	81.3
0555		20:09:00	10:14:00	141.4	-0.4	81.3
0556		20:10:00	10:15:00	141.4	0.0	81.2
0557		20:11:00	10:16:00	141.0	-0.4	81.2
0558		20:12:00	10:17:00	115.6	-25.5	81.1
0559		20:13:00	10:18:00	113.6	-2.0	81.1
0560		20:14:00	10:19:00	113.6	0.0	81.0
0561		20:15:00	10:20:00	113.2	-0.4	81.0
0562		20:16:00	10:21:00	85.0	-28.2	81.0
0563		20:17:00	10:22:00	84.2	-0.8	80.9
0564		20:18:00	10:23:00	84.2	0.0	80.9
0565		20:19:00	10:24:00	84.2	0.0	80.8
0566		20:20:00	10:25:00	55.2	-29.0	80.8
0567		20:21:00	10:26:00	55.6	0.4	80.7
0568		20:22:00	10:27:00	54.4	-1.2	80.7
0569		20:23:00	10:28:00	21.1	-33.3	80.7
0570		20:24:00	10:29:00	18.7	-2.4	80.7
0571		20:25:00	10:30:00	18.8	0.0	80.6
0572		20:26:00	10:31:00	18.8	0.0	80.6
0573		20:27:00	10:32:00	19.2	0.4	80.6
0574		20:28:00	10:33:00	19.2	0.0	80.5
0575		20:29:00	10:34:00	19.2	0.0	80.5
0576		20:30:00	10:35:00	19.2	0.0	80.5
0577		20:31:00	10:36:00	19.2	0.0	80.5
0578		20:32:00	10:37:00	19.2	0.0	80.5
0579		20:33:00	10:38:00	19.2	0.0	80.5
0580		20:34:00	10:39:00	19.6	0.4	80.5
0581		20:35:00	10:40:00	19.6	0.0	80.5
0582		20:36:00	10:41:00	19.6	0.0	80.5
0583		20:37:00	10:42:00	19.6	0.0	80.4
0584		20:38:00	10:43:00	19.6	0.0	80.4
0585		20:39:00	10:44:00	19.6	0.0	80.4
0586		20:40:00	10:45:00	19.6	0.0	80.4
0587		20:41:00	10:46:00	19.6	0.0	80.4
0588		20:42:00	10:47:00	19.6	0.0	80.4

Company: WOOLSEY  
Well Name: RADST#5

PTR 01161

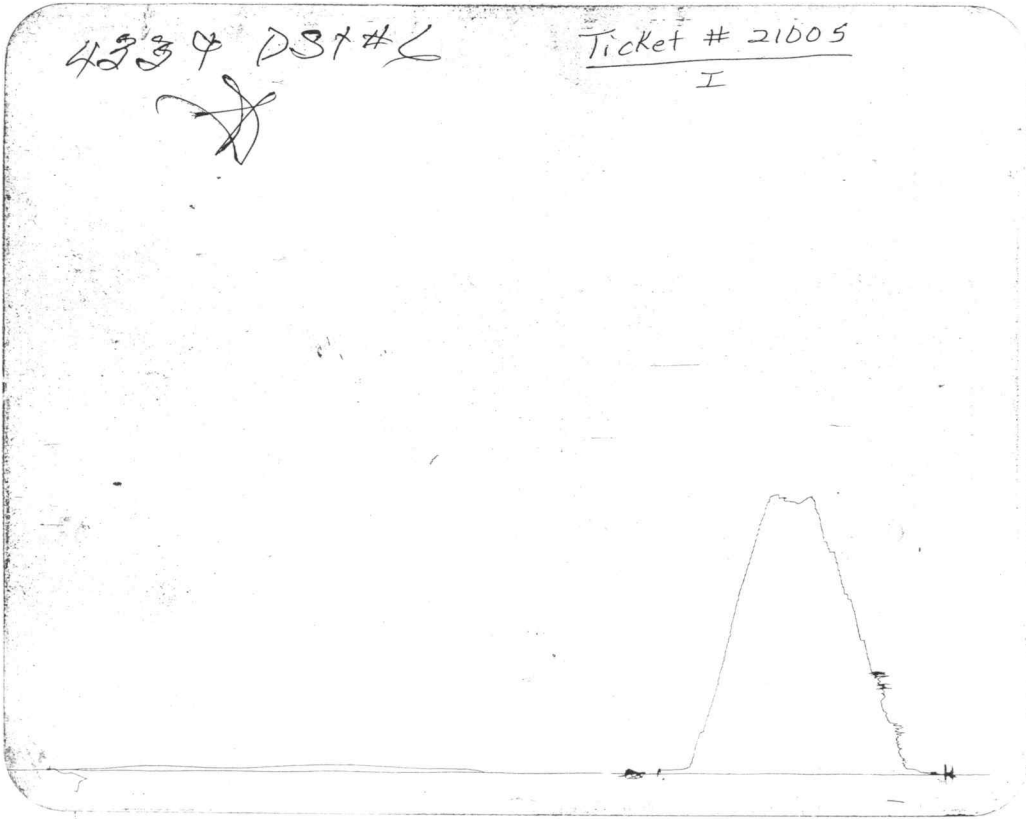
Sample Number	Date (YY-MM-DD)	Time (HH:MM:SS)	El. Time (HH:MM:SS)	Pressure (psi) (abs)	Temp. (deg F)
0589	95-07-01	20:43:00	10:48:00	19.6	80.4
0590		20:44:00	10:49:00	19.6	80.4
0591		20:45:00	10:50:00	19.6	80.3
0592		20:46:00	10:51:00	19.7	80.2
0593		20:47:00	10:52:00	20.5	78.9
0594		20:48:00	10:53:00	21.0	77.3
0595		20:49:00	10:54:00	21.5	75.4

4237 DST#6



Ticket # 21005

I

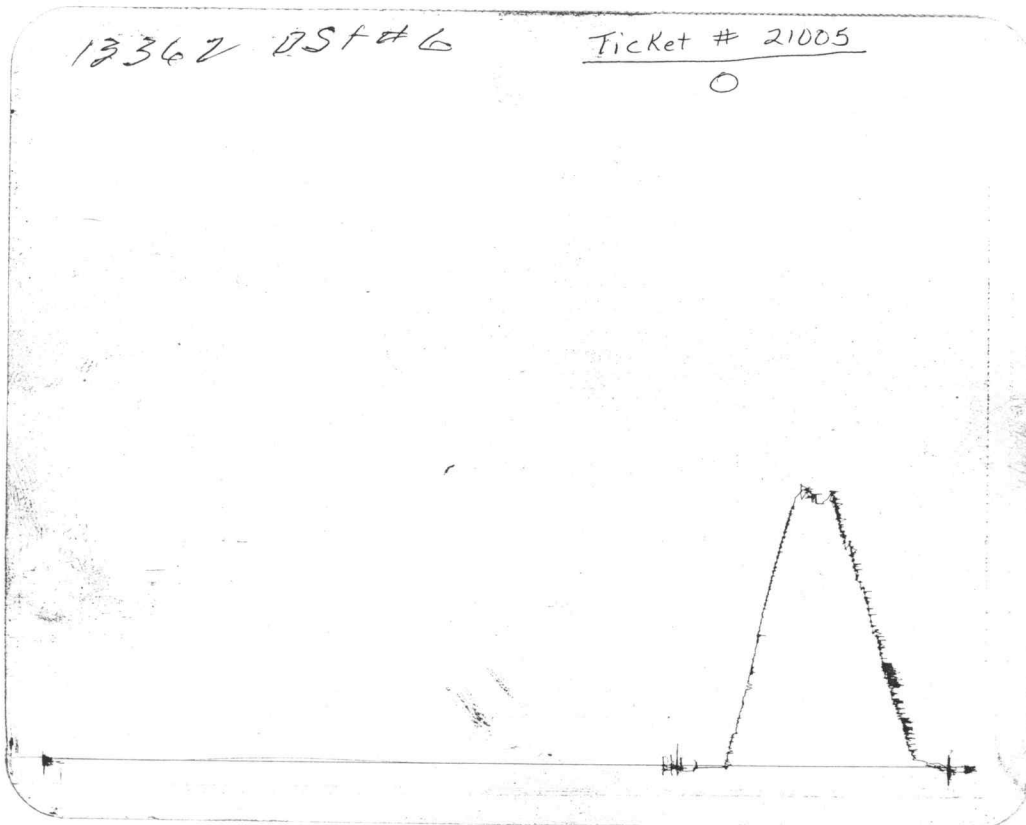


Inside Recorder

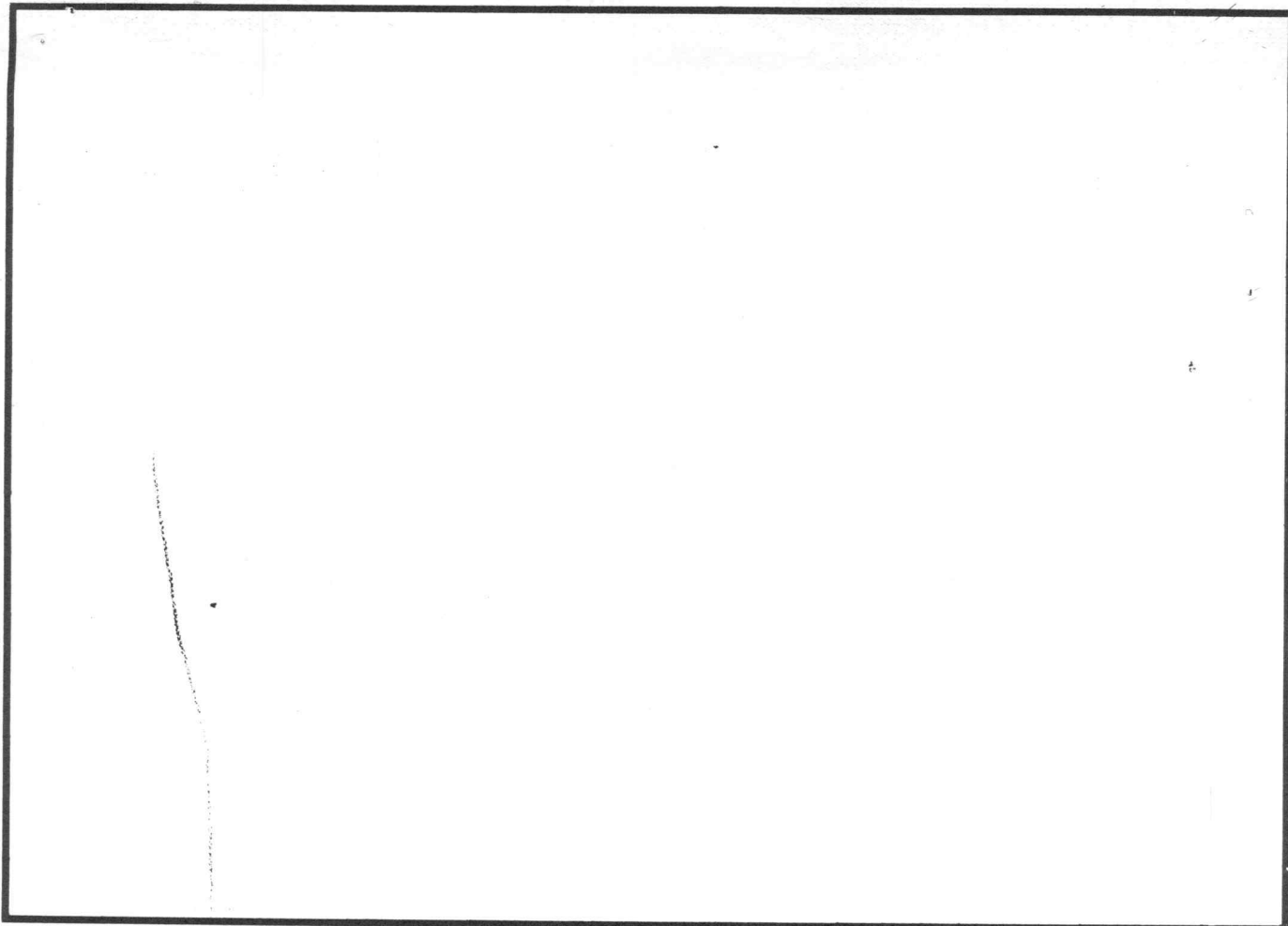
13362 DST#6

Ticket # 21005

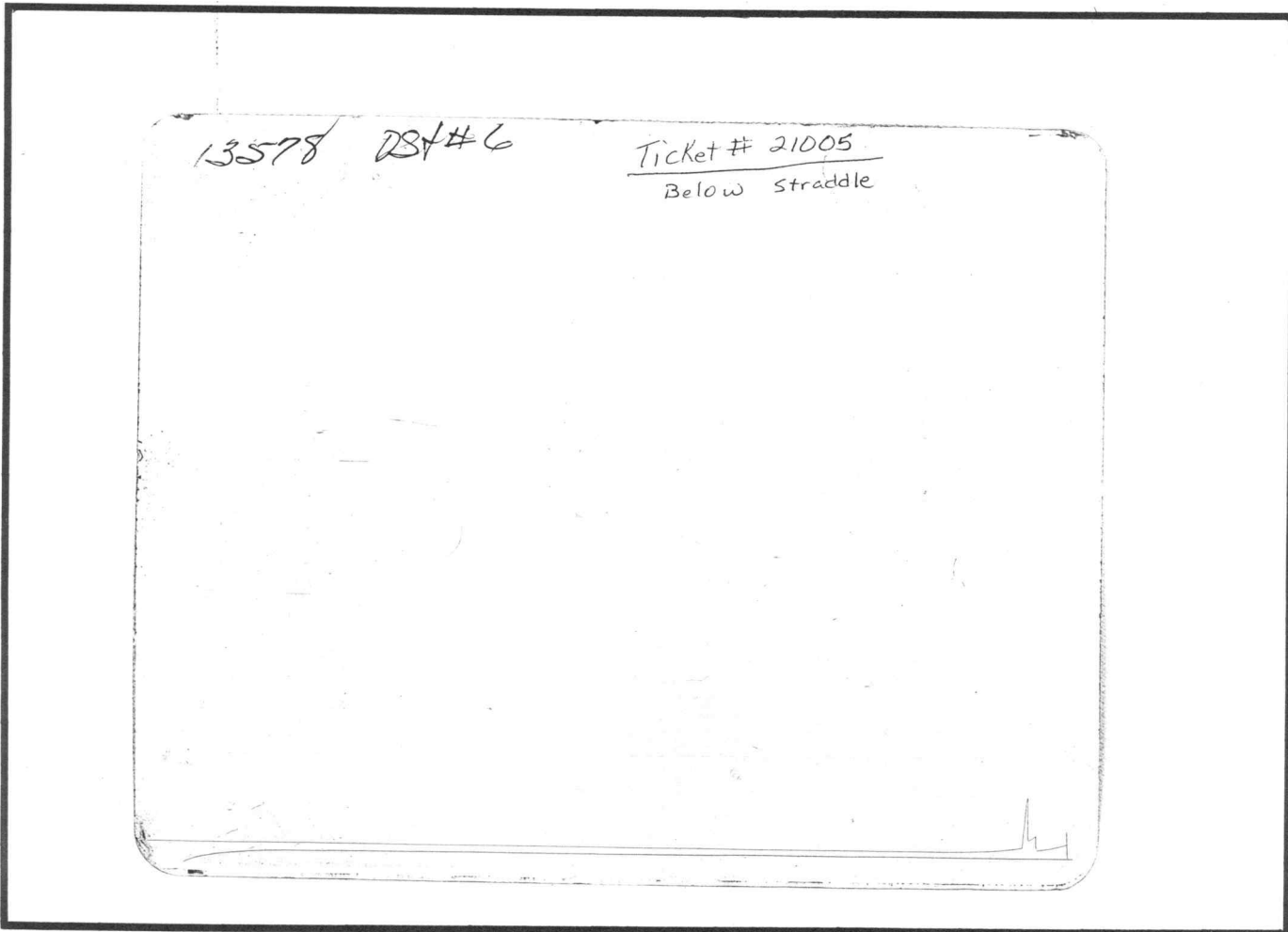
O



Outside Recorder



Inside Recorder



Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE : 7-3-95  
CUSTOMER : WOOLSEY PETROLEUM CO.  
WELL : #2 TEST: 6  
ELEVATION: 2285 KB  
SECTION : 12  
RANGE : 20W COUNTY: KIOWA  
GAUGE SN#: 4339 RANGE : 4300  
TICKET : 21005  
LEASE : LEWIS RALSTIN  
GEOLOGIST: MAUNE  
FORMATION: CHASE GROUP  
TOWNSHIP : 28S  
STATE : KS  
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 3065.00 ft TO: 3090.00 ft TVD: 3105.0 ft  
DEPTH OF SELECTIVE ZONE: 3105 TEST TYPE: OIL  
DEPTH OF RECORDERS: 3069.0 ft 3072.0 ft  
TEMPERATURE: 98.0  
DRILL COLLAR LENGTH: 120.0 ft I.D.: 2.250 in  
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in  
DRILL PIPE LENGTH : 3017.0 ft I.D.: 3.800 in  
TEST TOOL LENGTH : 28.0 ft TOOL SIZE : 5.500 in  
ANCHOR LENGTH : 25.0 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: 3060.0 ft SIZE: 6.630 in  
PACKER DEPTH: 3065.0 ft SIZE: 6.630 in  
PACKER DEPTH: 3090.0 ft SIZE: 6.630 in  
PACKER DEPTH: 0.0 ft SIZE: 0.000 in

MUD INFORMATION

DRILLING CON. : ALLEN DRILLING #1  
MUD TYPE : CHEMICAL VISCOSITY : 70.00 cp  
WEIGHT : 9.300 ppg WATER LOSS: 9.600 cc  
CHLORIDES : 8000 ppm  
JARS-MAKE : WTC SERIAL NUMBER: 405  
DID WELL FLOW?: NO REVERSED OUT?: NO

COMMENTS

Comment

HOOK DIDN'T HOLD. MISRUN. 15FT TO HOOK POINT.

DST REPORT (CONTINUED)

FLUID RECOVERY

<u>Feet of Fluid</u>	<u>% Oil</u>	<u>% Gas</u>	<u>% Water</u>	<u>% Mud</u>	<u>Comments</u>
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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

<u>Description</u>	<u>Duration</u>	<u>p1</u>	<u>p End</u>
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

<u>Description</u>	<u>Duration</u>	<u>p1</u>	<u>p End</u>
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No Events Created

FINAL HYDROSTATIC PRESSURE: 0.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 7-3-95	TICKET : 21005
CUSTOMER : WOOLSEY PETROLEUM CO.	LEASE : LEWIS RALSTIN
WELL : #2 TEST: 6	GEOLOGIST: MAUNE
ELEVATION: 2285 KB	FORMATION: CHASE GROUP
SECTION : 12	TOWNSHIP : 28S
RANGE : 20W COUNTY: KIOWA	STATE : KS
GAUGE SN#: 4339 RANGE : 4300	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
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INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
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FINAL FLOW

Time (min)	Pressure	Delta P
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FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
			No Data Entered