WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET Nº 20588

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1930 KB Formation Douglas Eff. Pay Ft.

#1 Boyd STAATS

District Pratt Date 5-23-94 Customer Order No.

COMPANY NAME Woolsey Petroleum Corp.

ADDRESS 107 North Market Suite Wichita Kansas 67202-1807

LEASE AND WELL NO. B. Staats #1 COUNTY Barber STATE Kansas Sec. 11 Twp. 30S Rge. 14W

Mail Invoice To Same Co. Name Bill to Duke Address No. Copies Requested 8

Mail Charts To Same extra cost charges to Woolsey Address No. Copies Requested 8

Formation Test No. 1 Interval Tested From 3860 ft. to 3942 ft. Total Depth 3942 ft.

Packer Depth 3855 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 3860 ft. Size 6 3/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 3843 ft. Recorder Number 1051 Cap. 4250

Bottom Recorder Depth (Outside) 3866 ft. Recorder Number 4332 Cap. 4200

Below Straddle Recorder Depth — ft. Recorder Number — Cap. —

Drilling Contractor Duke Drilling #5

Mud Type Chem Viscosity 48

Weight 8.9 Water Loss 12.0 cc.

Chlorides 8,800 P.P.M.

Jars: Make WTC Serial Number 41

Did Well Flow? No Reversed Out No

Drill Collar Length -0- I. D. — in.

Weight Pipe Length -0- I. D. — in.

Drill Pipe Length 3832 I. D. 3.8 in.

Test Tool Length 28 ft. Tool Size 5 1/2 OD in.

Anchor Length 82 (42+20) ft. Size 4 1/2 + 5 1/2 in.

Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Weak to strong blow in 5 min on initial flow period
Strong blow 15 minutes on final flow

Recovered ft. of

Recovered 180 ft. of mud

Recovered ft. of

Recovered 688 ft. of water 105,000 P.P.M

Recovered ft. of

Chlorides 868 total P.P.M. Sample Jars used Remarks: fluid

Time On Location 6:00 A.M. P.M. Time Pick Up Tool 8:15 A.M. P.M. Time Off Location 4:30 A.M. P.M.

Time Set Packer(s) 9:50 A.M. P.M. Time Started Off Bottom 1:50 A.M. P.M. Maximum Temperature 112 °F

Initial Hydrostatic Pressure			(A)	1867	P.S.I.	
Initial Flow Period	Minutes	30	(B)	139	P.S.I. to (C)	161 P.S.I.
Initial Closed In Period	Minutes	60	(D)	1387	P.S.I.	
Final Flow Period	Minutes	60	(E)	268	P.S.I. to (F)	398 P.S.I.
Final Closed In Period	Minutes	90	(G)	1334	P.S.I.	
Final Hydrostatic Pressure			(H)	1813	P.S.I.	

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.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Michael K. Maune
Signature of Customer or his authorized representative

Western Representative Rod Trist - Thank You

FIELD INVOICE

Open Hole Test	$ ✓
Misrun	$
Straddle Test	$
Jars	✓
Selective Zone	$
Safety Joint	$ ✓
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$
Fluid Sampler	$
Extra Charts	$
Insurance	$
Telecopier	$
TOTAL	✓

WESTERN TESTING CO., INC.
Pressure Data

Date 5-12-94 Test Ticket No. 12588

Recorder No. 1051 Capacity Location Ft.

Clock No. Elevation Well Temperature °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	1860 P.S.I.	Open Tool	M	
B	First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C	First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins.
D	Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins.
E	Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins.
F	Second Final Flow Pressure	P.S.I.			
G	Final Closed-in Pressure	P.S.I.			
H	Final Hydrostatic Mud	1859 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: Inc.
of 5 mins. and a
final inc. of 0 Min.

Point	Mins.	Press.
P 1	0	124
P 2	5	5
P 3	10	134
P 4	15	135
P 5	20	142
P 6	25	150
P 7	30	157
P 8	35	
P 9	40	
P10	45	
P11	50	
P12	55	
P13	60	
P14	65	
P15	70	
P16	75	
P17	80	
P18	85	
P19	90	
P20	95	
	100	

Initial Shut-In
Breakdown: Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	157
3	526
6	859
9	1020
12	1103
15	1147
18	1176
21	1206
24	1222
27	1255
30	1271
33	1287
36	1301
39	1311
42	1324
45	1334
48	1342
51	1350
54	1358
57	1363
60	1368
63	1374
66	1378

Second Flow Pressure
Breakdown: Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	178
5	5
10	228
15	280
20	285
25	290
30	308
35	325
40	339
45	360
50	375
55	387
60	403
65	
70	
75	
80	
85	
90	
95	
100	

Final Shut-In
Breakdown: Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	402
3	754
6	918
9	994
12	1050
15	1082
18	1112
21	1139
24	1159
27	1176
30	1192
33	1207
36	1220
39	1230
42	1239
45	1247
48	1254
51	1261
54	1269
57	1274
60	1279

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 12588

Recorder No. _____ Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	P.S.I.	Open Tool	M	
B First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins.
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins.
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins.
F Second Final Flow Pressure	P.S.I.			
G Final Closed-in Pressure	P.S.I.			
H Final Hydrostatic Mud	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: _____ Inc.
of _____ mins. and a
final inc. of _____ Min.

Point Mins.	Press.
P 1 105	
P 2 110	
P 3 115	
P 4 120	
P 5 125	
P 6 130	
P 7 135	
P 8 140	
P 9 145	
P10 150	
P11 155	
P12 160	
P13 165	
P14 170	
P15 175	
P16 180	
P17 185	
P18 190	
P19 195	
P20 200	

Initial Shut-In
Breakdown: _____ Inc.
of _____ mins. and a
final inc. of _____ Min.

Point Minutes	Press.
63	
66	
69	
72	
75	
78	
81	
84	
87	
90	
93	
96	
99	
102	
105	
108	
111	
114	
117	
120	

Second Flow Pressure
Breakdown: _____ Inc.
of _____ mins. and a
final inc. of _____ Min.

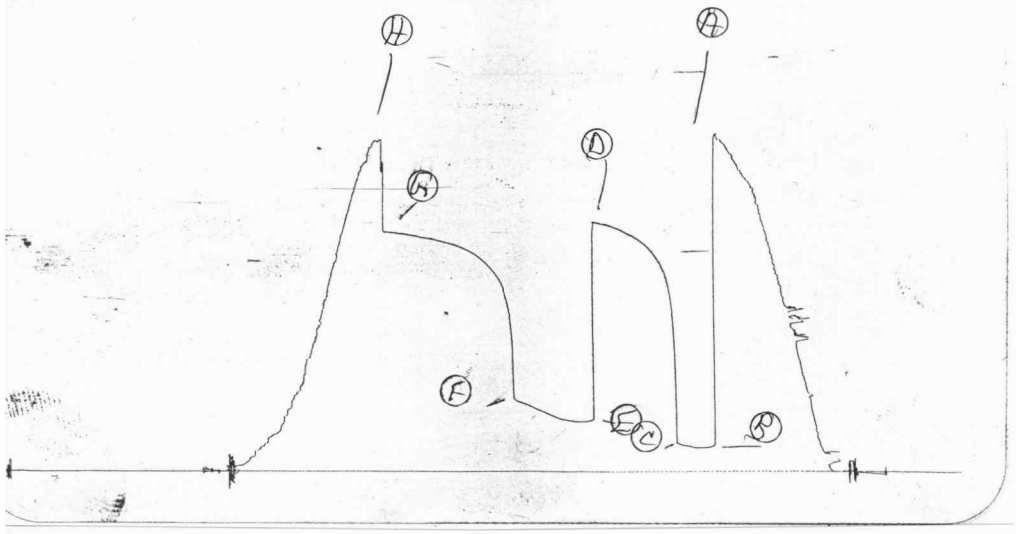
Point Minutes	Press.
105	
110	
115	
120	
125	
130	
135	
140	
145	
150	
155	
160	
165	
170	
175	
180	
185	
190	
195	
200	

Final Shut-In
Breakdown: _____ Inc.
of _____ mins. and a
final inc. of _____ Min.

Point Minutes	Press.
63	1285
66	1288
69	1293
72	1297
75	1300
78	1304
81	1308
84	1311
87	1316
90	1318
93	1320
96	1322
99	1324
102	
105	
108	
111	
114	
117	
120	

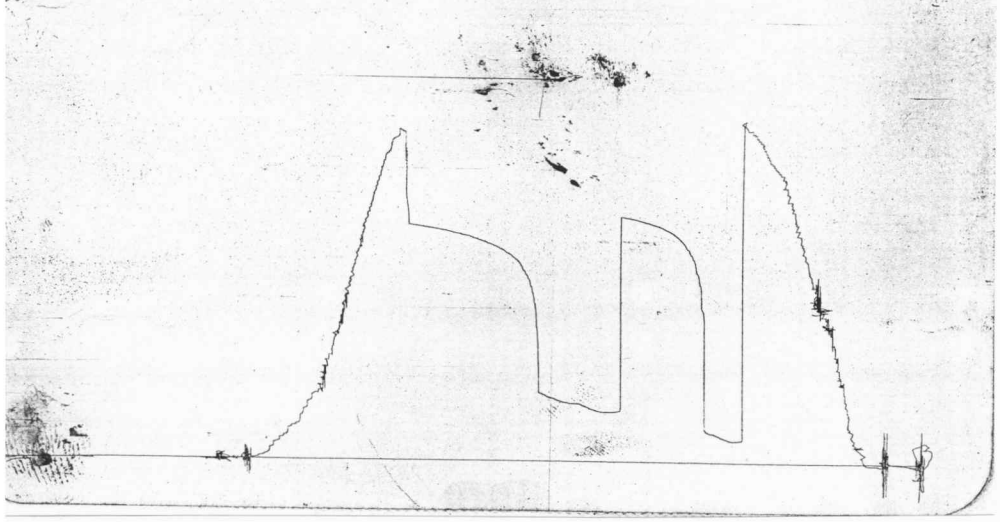
1051 DST #1 KTJ0588 8

J

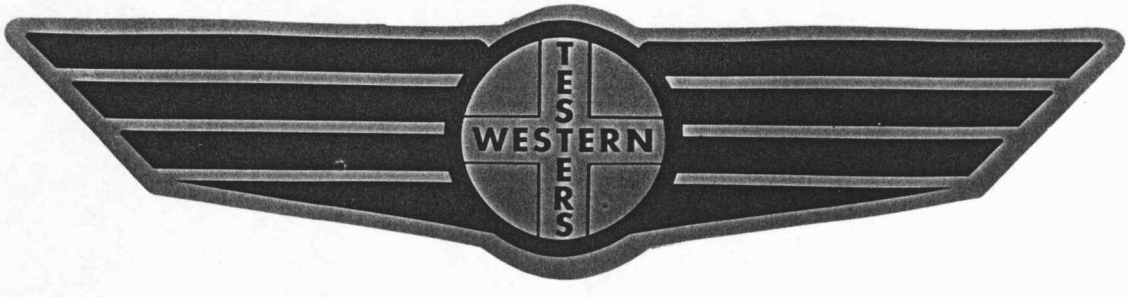


4332 DST #1 KTJ0588 8

O



FORMATION TEST REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone 1-800-688-7021

COMPANY WOOLSEY PETROLEUM CORP LEASE & WELL NO. #1 BOYD STAATS SEC. 11 TWP. 30S RGE. 14W TEST NO. 1 DATE 5/23/94

DST REPORT

GENERAL INFORMATION

DATE	: 5/23/94	TICKET	: 20588
CUSTOMER	: WOOLSEY PETROLEUM CORP	LEASE	: BOYD STAATS
WELL	: #1 TEST: 1	GEOLOGIST	: MAUNE
ELEVATION	: 1930 KB	FORMATION	: DOUGLAS
SECTION	: 11	TOWNSHIP	: 30S
RANGE	: 14W COUNTY: BARBER	STATE	: KS
GAUGE SN#	: 1051 RANGE : 4250	CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 3860.00 ft TO: 3942.00 ft TVD: 3942.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 3863.0 ft 3866.0 ft
TEMPERATURE: 112.0

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 :	3832.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	82.0 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:	3855.0 ft	SIZE:	6.630 in
PACKER DEPTH:	3860.0 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.	: DUKE DRILLING RIG 5		
MUD TYPE	: CHEMICAL	VISCOSITY :	48.00 cp
WEIGHT	: 8.900 ppg	WATER LOSS:	12.000 cc
CHLORIDES	: 8800 ppm		
JARS-MAKE	: WTC	SERIAL NUMBER:	411
DID WELL FLOW?	: NO	REVERSED OUT?:	NO

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK TO STRONG BLOW IN 5 MINUTES. FINAL FLOW PERIOD STRONG BLOW 15 MINUTES.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
180.0	0.0	0.0	0.0	100.0	MUD
688.0	0.0	0.0	100.0	0.0	WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 105000 PPM

RATE INFORMATION

OIL VOLUME: 0.0000 STB
GAS VOLUME: 0.0000 SCF
MUD VOLUME: 2.5247 STB
WATER VOLUME: 9.6501 STB
TOTAL FLUID : 12.1749 STB

TOTAL FLOW TIME: 90.0000 min.
AVERAGE OIL RATE: 0.0000 STB/D
AVERAGE WATER RATE: 154.4021 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1867.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	139.00	161.00
INITIAL SHUT-IN	60.00		1387.00
FINAL FLOW	60.00	268.00	398.00
FINAL SHUT-IN	90.00		1334.00

FINAL HYDROSTATIC PRESSURE: 1813.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1860.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	134.00	157.00
INITIAL SHUT-IN	66.00		1378.00
FINAL FLOW	60.00	278.00	403.00
FINAL SHUT-IN	99.00		1324.00

FINAL HYDROSTATIC PRESSURE: 1829.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 5/23/94	TICKET	: 20588
CUSTOMER	: WOOLSEY PETROLEUM CORP	LEASE	: BOYD STAATS
WELL	: #1 TEST: 1	GEOLOGIST	: MAUNE
ELEVATION	: 1930 KB	FORMATION	: DOUGLAS
SECTION	: 11	TOWNSHIP	: 30S
RANGE	: 14W COUNTY: BARBER	STATE	: KS
GAUGE SN#	: 1051 RANGE : 4250	CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	134.00	134.00
5.00	134.00	0.00
10.00	134.00	0.00
15.00	135.00	1.00
20.00	142.00	7.00
25.00	150.00	8.00
30.00	157.00	7.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	576.00	576.00	0.00
6.00	871.00	295.00	0.00
9.00	1022.00	151.00	0.00
12.00	1103.00	81.00	0.00
15.00	1147.00	44.00	0.00
18.00	1176.00	29.00	0.00
21.00	1206.00	30.00	0.00
24.00	1232.00	26.00	0.00
27.00	1255.00	23.00	0.00
30.00	1272.00	17.00	0.00
33.00	1287.00	15.00	0.00
36.00	1301.00	14.00	0.00
39.00	1311.00	10.00	0.00
42.00	1324.00	13.00	0.00
45.00	1334.00	10.00	0.00
48.00	1343.00	9.00	0.00
51.00	1352.00	9.00	0.00
54.00	1358.00	6.00	0.00
57.00	1363.00	5.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
60.00	1368.00	5.00	0.00
63.00	1374.00	6.00	0.00
66.00	1378.00	4.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	278.00	278.00
5.00	278.00	0.00
10.00	278.00	0.00
15.00	280.00	2.00
20.00	285.00	5.00
25.00	290.00	5.00
30.00	308.00	18.00
35.00	325.00	17.00
40.00	339.00	14.00
45.00	360.00	21.00
50.00	375.00	15.00
55.00	387.00	12.00
60.00	403.00	16.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	751.00	751.00	0.00
6.00	918.00	167.00	0.00
9.00	991.00	73.00	0.00
12.00	1050.00	59.00	0.00
15.00	1082.00	32.00	0.00
18.00	1112.00	30.00	0.00
21.00	1139.00	27.00	0.00
24.00	1159.00	20.00	0.00
27.00	1176.00	17.00	0.00
30.00	1193.00	17.00	0.00
33.00	1207.00	14.00	0.00
36.00	1220.00	13.00	0.00
39.00	1230.00	10.00	0.00
42.00	1239.00	9.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
45.00	1247.00	8.00	0.00
48.00	1254.00	7.00	0.00
51.00	1262.00	8.00	0.00
54.00	1269.00	7.00	0.00
57.00	1274.00	5.00	0.00
60.00	1279.00	5.00	0.00
63.00	1283.00	4.00	0.00
66.00	1288.00	5.00	0.00
69.00	1293.00	5.00	0.00
72.00	1297.00	4.00	0.00
75.00	1300.00	3.00	0.00
78.00	1304.00	4.00	0.00
81.00	1308.00	4.00	0.00
84.00	1312.00	4.00	0.00
87.00	1315.00	3.00	0.00
90.00	1318.00	3.00	0.00
93.00	1320.00	2.00	0.00
96.00	1322.00	2.00	0.00
99.00	1324.00	2.00	0.00

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 20589

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1930 KB Formation _____ Eff. Pay _____ Ft.

District Pratt Date 5-24-94 Customer Order No. _____

COMPANY NAME Woolsey Petroleum Corp

ADDRESS 107 North Market Suite 660 Wichita 67202-1807

LEASE AND WELL NO. Boyd Staats #1 COUNTY Barber STATE Kansas Sec. 11 Twp. 30s Rge. 14W

Mail Invoice To Co. Name Same Address _____ No. Copies Requested 8

Mail Charts To Same Address _____ No. Copies Requested 8

Formation Test No. 2 Interval Tested From 3972 ft. to 4010 ft. Total Depth 4010 ft.

Packer Depth 3967 ft. Size 6 3/8 in. Packer Depth — ft. Size — in.

Packer Depth 3972 ft. Size 6 3/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 3956 ft. Recorder Number 1051 Cap. 4250

Bottom Recorder Depth (Outside) 3999 ft. Recorder Number 4332 Cap. 4200

Below Straddle Recorder Depth — ft. Recorder Number — Cap. —

Drilling Contractor Duke Drilling #5 Drill Collar Length -0- I. D. — in.

Mud Type Chem Viscosity 45 Weight Pipe Length -0- I. D. — in.

Weight 9.0 Water Loss 15.2 cc. Drill Pipe Length 3944 I. D. 3.8 in.

Chlorides 6,200 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 OD in.

Jars: Make WTC Serial Number 411 Anchor Length 36 ft. Size 5 1/2 OD in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Strong blow in 15 min on initial flow period
Strong blow 25 min on final flow period

Recovered 120 ft. of Watercut mud 30% water 70% mud — slight show of oil

Recovered ____ ft. of

Recovered 732 ft. of Water - 97,000 P.P.M Resistivity .005

Recovered ____ ft. of

Recovered ____ ft. of

Chlorides ____ P.P.M. Sample Jars used ____ Remarks: ____

Time On Location 11:45 A.M. / P.M. Time Pick Up Tool 12:45 A.M. / P.M. Time Off Location 8:30 A.M. / P.M.

Time Set Packer(s) 2:05 A.M. / P.M. Time Started Off Bottom 6:05 A.M. / P.M. Maximum Temperature 118 °F

Initial Hydrostatic Pressure			(A) 1920	P.S.I.		
Initial Flow Period	Minutes 30		(B) 107	P.S.I. to	(C) 193	P.S.I.
Initial Closed In Period	Minutes 60		(D) 1440	P.S.I.		
Final Flow Period	Minutes 60		(E) 301	P.S.I. to	(F) 463	P.S.I.
Final Closed In Period	Minutes 90		(G) 1387	P.S.I.		
Final Hydrostatic Pressure			(H) 1899	P.S.I.		

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.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Michael K Mauk
Signature of Customer or his authorized representative

Western Representative Rod Tutt - Thank you

FIELD INVOICE

Open Hole Test	$ ____
Misrun	$ ____
Straddle Test	$ ____
Jars	✓ ____
Selective Zone	$ ____
Safety Joint	✓ ____
Standby	$ ____
Evaluation	$ ____
Extra Packer	$ ____
Circ. Sub.	$ ____
Mileage	$ ____
Fluid Sampler	$ ____
Extra Charts	$ ____
Insurance	$ ____
Telecopier	$ ____
TOTAL	✓ ____

WESTERN TESTING CO., INC.
Pressure Data

Date 5-24-94 Test Ticket No. 10589

Recorder No. 1051 Capacity Location Ft.

Clock No. Elevation Well Temperature °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	1524 P.S.I.	Open Tool	M	
B	First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C	First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins.
D	Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins.
E	Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins.
F	Second Final Flow Pressure	P.S.I.			
G	Final Closed-in Pressure	P.S.I.			
H	Final Hydrostatic Mud	1895 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure

Breakdown: Inc. of 5 mins. and a final inc. of 0 Min.

Point	Mins.	Press.
P 1	0	137
P 2	5	137
P 3	10	137
P 4	15	145
P 5	20	160
P 6	25	182
P 7	30	209
P 8	35	
P 9	40	
P10	45	
P11	50	
P12	55	
P13	60	
P14	65	
P15	70	
P16	75	
P17	80	
P18	85	
P19	90	
P20	95	
	100	

Initial Shut-In

Breakdown: Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	209
3	276
6	1110
9	1333
12	1384
15	1416
18	1442
21	1459
24	1438
27	1390
30	1401
33	1409
36	1413
39	1417
42	1421
45	1425
48	1428
51	1431
54	1434
57	1437
60	1439
63	1441
66	1442

Second Flow Pressure

Breakdown: Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	304
5	5
10	360
15	397
20	420
25	442
30	466
35	387
40	406
45	423
50	441
55	456
60	464
65	
70	
75	
80	
85	
90	
95	
100	

Final Shut-In

Breakdown: Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	464
3	824
6	1099
9	1186
12	1224
15	1252
18	1281
21	1304
24	1317
27	1328
30	1337
33	1347
36	1355
39	1358
42	1361
45	1366
48	1370
51	1374
54	1378
57	1381
60	1382

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 10587

Recorder No. _____ Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	P.S.I.	Open Tool	M	
B First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins.
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins.
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins.
F Second Final Flow Pressure	P.S.I.			
G Final Closed-in Pressure	P.S.I.			
H Final Hydrostatic Mud	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: _____ Inc.
of _____ mins. and a
final inc. of _____ Min.

Point Mins.	Press.
P 1 105	
P 2 110	
P 3 115	
P 4 120	
P 5 125	
P 6 130	
P 7 135	
P 8 140	
P 9 145	
P10 150	
P11 155	
P12 160	
P13 165	
P14 170	
P15 175	
P16 180	
P17 185	
P18 190	
P19 195	
P20 200	

Initial Shut-In
Breakdown: _____ Inc.
of _____ mins. and a
final inc. of _____ Min.

Point Minutes	Press.
63	
66	
69	
72	
75	
78	
81	
84	
87	
90	
93	
96	
99	
102	
105	
108	
111	
114	
117	
120	

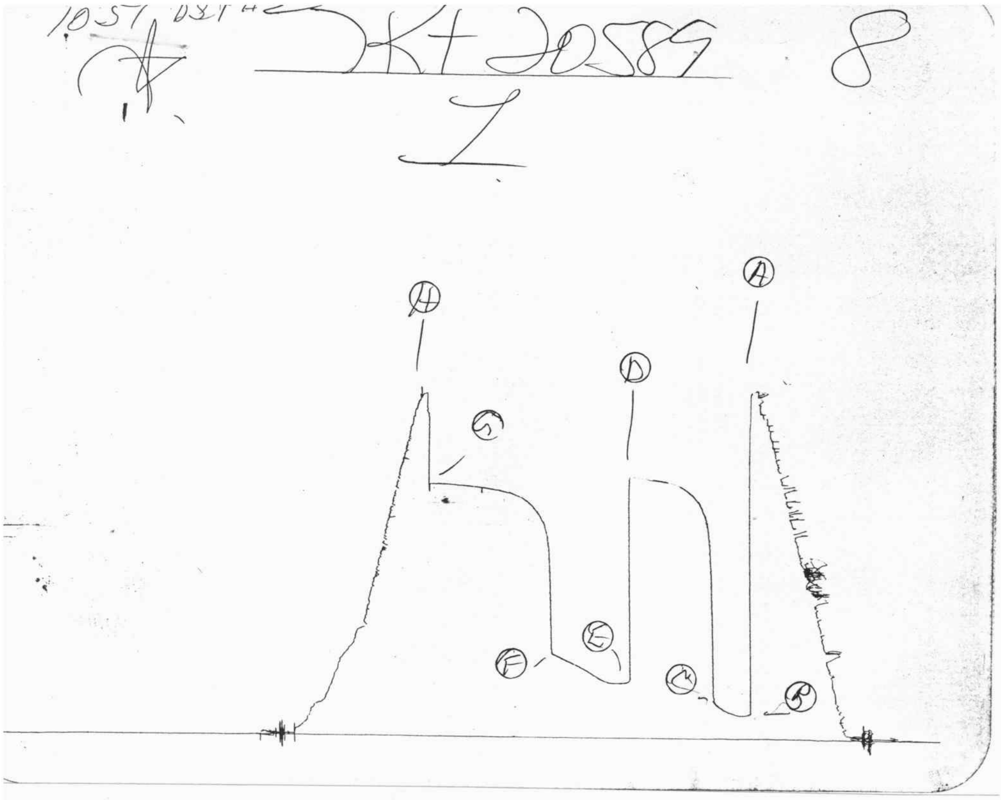
Second Flow Pressure
Breakdown: _____ Inc.
of _____ mins. and a
final inc. of _____ Min.

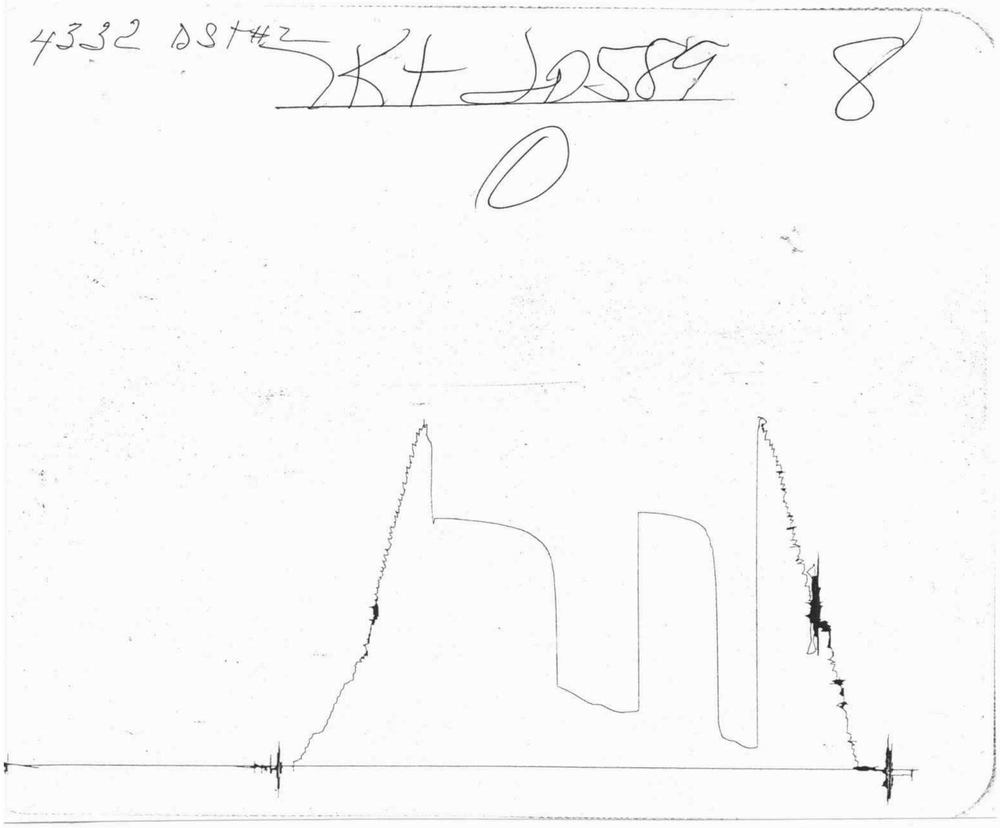
Point Minutes	Press.
105	
110	
115	
120	
125	
130	
135	
140	
145	
150	
155	
160	
165	
170	
175	
180	
185	
190	
195	
200	

Final Shut-In
Breakdown: _____ Inc.
of _____ mins. and a
final inc. of _____ Min.

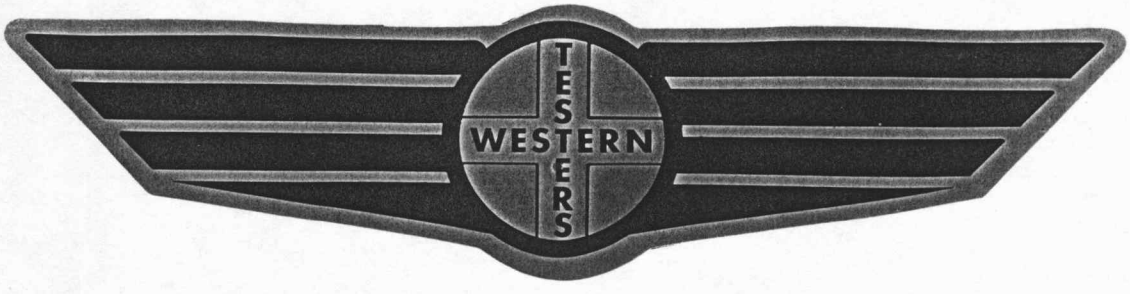
Point Minutes	Press.
63	1585
66	1587
69	1589
72	1590
75	1591
78	1592
81	1593
84	1594
87	1595
90	1596
93	1596
96	
99	
102	
105	
108	
111	
114	
117	
120	

WTC - 4


1057 DST#2
DKT 20589
8
1
H
G
D
A
F
E
C
B


4332 DST#2
DKT 20589
8
0

FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone 1-800-688-7021

COMPANY WOOLSEY PETROLEUM CORP LEASE & WELL NO. #1 BOYD STAATS SEC. 11 TWP. 30S RGE. 14W TEST NO. 2 DATE 5/24/94

DST REPORT

GENERAL INFORMATION

DATE	: 5/24/94	TICKET	: 20589
CUSTOMER	: WOOLSEY PETROLEUM CORP	LEASE	: BOYD STAATS
WELL	: #1 TEST: 2	GEOLOGIST	: MAUNE
ELEVATION	: 1930 KB	FORMATION	:
SECTION	: 11	TOWNSHIP	: 30S
RANGE	: 14W COUNTY: BARBER	STATE	: KS
GAUGE SN#	: 1051 RANGE : 4250	CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 3972.00 ft TO: 4010.00 ft TVD: 4010.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 3976.0 ft 3979.0 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 :	3944.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	38.0 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:	3967.0 ft	SIZE:	6.630 in
PACKER DEPTH:	3972.0 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.	: DUKE DRILLING RIG 5		
MUD TYPE	: CHEMICAL	VISCOSITY :	45.00 cp
WEIGHT	: 9.000 ppg	WATER LOSS:	15.200 cc
CHLORIDES	: 6200 ppm		
JARS-MAKE	: WTC	SERIAL NUMBER:	411
DID WELL FLOW?	: NO	REVERSED OUT?:	NO

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW IN 15 MINUTES.
FINAL FLOW PERIOD STRONG BLOW IN 25 MINUTES.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
122.0	0.0	0.0	30.0	70.0	WATER CUT MUD- SLIGHT
0.0	0.0	0.0	0.0	0.0	SHOW OF OIL
732.0	0.0	0.0	100.0	0.0	WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 97000 PPM
0.0	0.0	0.0	0.0	0.0	RESISTIVITY .05

RATE INFORMATION

OIL VOLUME: 0.0000 STB
GAS VOLUME: 0.0000 SCF
MUD VOLUME: 1.1979 STB
WATER VOLUME: 10.7807 STB
TOTAL FLUID : 11.9785 STB

TOTAL FLOW TIME: 90.0000 min.
AVERAGE OIL RATE: 0.0000 STB/D
AVERAGE WATER RATE: 191.6561 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1920.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	107.00	193.00
INITIAL SHUT-IN	60.00		1440.00
FINAL FLOW	60.00	301.00	463.00
FINAL SHUT-IN	90.00		1387.00

FINAL HYDROSTATIC PRESSURE: 1899.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1921.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	131.00	209.00
INITIAL SHUT-IN	66.00		1443.00
FINAL FLOW	60.00	306.00	464.00
FINAL SHUT-IN	93.00		1396.00

FINAL HYDROSTATIC PRESSURE: 1895.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 5/24/94	TICKET	: 20589
CUSTOMER	: WOOLSEY PETROLEUM CORP	LEASE	: BOYD STAATS
WELL	: #1 TEST: 2	GEOLOGIST	: MAUNE
ELEVATION	: 1930 KB	FORMATION	:
SECTION	: 11	TOWNSHIP	: 30S
RANGE	: 14W COUNTY: BARBER	STATE	: KS
GAUGE SN#	: 1051 RANGE : 4250	CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	131.00	131.00
5.00	131.00	0.00
10.00	131.00	0.00
15.00	145.00	14.00
20.00	160.00	15.00
25.00	183.00	23.00
30.00	209.00	26.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	776.00	776.00	0.00
6.00	1110.00	334.00	0.00
9.00	1222.00	112.00	0.00
12.00	1284.00	62.00	0.00
15.00	1316.00	32.00	0.00
18.00	1342.00	26.00	0.00
21.00	1359.00	17.00	0.00
24.00	1378.00	19.00	0.00
27.00	1390.00	12.00	0.00
30.00	1401.00	11.00	0.00
33.00	1409.00	8.00	0.00
36.00	1412.00	3.00	0.00
39.00	1417.00	5.00	0.00
42.00	1421.00	4.00	0.00
45.00	1425.00	4.00	0.00
48.00	1428.00	3.00	0.00
51.00	1431.00	3.00	0.00
54.00	1434.00	3.00	0.00
57.00	1437.00	3.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
60.00	1439.00	2.00	0.00
63.00	1441.00	2.00	0.00
66.00	1443.00	2.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	306.00	306.00
5.00	306.00	0.00
10.00	306.00	0.00
15.00	307.00	1.00
20.00	320.00	13.00
25.00	342.00	22.00
30.00	366.00	24.00
35.00	387.00	21.00
40.00	406.00	19.00
45.00	423.00	17.00
50.00	441.00	18.00
55.00	456.00	15.00
60.00	464.00	8.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	841.00	841.00	0.00
6.00	1099.00	258.00	0.00
9.00	1186.00	87.00	0.00
12.00	1224.00	38.00	0.00
15.00	1253.00	29.00	0.00
18.00	1281.00	28.00	0.00
21.00	1304.00	23.00	0.00
24.00	1317.00	13.00	0.00
27.00	1328.00	11.00	0.00
30.00	1339.00	11.00	0.00
33.00	1347.00	8.00	0.00
36.00	1353.00	6.00	0.00
39.00	1357.00	4.00	0.00
42.00	1361.00	4.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
45.00	1366.00	5.00	0.00
48.00	1370.00	4.00	0.00
51.00	1374.00	4.00	0.00
54.00	1378.00	4.00	0.00
57.00	1381.00	3.00	0.00
60.00	1383.00	2.00	0.00
63.00	1385.00	2.00	0.00
66.00	1387.00	2.00	0.00
69.00	1389.00	2.00	0.00
72.00	1390.00	1.00	0.00
75.00	1391.00	1.00	0.00
78.00	1392.00	1.00	0.00
81.00	1393.00	1.00	0.00
84.00	1394.00	1.00	0.00
87.00	1395.00	1.00	0.00
90.00	1396.00	1.00	0.00
93.00	1396.00	0.00	0.00

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 20590

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1930 KB Formation Miss Eff. Pay Ft.

District PRATT Date 5-25-94 Customer Order No.

COMPANY NAME Woolsey Petroleum Corp

ADDRESS 107 North Market Suite #600 Wichita, Kans 67202-1807

LEASE AND WELL NO. Boyd Staats #1 COUNTY Barber STATE Kansas Sec. 11 Twp. 30s Rge. 14w

Mail Invoice To Same #1 Boyd Staats No. Copies Requested 8
Co. Name Address

Mail Charts To Same No. Copies Requested 8
Address

Formation Test No. 3 Interval Tested From 4458 ft. to 4550 ft. Total Depth 4550 ft.

Packer Depth 4453 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Packer Depth 4458 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4546 ft. Recorder Number 1051 Cap. 4250

Bottom Recorder Depth (Outside) 4569 ft. Recorder Number 4332 Cap. 4200

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Duke Drilling Co #5 Drill Collar Length -0- I. D. — in.

Mud Type Chem Viscosity 46 Weight Pipe Length -0- I. D. — in.

Weight 9.1 Water Loss 7.2 cc. Drill Pipe Length 4436 I. D. 3.8 in.

Chlorides 4,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.

Jars: Make No Serial Number — Anchor Length 92 (42+50) ft. Size 4 1/2 + 5 1/2 in.

Did Well Flow? No Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Weak blow building to a 6 inch blow in 30 min on initial
Weak to a 8 inch blow on final flow

Recovered ft. of

Recovered 15 ft. of Mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides P.P.M. Sample Jars used Remarks:

Time On Location 5:15 A.M. (P.M.) Time Pick Up Tool 6:10 A.M. (P.M.) Time Off Location 2:00 A.M. (P.M.)

Time Set Packer(s) 7:35 A.M. (P.M.) Time Started Off Bottom 11:35 A.M. P.M. Maximum Temperature 120 °F

Initial Hydrostatic Pressure		(A)	2187	P.S.I.	
Initial Flow Period	Minutes 30	(B)	107	P.S.I. to (C) 107	P.S.I.
Initial Closed In Period	Minutes 60	(D)	139	P.S.I.	
Final Flow Period	Minutes 60	(E)	107	P.S.I. to (F) 107	P.S.I.
Final Closed In Period	Minutes 90	(G)	644	P.S.I.	
Final Hydrostatic Pressure		(H)	2187	P.S.I.	

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.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Michael K. Maune
Signature of Customer or his authorized representative

Western Representative Rod Tritt Thank you

FIELD INVOICE

Open Hole Test	$—
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$—
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$
Fluid Sampler	$
Extra Charts	$
Insurance	$
Telecopier	$—
TOTAL	$—

WESTERN TESTING CO., INC.

Pressure Data

Date 5-25-94 Test Ticket No. 10590

Recorder No. 1051 Capacity Location Ft.

Clock No. Elevation Well Temperature °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2124 P.S.I.	Open Tool	M	
B	First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C	First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins.
D	Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins.
E	Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins.
F	Second Final Flow Pressure	P.S.I.			
G	Final Closed-in Pressure	P.S.I.			
H	Final Hydrostatic Mud	2124 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: Inc.		Breakdown: Inc.		Breakdown: Inc.		Breakdown: Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	111	0	111	0	108	0	108
P 2 5		3		5		3	
P 3 10		6		10		6	
P 4 15		9		15		9	108
P 5 20		12		20		12	112
P 6 25		15	111	25		15	120
P 7 30	111	18	111	30		18	134
P 8 35		21	114	35		21	148
P 9 40		24	112	40		24	169
P10 45		27	116	45		27	182
P11 50		30 119	~~120~~	50		30	204
P12 55		33 121	~~122~~	55		33	228
P13 60		36	122	60	108	36	245
P14 65		39	122	65		39	265
P15 70		42	124	70		42	282
P16 75		45	125	75		45	302
P17 80		48		80		48	325
P18 85		51		85		51	344
P19 90		54		90		54	366
P20 95		57		95		57	385
100		60	125	100		60	405

WESTERN TESTING CO., INC.

Pressure Data

Date _____ Test Ticket No. 10590

Recorder No. _____ Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	P.S.I.	Open Tool	M	
B First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins.
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins.
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins.
F Second Final Flow Pressure	P.S.I.			
G Final Closed-in Pressure	P.S.I.			
H Final Hydrostatic Mud	P.S.I.			

PRESSURE BREAKDOWN

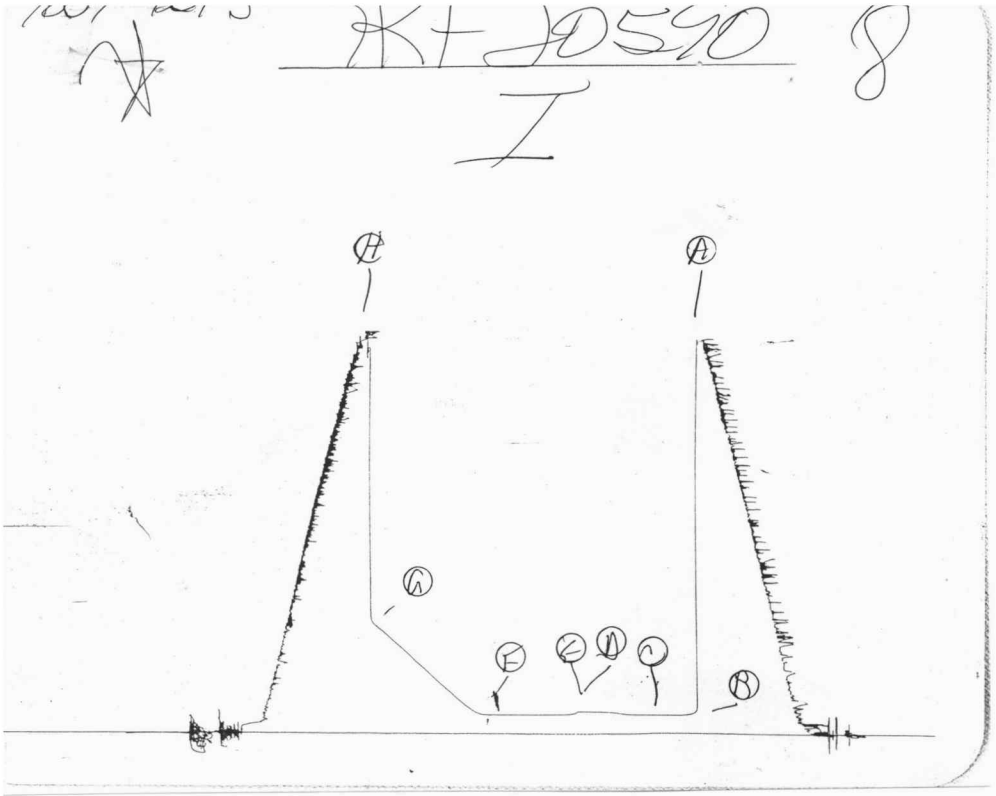
First Flow Pressure
Breakdown: _____ Inc.
of _____ mins. and a
final inc. of _____ Min.

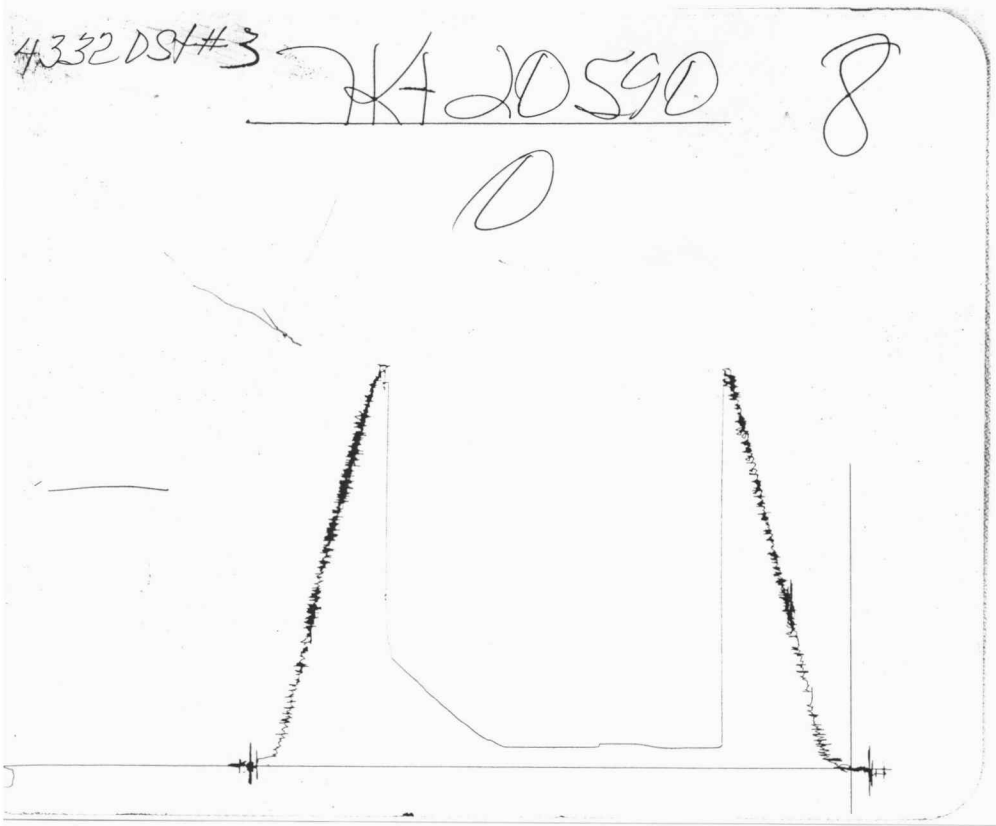
Initial Shut-In
Breakdown: _____ Inc.
of _____ mins. and a
final inc. of _____ Min.

Second Flow Pressure
Breakdown: _____ Inc.
of _____ mins. and a
final inc. of _____ Min.

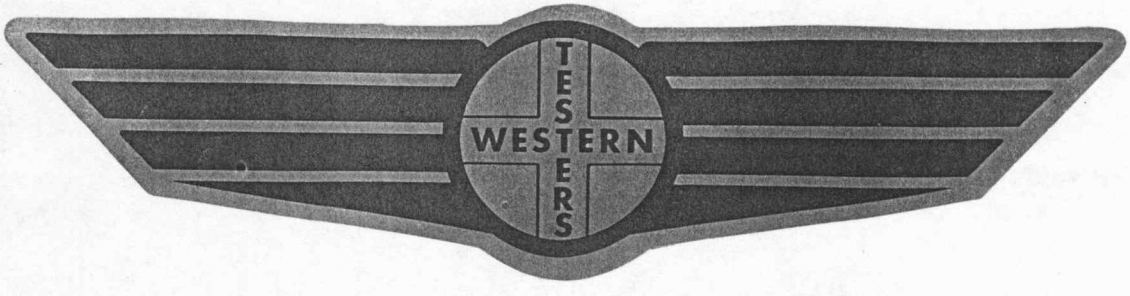
Final Shut-In
Breakdown: _____ Inc.
of _____ mins. and a
final inc. of _____ Min.

Point	Mins.	Press.	Point	Minutes	Press.	Point	Minutes	Press.	Point	Minutes	Press.
P 1	105			63			105			63	423
P 2	110			66			110			66	446
P 3	115			69			115			69	468
P 4	120			72			120			72	486
P 5	125			75			125			75	504
P 6	130			78			130			78	525
P 7	135			81			135			81	546
P 8	140			84			140			84	564
P 9	145			87			145			87	581
P10	150			90			150			90	594
P11	155			93			155			93	604
P12	160			96			160			96	
P13	165			99			165			99	
P14	170			102			170			102	
P15	175			105			175			105	
P16	180			108			180			108	
P17	185			111			185			111	
P18	190			114			190			114	
P19	195			117			195			117	
P20	200			120			200			120	


K+20590
8
I
A
A
G
F
E
D
C
B


4332DS#3
K+20590
8
D

FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone 1-800-688-7021

COMPANY WOOLSEY PETROLEUM CORP LEASE & WELL NO. #1 BOYD STAATS SEC. 11 TWP. 30S RGE. 14W TEST NO. 3 DATE 5/23/94

DST REPORT

GENERAL INFORMATION

DATE	: 5/25/94	TICKET	: 20590
CUSTOMER	: WOOLSEY PETROLEUM CORP	LEASE	: BOYD STAATS
WELL	: #1 TEST: 3	GEOLOGIST	: WOOLSEY
ELEVATION	: 1930 KB	FORMATION	: MISSISSIPPI
SECTION	: 11	TOWNSHIP	: 30S
RANGE	: 14W COUNTY: BARBER	STATE	: KS
GAUGE SN#	: 1051 RANGE : 4250	CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4458.00 ft TO: 4550.00 ft TVD: 4550.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4566.0 ft 4569.0 ft
TEMPERATURE: 120.0

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 :	4436.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	22.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	92.0 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:	4453.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4458.0 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.	: DUKE DRILLING RIG 5		
MUD TYPE	: CHEMICAL	VISCOSITY :	46.00 cp
WEIGHT	: 9.100 ppg	WATER LOSS:	7.200 cc
CHLORIDES	: 4000 ppm		
JARS-MAKE	:	SERIAL NUMBER:	
DID WELL FLOW?	: NO	REVERSED OUT?	: NO

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK BLOW BUILDING TO A 6 INCH BLOW IN 30 MINUTES. FINAL FLOW PERIOD WEAK TO 8 INCH 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	TOTAL FLOW TIME:	90.0000 min.
MUD VOLUME:	0.2104 STB	AVERAGE OIL RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB	AVERAGE WATER RATE:	0.0000 STB/D
TOTAL FLUID :	0.2104 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2187.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	107.00	107.00
INITIAL SHUT-IN	60.00		139.00
FINAL FLOW	60.00	107.00	107.00
FINAL SHUT-IN	90.00		644.00

FINAL HYDROSTATIC PRESSURE: 2187.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2174.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	111.00	111.00
INITIAL SHUT-IN	60.00		125.00
FINAL FLOW	60.00	108.00	108.00
FINAL SHUT-IN	93.00		621.00

FINAL HYDROSTATIC PRESSURE: 2174.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 5/25/94	TICKET	: 20590
CUSTOMER	: WOOLSEY PETROLEUM CORP	LEASE	: BOYD STAATS
WELL	: #1 TEST: 3	GEOLOGIST	: WOOLSEY
ELEVATION	: 1930 KB	FORMATION	: MISSISSIPPI
SECTION	: 11	TOWNSHIP	: 30S
RANGE	: 14W COUNTY: BARBER	STATE	: KS
GAUGE SN#	: 1051 RANGE : 4250	CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	111.00	111.00
5.00	111.00	0.00
10.00	111.00	0.00
15.00	111.00	0.00
20.00	111.00	0.00
25.00	111.00	0.00
30.00	111.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	111.00	111.00	0.00
6.00	111.00	0.00	0.00
9.00	111.00	0.00	0.00
12.00	111.00	0.00	0.00
15.00	111.00	0.00	0.00
18.00	111.00	0.00	0.00
21.00	112.00	1.00	0.00
24.00	113.00	1.00	0.00
27.00	116.00	3.00	0.00
30.00	119.00	3.00	0.00
33.00	121.00	2.00	0.00
36.00	122.00	1.00	0.00
39.00	123.00	1.00	0.00
42.00	124.00	1.00	0.00
45.00	125.00	1.00	0.00
48.00	125.00	0.00	0.00
51.00	125.00	0.00	0.00
54.00	125.00	0.00	0.00
57.00	125.00	0.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
60.00	125.00	0.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	108.00	108.00
5.00	108.00	0.00
10.00	108.00	0.00
15.00	108.00	0.00
20.00	108.00	0.00
25.00	108.00	0.00
30.00	108.00	0.00
35.00	108.00	0.00
40.00	108.00	0.00
45.00	108.00	0.00
50.00	108.00	0.00
55.00	108.00	0.00
60.00	108.00	0.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	108.00	108.00	0.00
6.00	108.00	0.00	0.00
9.00	108.00	0.00	0.00
12.00	112.00	4.00	0.00
15.00	120.00	8.00	0.00
18.00	134.00	14.00	0.00
21.00	148.00	14.00	0.00
24.00	169.00	21.00	0.00
27.00	183.00	14.00	0.00
30.00	204.00	21.00	0.00
33.00	228.00	24.00	0.00
36.00	245.00	17.00	0.00
39.00	265.00	20.00	0.00
42.00	283.00	18.00	0.00
45.00	302.00	19.00	0.00
48.00	325.00	23.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
51.00	344.00	19.00	0.00
54.00	366.00	22.00	0.00
57.00	385.00	19.00	0.00
60.00	405.00	20.00	0.00
63.00	423.00	18.00	0.00
66.00	446.00	23.00	0.00
69.00	468.00	22.00	0.00
72.00	486.00	18.00	0.00
75.00	504.00	18.00	0.00
78.00	525.00	21.00	0.00
81.00	546.00	21.00	0.00
84.00	564.00	18.00	0.00
87.00	581.00	17.00	0.00
90.00	594.00	13.00	0.00
93.00	621.00	27.00	0.00

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 20591

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1930 KB Formation Viola Eff. Pay Ft.

District Pratt Date 5-27-94 Customer Order No.

COMPANY NAME Woolsey Petroleum Corp

ADDRESS 107 North Market Suite 600 Wichita, Kansas 67202-1807

LEASE AND WELL NO. B. Staats #1 COUNTY Barber STATE Kansas Sec. 11 Twp. 30 S Rge. 14 W

Mail Invoice To Same, Co. Name Address No. Copies Requested 8 Log

Mail Charts To Same, Address No. Copies Requested 8 Log

Formation Test No. 4 Interval Tested From 4548 ft. to 4630 ft. Total Depth 4630 ft.

Packer Depth 4543 ft. Size 6 3/8 in. Packer Depth — ft. Size — in.

Packer Depth 4548 ft. Size 6 3/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4552 ft. Recorder Number 1057 Cap. 4250

Bottom Recorder Depth (Outside) 4555 ft. Recorder Number 4332 Cap. 4200

Below Straddle Recorder Depth — ft. Recorder Number — Cap. —

Drilling Contractor Duke Drilling Rig 5 Drill Collar Length 0 I. D. — in.

Mud Type Chem Viscosity 54 Weight Pipe Length 0 I. D. — in.

Weight 9.0 Water Loss 10.0 cc. Drill Pipe Length 4526 I. D. 3.8 in.

Chlorides 5,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 x 20 in.

Jars: Make NOV Serial Number 7 Anchor Length 82 (62+20) ft. Size 4½ + 5½ in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½ XH in.

Blow: Very weak 2 inch blow depleating to no blow 15 min on initial
Very weak surface blow for 5 minutes + died

Recovered ft. of

Recovered 10 ft. of mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides P.P.M. Sample Jars used Remarks:

Time On Location 11:30 A.M. P.M. Time Pick Up Tool 1:15 A.M. P.M. Time Off Location 7:30 A.M. P.M.

Time Set Packer(s) 2:55 A.M. P.M. Time Started Off Bottom 5:25 A.M. P.M. Maximum Temperature 118 °f

Initial Hydrostatic Pressure			(A) 2187	P.S.I.		
Initial Flow Period	Minutes 30		(B) 53	P.S.I. to (C) 53	P.S.I.	
Initial Closed In Period	Minutes 30		(D) 53	P.S.I.		
Final Flow Period	Minutes 30		(E) 53	P.S.I. to (F) 53	P.S.I.	
Final Closed In Period	Minutes 60		(G) 53	P.S.I.		
Final Hydrostatic Pressure			(H) 2187	P.S.I.		

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.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By J Wayne Workley
Signature of Customer or his authorized representative

Western Representative Rod Britt - Thank you

FIELD INVOICE

Open Hole Test	$—
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$—
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$
Fluid Sampler	$
Extra Charts	$
Insurance	$
Telecopier	$
TOTAL	$—

WESTERN TESTING CO., INC.
Pressure Data

Date 5-22-94 Test Ticket No. J0591

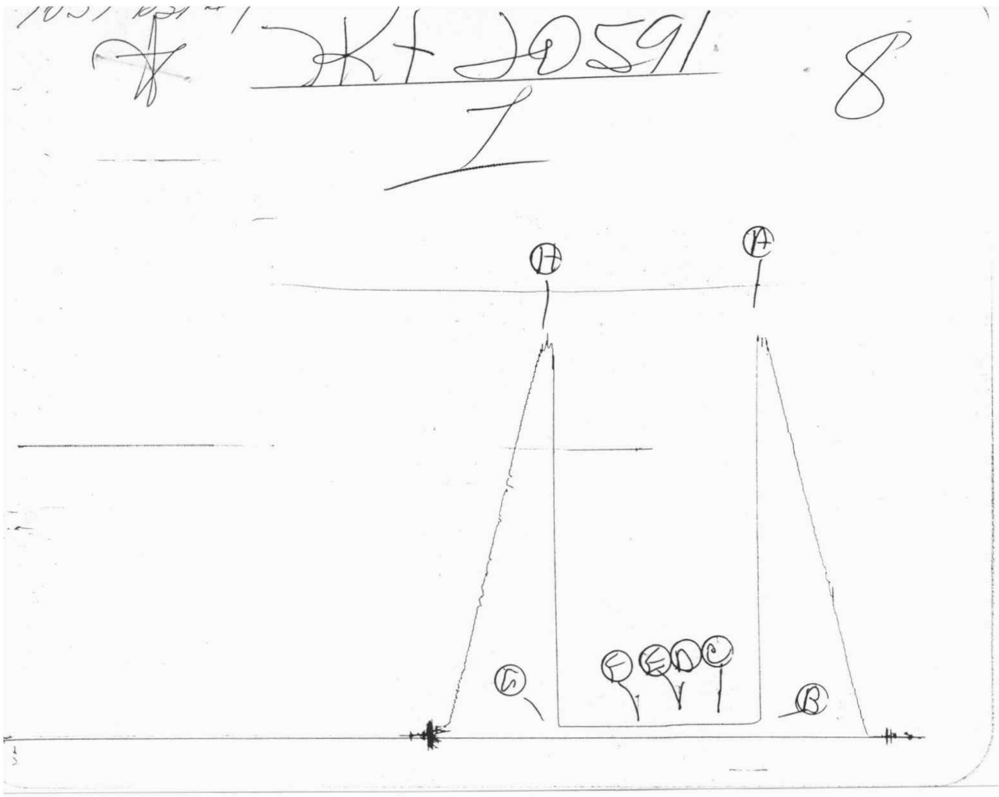
Recorder No. 1051 Capacity Location Ft.

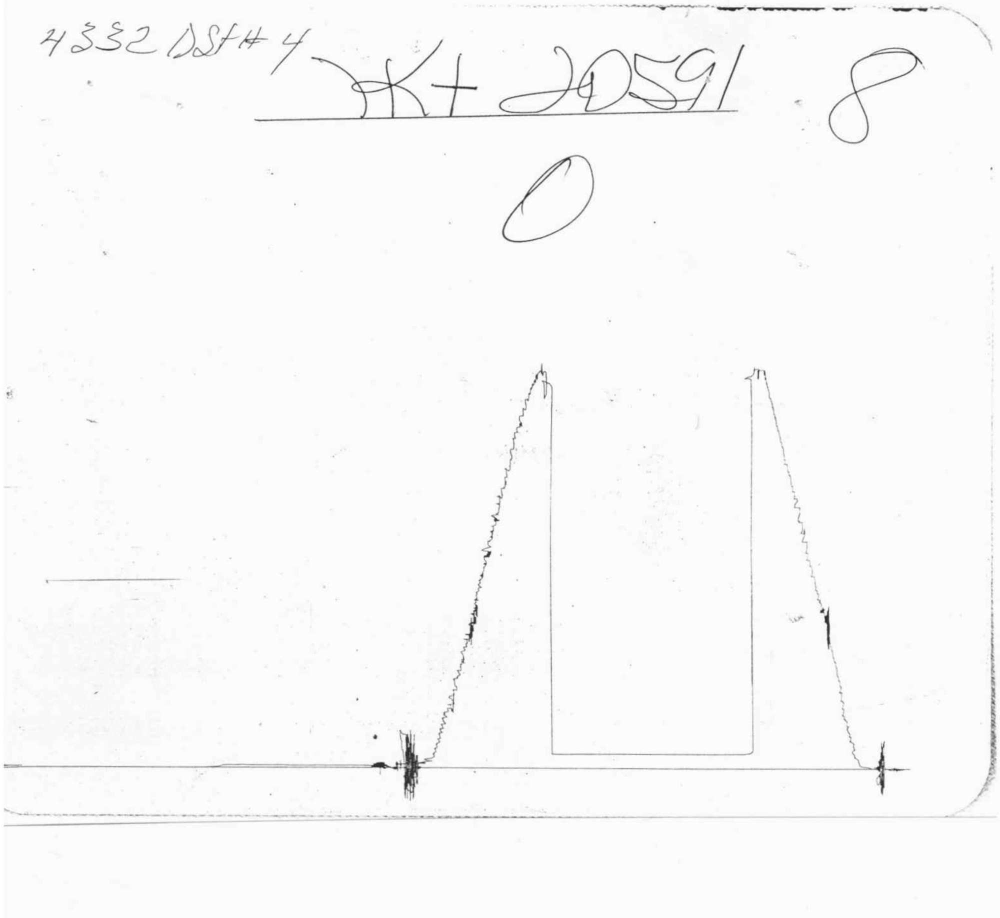
Clock No. Elevation Well Temperature °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2210 P.S.I.	Open Tool	M	
B	First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C	First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins.
D	Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins.
E	Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins.
F	Second Final Flow Pressure	P.S.I.			
G	Final Closed-in Pressure	P.S.I.			
H	Final Hydrostatic Mud	2183 P.S.I.			

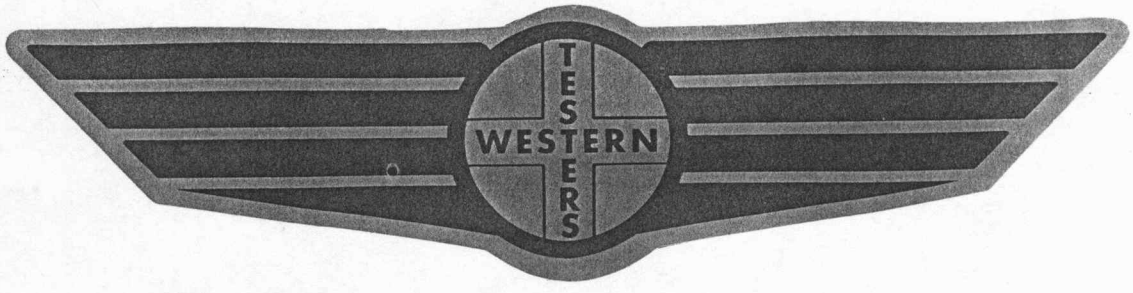
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: Inc.		Breakdown: Inc.		Breakdown: Inc.		Breakdown: Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	75	0	75	0	75	0	666
P 2 5		3		5	71 OK	3	
P 3 10		6		10	67	6	
P 4 15		9		15	66	9	
P 5 20		12		20		12	
P 6 25		15		25		15	66
P 7 30	75	18		30	666	18	
P 8 35		21		35		21	
P 9 40		24		40		24	
P10 45		27		45		27	
P11 50		30	75	50		30	666
P12 55		33		55		33	
P13 60		36		60		36	
P14 65		39		65		39	
P15 70		42		70		42	
P16 75		45		75		45	
P17 80		48		80		48	
P18 85		51		85		51	
P19 90		54		90		54	
P20 95		57		95		57	
100		60		100		60	666


JKt 20591
1
8
H
A
G
F
E
D
C
B


4332 DST# 4
JKt 20591
0
8

FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone 1-800-688-7021

COMPANY WOOLSEY PETROLEUM CORP LEASE & WELL NO. #1 BOYD STAATS SEC. 11 TWP. [illegible] RGE. [illegible] TEST NO. [illegible] DATE [illegible]

DST REPORT

GENERAL INFORMATION

DATE	: 5/27/94	TICKET	: 20591
CUSTOMER	: WOOLSEY PETROLEUM CORP	LEASE	: BOYD STAATS
WELL	: #1 TEST: 4	GEOLOGIST	: WOOLSEY
ELEVATION	: 1930 KB	FORMATION	: VIOLA
SECTION	: 11	TOWNSHIP	: 30S
RANGE	: 14W COUNTY: BARBER	STATE	: KS
GAUGE SN#	: 1051 RANGE : 4250	CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4548.00 ft TO: 4630.00 ft TVD: 4630.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4552.0 ft 4555.0 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 :	4526.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	22.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	82.0 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:	4543.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4548.0 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.	: DUKE DRILLING RIG 5		
MUD TYPE	: CHEMICAL	VISCOSITY :	56.00 cp
WEIGHT	: 9.000 ppg	WATER LOSS:	10.000 cc
CHLORIDES	: 5000 ppm		
JARS-MAKE	:	SERIAL NUMBER:	
DID WELL FLOW?	: NO	REVERSED OUT?	: NO

COMMENTS

Comment

INITIAL FLOW PERIOD VERY WEAK 1/2 INCH BLOW
DEPLEATING TO NO BLOW IN 15 MINUTES. FINAL FLOW
PERIOD VERY WEAK SURFACE BLOW FOR 5 MINUTES & DIED

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
10.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME:	0.0000 STB		
GAS VOLUME:	0.0000 SCF	TOTAL FLOW TIME:	60.0000 min.
MUD VOLUME:	0.1403 STB	AVERAGE OIL RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB	AVERAGE WATER RATE:	0.0000 STB/D
TOTAL FLUID :	0.1403 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2187.00

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

FINAL HYDROSTATIC PRESSURE: 2187.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2210.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	75.00	75.00
INITIAL SHUT-IN	30.00		75.00
FINAL FLOW	30.00	75.00	66.00
FINAL SHUT-IN	60.00		66.00

FINAL HYDROSTATIC PRESSURE: 2183.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 5/27/94	TICKET	: 20591
CUSTOMER	: WOOLSEY PETROLEUM CORP	LEASE	: BOYD STAATS
WELL	: #1 TEST: 4	GEOLOGIST	: WOOLSEY
ELEVATION	: 1930 KB	FORMATION	: VIOLA
SECTION	: 11	TOWNSHIP	: 30S
RANGE	: 14W COUNTY: BARBER	STATE	: KS
GAUGE SN#	: 1051 RANGE : 4250	CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	75.00	75.00
5.00	75.00	0.00
10.00	75.00	0.00
15.00	75.00	0.00
20.00	75.00	0.00
25.00	75.00	0.00
30.00	75.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	75.00	75.00	0.00
6.00	75.00	0.00	0.00
9.00	75.00	0.00	0.00
12.00	75.00	0.00	0.00
15.00	75.00	0.00	0.00
18.00	75.00	0.00	0.00
21.00	75.00	0.00	0.00
24.00	75.00	0.00	0.00
27.00	75.00	0.00	0.00
30.00	75.00	0.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	75.00	75.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

Time (min)	Pressure	Delta P
5.00	71.00	-4.00
10.00	67.00	-4.00
15.00	66.00	-1.00
20.00	66.00	0.00
25.00	66.00	0.00
30.00	66.00	0.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	66.00	66.00	0.00
6.00	66.00	0.00	0.00
9.00	66.00	0.00	0.00
12.00	66.00	0.00	0.00
15.00	66.00	0.00	0.00
18.00	66.00	0.00	0.00
21.00	66.00	0.00	0.00
24.00	66.00	0.00	0.00
27.00	66.00	0.00	0.00
30.00	66.00	0.00	0.00
33.00	66.00	0.00	0.00
36.00	66.00	0.00	0.00
39.00	66.00	0.00	0.00
42.00	66.00	0.00	0.00
45.00	66.00	0.00	0.00
48.00	66.00	0.00	0.00
51.00	66.00	0.00	0.00
54.00	66.00	0.00	0.00
57.00	66.00	0.00	0.00
60.00	66.00	0.00	0.00

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 20592

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1930 KB Formation Simpson Eff. Pay Ft.

District PRATT Date 5-28-94 Customer Order No.

COMPANY NAME Woolsey Petroleum Corp

ADDRESS 107 North Market Wichita, Kansas 67202-1807

LEASE AND WELL NO. B Staats #1 COUNTY Barker STATE Kansas Sec. 11 Twp. 30S Rge. 14W

Mail Invoice To Same Co. Name Rudd Address No. Copies Requested 8

Mail Charts To Same Address No. Copies Requested 8

Formation Test No. 5 Interval Tested From 4628 ft. to 4670 ft. Total Depth 4670 ft.

Packer Depth 4623 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 4628 ft. Size 6 3/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4632 ft. Recorder Number 1051 Cap. 4250

Bottom Recorder Depth (Outside) 4635 ft. Recorder Number 4332 Cap. 4200

Below Straddle Recorder Depth — ft. Recorder Number — Cap. —

Drilling Contractor Duke Drilling Rig #5

Mud Type Chem Viscosity 45-47

Weight 9.0 Water Loss 9.6 cc.

Chlorides 8100 P.P.M.

Jars: Make NO/NO Serial Number — Did Well Flow? No Reversed Out No

Drill Collar Length -0- I. D. — in.

Weight Pipe Length -0- I. D. — in.

Drill Pipe Length 4606 I. D. 3.8 in.

Test Tool Length 22 ft. Tool Size 5½ OD in.

Anchor Length 42 ft. Size 5½ OD in.

Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½ XH in.

Blow: Very weak blow on initial flow for 8 minutes + died
Very weak for 5 min + died

Recovered ft. of

Recovered 25 ft. of Mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides P.P.M. Sample Jars used Remarks:

Time On Location 6:30 A.M./P.M. Time Pick Up Tool 7:00 A.M./P.M. Time Off Location 1:00 A.M./P.M.

Time Set Packer(s) 8:10 A.M./P.M. Time Started Off Bottom 10.40 A.M./P.M. Maximum Temperature 118 °F

Initial Hydrostatic Pressure			(A)	2348	P.S.I.	
Initial Flow Period	Minutes	30	(B)	53	P.S.I. to (C)	53 P.S.I.
Initial Closed In Period	Minutes	30	(D)	53	P.S.I.	
Final Flow Period	Minutes	30	(E)	53	P.S.I. to (F)	53 P.S.I.
Final Closed In Period	Minutes	60	(G)	53	P.S.I.	
Final Hydrostatic Pressure			(H)	2348	P.S.I.	

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.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Wayne Woolsey
Signature of Customer or his authorized representative

Western Representative Rod Pratt Thank you

FIELD INVOICE

Open Hole Test	$
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$
Fluid Sampler	$
Extra Charts	$
Insurance	$
Telecopier	$
TOTAL	$

WESTERN TESTING CO., INC.
Pressure Data

Date 5-28-94 Test Ticket No. 10592

Recorder No. 1051 Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2342 P.S.I.	Open Tool	M	
B	First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C	First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins.
D	Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins.
E	Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins.
F	Second Final Flow Pressure	P.S.I.			
G	Final Closed-in Pressure	P.S.I.			
H	Final Hydrostatic Mud 2327	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: _____ Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	81
P 2 5	81
P 3 10	25
P 4 15	22
P 5 20	21
P 6 25	68
P 7 30	66
P 8 35	
P 9 40	
P10 45	
P11 50	
P12 55	
P13 60	
P14 65	
P15 70	
P16 75	
P17 80	
P18 85	
P19 90	
P20 95	
100	

Initial Shut-In
Breakdown: _____ Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	66
3	
6	
9	
12	
15	66
18	
21	
24	
27	
30	66
33	
36	
39	
42	
45	
48	
51	
54	
57	
60	

Second Flow Pressure
Breakdown: _____ Inc.
of 5 mins. and a
final inc. of 0 Min.

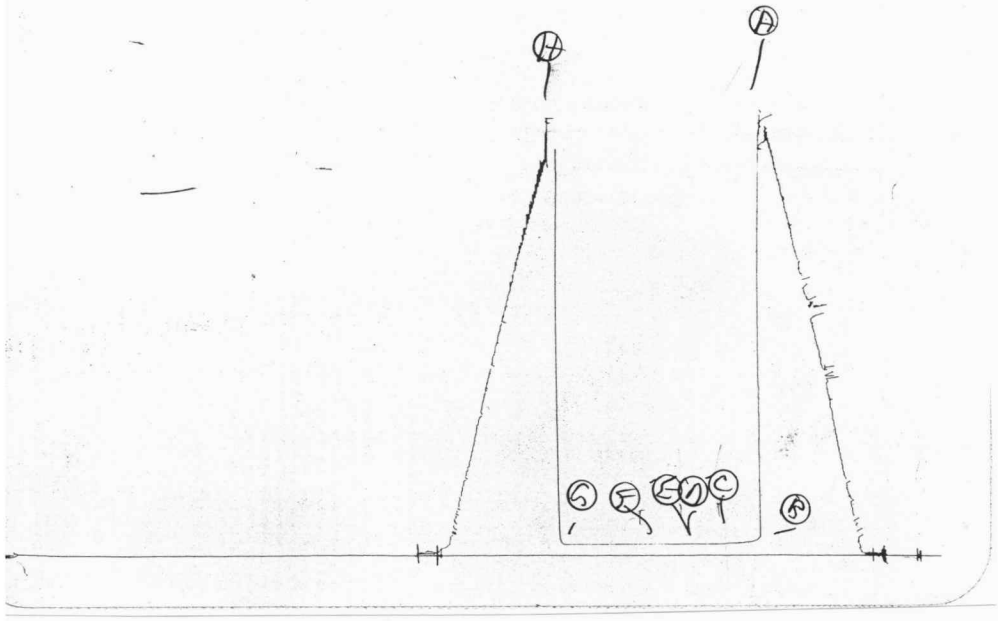
Point Minutes	Press.
0	66
5	
10	
15	
20	
25	
30	66
35	
40	
45	
50	
55	
60	
65	
70	
75	
80	
85	
90	
95	
100	

Final Shut-In
Breakdown: _____ Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	66
3	
6	
9	
12	
15	
18	
21	
24	
27	
30	
33	
36	
39	
42	
45	
48	
51	
54	
57	
60	66

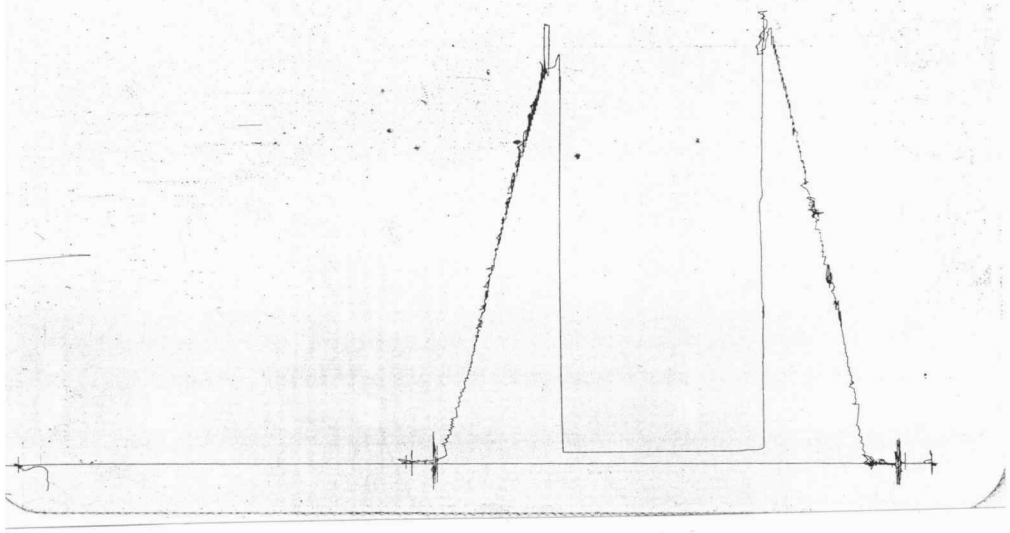
1857 DST #5 TKT 2052 8

1

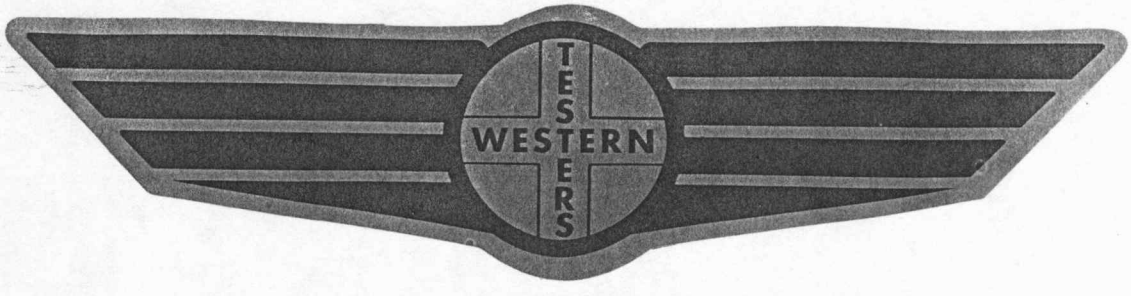


4332 DST #5 TKT 2052 8

0



FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone 1-800-688-7021

COMPANY WOOLSEY PETROLEUM CORPORATION LEASE & WELL NO. #1 BOYD STAATS SEC. 11 TWP. 30S RGE. 41W TEST NO. 3 DATE 07-20-

DST REPORT

GENERAL INFORMATION

DATE	: 5/28/94	TICKET	: 20592
CUSTOMER	: WOOLSEY PETROLEUM CORP	LEASE	: BOYD STAATS
WELL	: #1 TEST: 5	GEOLOGIST	: WOOLSEY
ELEVATION	: 1930 KB	FORMATION	: SIMPSON
SECTION	: 11	TOWNSHIP	: 30S
RANGE	: 14W COUNTY: BARBER	STATE	: KS
GAUGE SN#	: 1051 RANGE : 4250	CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4628.00 ft TO: 4670.00 ft TVD: 4670.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4632.0 ft 4635.0 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 :	4606.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	22.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	42.0 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:	4623.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4628.0 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.	: DUKE DRILLING RIG 5		
MUD TYPE	: CHEMICAL	VISCOSITY :	65.00 cp
WEIGHT	: 9.000 ppg	WATER LOSS:	9.600 cc
CHLORIDES	: 8100 ppm		
JARS-MAKE	:	SERIAL NUMBER:	
DID WELL FLOW?	: NO	REVERSED OUT?:	NO

COMMENTS

Comment

INITIAL FLOW PERIOD VERY WEAK BLOW FOR 8 MINUTES AND DIED. FINAL FLOW PERIOD VERY WEAK BLOW FOR 5 MINUTES AND DIED.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
25.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME:	0.0000 STB		
GAS VOLUME:	0.0000 SCF	TOTAL FLOW TIME:	60.0000 min.
MUD VOLUME:	0.3507 STB	AVERAGE OIL RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB	AVERAGE WATER RATE:	0.0000 STB/D
TOTAL FLUID :	0.3507 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2348.00

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

FINAL HYDROSTATIC PRESSURE: 2348.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2343.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	81.00	66.00
INITIAL SHUT-IN	30.00		66.00
FINAL FLOW	30.00	66.00	66.00
FINAL SHUT-IN	60.00		66.00

FINAL HYDROSTATIC PRESSURE: 2337.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 5/28/94	TICKET	: 20592
CUSTOMER	: WOOLSEY PETROLEUM CORP	LEASE	: BOYD STAATS
WELL	: #1 TEST: 5	GEOLOGIST	: WOOLSEY
ELEVATION	: 1930 KB	FORMATION	: SIMPSON
SECTION	: 11	TOWNSHIP	: 30S
RANGE	: 14W COUNTY: BARBER	STATE	: KS
GAUGE SN#	: 1051 RANGE : 4250	CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	81.00	81.00
5.00	81.00	0.00
10.00	75.00	-6.00
15.00	73.00	-2.00
20.00	71.00	-2.00
25.00	68.00	-3.00
30.00	66.00	-2.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	66.00	66.00	0.00
6.00	66.00	0.00	0.00
9.00	66.00	0.00	0.00
12.00	66.00	0.00	0.00
15.00	66.00	0.00	0.00
18.00	66.00	0.00	0.00
21.00	66.00	0.00	0.00
24.00	66.00	0.00	0.00
27.00	66.00	0.00	0.00
30.00	66.00	0.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	66.00	66.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

Time (min)	Pressure	Delta P
5.00	66.00	0.00
10.00	66.00	0.00
15.00	66.00	0.00
20.00	66.00	0.00
25.00	66.00	0.00
30.00	66.00	0.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	66.00	66.00	0.00
6.00	66.00	0.00	0.00
9.00	66.00	0.00	0.00
12.00	66.00	0.00	0.00
15.00	66.00	0.00	0.00
18.00	66.00	0.00	0.00
21.00	66.00	0.00	0.00
24.00	66.00	0.00	0.00
27.00	66.00	0.00	0.00
30.00	66.00	0.00	0.00
33.00	66.00	0.00	0.00
36.00	66.00	0.00	0.00
39.00	66.00	0.00	0.00
42.00	66.00	0.00	0.00
45.00	66.00	0.00	0.00
48.00	66.00	0.00	0.00
51.00	66.00	0.00	0.00
54.00	66.00	0.00	0.00
57.00	66.00	0.00	0.00
60.00	66.00	0.00	0.00

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 20593

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1930 KB Formation Simpson Eff. Pay Ft.

District Pratt Date 5-28-29-94 Customer Order No.

COMPANY NAME Woolsey Petroleum Corp

ADDRESS 107 North Market Suite 600 Wichita, Kansas 67202-1807

LEASE AND WELL NO. B. Staats #1 COUNTY Barber STATE Kansas Sec. 11 Twp. 30 Rge. 14w

Mail Invoice To Same No. Copies Requested 8
Co. Name Address

Mail Charts To Same No. Copies Requested 8
Address

Formation Test No. 1 Interval Tested From 4662 ft. to 4694 ft. Total Depth 4694 ft.

Packer Depth 4657 ft. Size 6 5/8 in. Packer Depth — ft. Size 2 in.

Packer Depth 4662 ft. Size 6 5/8 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4667 ft. Recorder Number 1051 Cap. 4250

Bottom Recorder Depth (Outside) 4670 ft. Recorder Number 4332 Cap. 4200

Below Straddle Recorder Depth — ft. Recorder Number — Cap. —

Drilling Contractor Duke Rig #5 Drill Collar Length -0- I. D. — in.

Mud Type Chem Viscosity 41 Weight Pipe Length -0- I. D. — in.

Weight 8.8 Water Loss 11.6 cc. Drill Pipe Length 4640 I. D. 3.8 in.

Chlorides 13,200 P.P.M. Test Tool Length 32 ft. Tool Size 5 1/2 OD in.

Jars: Make NO Serial Number — Anchor Length 32 ft. Size 5 1/2 OD in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Strong blow on both the initial & final flows
no gas to surface

Recovered 1380 ft. of gas in pipe

Recovered 180 ft. of gas & oil cut mud 20% gas 20% oil - 60% mud

Recovered 120 ft. of gas & oil cut watery mud 30% gas - 20% oil 20% water 30% mud

Recovered 120 ft. of gas & oil cut water 40% gas - 20% oil 40% water

Recovered 860 ft. of Water 76,000 PPM

Chlorides P.P.M. Sample Jars used Remarks: Recorder clock 4332 stopped

Time On Location 11:00 A.M. / P.M. Time Pick Up Tool 12:15 A.M. / P.M. Time Off Location 8:00 A.M. / P.M.

Time Set Packer(s) 1:45 A.M. / P.M. Time Started Off Bottom 4:30 A.M. / P.M. Maximum Temperature 124 °F

Initial Hydrostatic Pressure		(A)	2348	P.S.I.	
Initial Flow Period	Minutes 30	(B)	193	P.S.I. to (C)	322 P.S.I.
Initial Closed In Period	Minutes 45	(D)	1281	P.S.I.	
Final Flow Period	Minutes 30	(E)	484	P.S.I. to (F)	644 P.S.I.
Final Closed In Period	Minutes 60	(G)	1281	P.S.I.	
Final Hydrostatic Pressure		(H)	2294	P.S.I.	

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.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Wayne Woolsey
Signature of Customer or his authorized representative

Western Representative Rod Pitt Thank you

FIELD INVOICE

Open Hole Test	$ ✓
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$ ✓
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$
Fluid Sampler	$
Extra Charts	$
Insurance	$
Telecopier	$ ✓
TOTAL	$ ✓

WESTERN TESTING CO., INC.
Pressure Data

Date 5-28-94 Test Ticket No. 20593

Recorder No. 1051 Capacity Location Ft.

Clock No. Elevation Well Temperature °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2292 P.S.I.	Open Tool	M	
B	First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C	First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins.
D	Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins.
E	Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins.
F	Second Final Flow Pressure	P.S.I.			
G	Final Closed-in Pressure	P.S.I.			
H	Final Hydrostatic Mud 2267	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: Inc.
of 5 mins. and a
final inc. of 0 Min.

Point	Mins.	Press.
P 1	0	105
P 2	5	105
P 3	10	223
P 4	15	247
P 5	20	289
P 6	25	327
P 7	30	355
P 8	35	
P 9	40	
P10	45	
P11	50	
P12	55	
P13	60	
P14	65	
P15	70	
P16	75	
P17	80	
P18	85	
P19	90	
P20	95	
	100	

Initial Shut-In
Breakdown: Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	355
3	865 1210
6	1016
9	1093
12	1146
15	1181
18	1207
21	1227
24	1241
27	1250
30	1262
33	1268
36	1274
39	1279
42	1282
45	1285
48	1288
51	
54	
57	
60	

Second Flow Pressure
Breakdown: Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	499
5	499
10	515
15	545
20	577
25	610
30	636
35	
40	
45	
50	
55	
60	
65	
70	
75	
80	
85	
90	
95	
100	

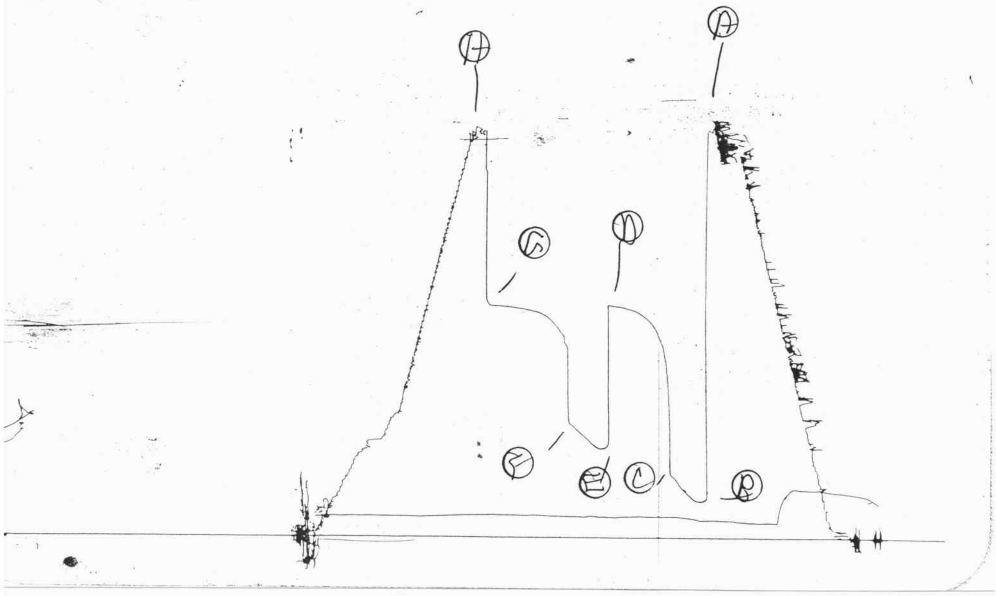
Final Shut-In
Breakdown: Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	636
3	1065
6	1148
9 1161	[illegible]
12	1187
15	1210
18	1228
21	1240
24	1249
27	1254
30	1260
33	1264
36	1268
39	1271
42	1274
45	1276
48	1278
51	1280
54	1281
57	1282
60	1283

1051 DST#6

KT 20592 8

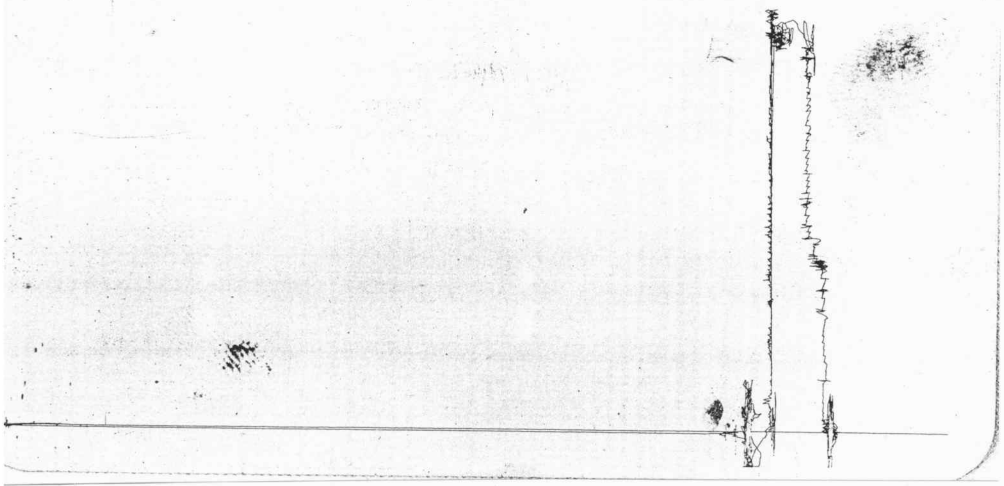
7



4332 DST#6

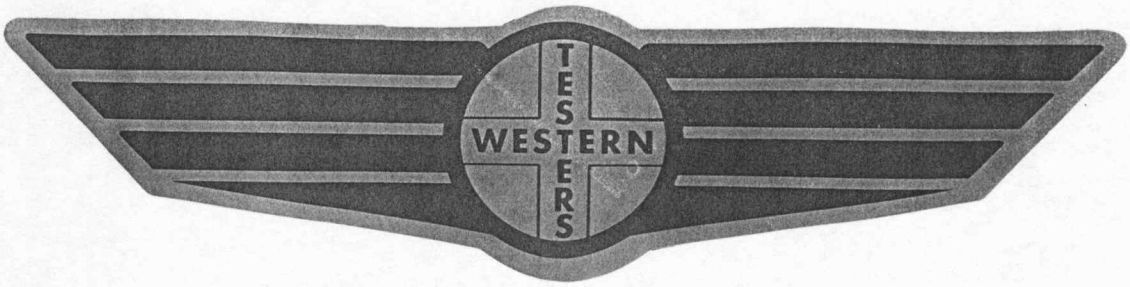
KT 20592 8

0



COMPANY WOOLSEY PETROLEUM CORP LEASE & WELL NO. #1 BOYD STAATS SEC. 11 TWP. 30S RGE. 14W TEST NO. 0 DATE 07/29/21

FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone 1-800-688-7021

DST REPORT

GENERAL INFORMATION

DATE	: 5/28/94	TICKET	: 20593
CUSTOMER	: WOOLSEY PETROLEUM CORP	LEASE	: BOYD STAATS
WELL	: #1 TEST: 6	GEOLOGIST	: WOOLSEY
ELEVATION	: 1930 KB	FORMATION	: SIMPSON
SECTION	: 11	TOWNSHIP	: 30S
RANGE	: 14W COUNTY: BARBER	STATE	: KS
GAUGE SN#	: 1051 RANGE : 4250	CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4662.00 ft TO: 4694.00 ft TVD: 4694.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4667.0 ft 4670.0 ft
TEMPERATURE: 124.0

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 :	4640.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	22.0 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:	4657.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4662.0 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.	: DUKE DRILLING RIG 5		
MUD TYPE	: CHEMICAL	VISCOSITY :	41.00 cp
WEIGHT	: 8.800 ppg	WATER LOSS:	11.600 cc
CHLORIDES	: 13200 ppm		
JARS-MAKE	:	SERIAL NUMBER:	
DID WELL FLOW?	: NO	REVERSED OUT?	: NO

COMMENTS

Comment

STRONG BLOW ON BOTH INITIAL AND FINAL FLOW PERIOD.
NO GAS TO SURFACE.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
0.0	0.0	0.0	0.0	0.0	1380 FT GAS ABOVE FLUID
180.0	20.0	20.0	0.0	60.0	GAS & OIL CUT MUD
120.0	20.0	30.0	20.0	30.0	GAS & OIL CUT WATERY MUD
120.0	20.0	40.0	40.0	0.0	GAS & OIL CUT WATER
860.0	0.0	0.0	100.0	0.0	WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 76000 PPM

RATE INFORMATION

OIL VOLUME: 1.1782 STB
GAS VOLUME: 9.4510 SCF
MUD VOLUME: 2.0198 STB
WATER VOLUME: 13.0726 STB
TOTAL FLUID : 16.2706 STB

TOTAL FLOW TIME: 60.0000 min.
AVERAGE OIL RATE: 70.6928 STB/D
AVERAGE WATER RATE: 319.8009 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2348.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	193.00	322.00
INITIAL SHUT-IN	45.00		1281.00
FINAL FLOW	30.00	484.00	644.00
FINAL SHUT-IN	60.00		1281.00

FINAL HYDROSTATIC PRESSURE: 2294.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2292.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	205.00	355.00
INITIAL SHUT-IN	48.00		1288.00
FINAL FLOW	30.00	499.00	636.00
FINAL SHUT-IN	60.00		1283.00

FINAL HYDROSTATIC PRESSURE: 2267.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 5/28/94
CUSTOMER : WOOLSEY PETROLEUM CORP
WELL : #1 TEST: 6
ELEVATION: 1930 KB
SECTION : 11
RANGE : 14W COUNTY: BARBER
GAUGE SN#: 1051 RANGE : 4250

TICKET : 20593
LEASE : BOYD STAATS
GEOLOGIST: WOOLSEY
FORMATION: SIMPSON
TOWNSHIP : 30S
STATE : KS
CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	205.00	205.00
5.00	205.00	0.00
10.00	213.00	8.00
15.00	247.00	34.00
20.00	289.00	42.00
25.00	337.00	48.00
30.00	355.00	18.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	863.00	863.00	11.00
6.00	1016.00	153.00	6.00
9.00	1093.00	77.00	4.33
12.00	1146.00	53.00	3.50
15.00	1181.00	35.00	3.00
18.00	1207.00	26.00	2.67
21.00	1227.00	20.00	2.43
24.00	1241.00	14.00	2.25
27.00	1252.00	11.00	2.11
30.00	1262.00	10.00	2.00
33.00	1268.00	6.00	1.91
36.00	1274.00	6.00	1.83
39.00	1279.00	5.00	1.77
42.00	1282.00	3.00	1.71
45.00	1285.00	3.00	1.67
48.00	1288.00	3.00	1.63

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	499.00	499.00
5.00	499.00	0.00
10.00	515.00	16.00
15.00	545.00	30.00
20.00	577.00	32.00
25.00	610.00	33.00
30.00	636.00	26.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	1065.00	1065.00	11.00
6.00	1128.00	63.00	6.00
9.00	1161.00	33.00	4.33
12.00	1187.00	26.00	3.50
15.00	1210.00	23.00	3.00
18.00	1228.00	18.00	2.67
21.00	1240.00	12.00	2.43
24.00	1249.00	9.00	2.25
27.00	1254.00	5.00	2.11
30.00	1260.00	6.00	2.00
33.00	1264.00	4.00	1.91
36.00	1268.00	4.00	1.83
39.00	1271.00	3.00	1.77
42.00	1274.00	3.00	1.71
45.00	1276.00	2.00	1.67
48.00	1278.00	2.00	1.63
51.00	1280.00	2.00	1.59
54.00	1281.00	1.00	1.56
57.00	1282.00	1.00	1.53
60.00	1283.00	1.00	1.50