

WELL NAME: Dale Acres #1
COMPANY: Bonneville Fuels Corp
LOCATION: 13-33S-18W
Comanche County Kansas
DATE: 07/20/96

TRILOBITE TESTING L.L.C.

OPERATOR : Bonneville Fuels Corp.
WELL NAME: Dale Acres #1
LOCATION : 13-33S-18W, Comanche KS
INTERVAL : 5125.00 To 5200.00 ft

DATE 7-17-96
KB 1913.00 ft TICKET NO: 9361 DST #1
GR 1903.00 ft FORMATION: MISS
TD 5200.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 10 Rec.	13788	13788	2351	10248		PF Fr. 0606 to 0616 hr
SI 45 Range(Psi)	4650.0	4650.0	4995.0	4400.0	0.0	IS Fr. 0616 to 0701 hr
SF 60 Clock(hrs)	12	12	ALPIN	12		SF Fr. 0701 to 0801 hr
FS 120 Depth(ft)	5197.0	5197.0	5134.0	5192.0	0.0	FS Fr. 0801 to 1001 hr

	Field	1	2	3	4	
A. Init Hydro	2377.0	2381.0	2381.0	2393.0	0.0	T STARTED 0226 hr
B. First Flow	583.0	580.0	582.0	562.0	0.0	T ON BOTM 0548 hr
B1. Final Flow	379.0	372.0	348.0	386.0	0.0	T OPEN 0606 hr
C. In Shut-in	1756.0	1730.0	1757.0	1747.0	0.0	T PULLED 1003 hr
D. Init Flow	696.0	638.0	711.0	579.0	0.0	T OUT 1405 hr
E. Final Flow	251.0	228.0	221.0	234.0	0.0	
F. Fl Shut-in	1634.0	1599.0	1622.0	1622.0	0.0	TOOL DATA-----
G. Final Hydro	2347.0	2344.0	2354.0	2349.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I	O		Wt Set On Packer 24000.00 lbs
						Wt Pulled Loose 98000.00 lbs
						Initial Str Wt 91000.00 lbs
						Unseated Str Wt 92000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 492.00 ft
						D.P. Length 4609.00 ft

RECOVERY

Tot Fluid 123.00 ft of 123.00 ft in DC and 0.00 ft in DP
123.00 ft of Water cut mud w/ oil specks -
12% water, 88% mud

26.00 ft of Pay (est)

SALINITY 5200.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
Strong blow, Gas to surface in 40 sec

Final Flow -
Strong blow

SAMPLES: GAS SAMPLE X 2
SENT TO: CARAWAY/LIBERAL

Test Successful: Y

MUD DATA-----

Mud Type	CHEMICAL
Weight	9.10 lb/c
Vis.	45.40 S/L
W.L.	8.00 in ³
F.C.	0.20 in
Mud Drop N	

Amt. of fill	2.00 ft
Btm. H. Temp.	125.00 F
Hole Condition	GOOD
% Porosity	14.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	NONE
Reversed Out N	
Tool Chased N	
Tester	GARY PEVOTEAUX
Co. Rep.	FREDDIE COWAN
Contr.	BRANDT DRLG.
Rig #	2
Unit #	
Pump T.	

GAS RECOVERY

COMPANY: Bonneville Fuels Corp.

DATE: 7-17-96

WELL NAME: Dale Acres #1

KB Elev: 1913.00 ft TICKET #9361

DST #1

WELL LOCATION: 13-33S-18W, Comanche KS

GR Elev: 1903.00 ft FORMATION: MISS

INTERVAL Fr.: 5125.00 To 5200.00 T.D.: 5200.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH MERLA

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.75	75	0	1046000.0
10	0.75	60	0	867000.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.75	130	0	2098000.0
10	0.75	108	0	1779000.0
15	0.75	98	0	1313000.0
20	0.75	83	0	1139000.0
25	0.75	78	0	1081000.0
30	0.75	76	0	1057000.0
35	0.75	72	0	1011000.0
40	0.75	70	0	988000.0
45	0.75	67	0	953000.0
50	0.75	65	0	930000.0
55	0.75	64	0	918000.0
60	0.75	64	0	918000.0

NATURAL GAS ANALYSIS REPORT

Sampled by:
Trilobite Testing, L.L.C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:
Caraway Analytical, L.L.C.
P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number:	960384	Analyzed:	07/22/96
Sample From:	Dale Acres #1 DST 1	Pressure:	
Producer:	Bonneville Fuels Corp	Temperature:	
Date:		Location:	13-33-18
Time:		County:	Comanche
Sampler:		State:	Kansas
Source:		Formation:	Miss.

	Mole %	GPM
Helium	He: 0.170	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 3.216	0.000
Carbon Dioxide	CO2: 0.209	0.000
Methane	C1: 89.902	0.000
Ethane	C2: 4.052	1.084
Propane	C3: 1.408	0.388
Iso Butane	iC4: 0.174	0.057
Normal Butane	nC4: 0.357	0.113
Iso Pentane	iC5: 0.098	0.036
Normal Pentane	nC5: 0.107	0.039
Hexanes Plus	C6+: 0.307	0.134

TOTAL: 100.000 1.850
Z Fact: 0.9977
SP.GR.: 0.6231
BTU (SAT): 1042.8 @ 14.73 psia
BTU (DRY): 1061.2 @ 14.73 psia
OCTANE RATING: 123.1

COMMENTS:

0.000

TEST HISTORY

9361 DST#1 DALE ACRES#1 BONNEVILLE FUELS CORP.

Flag Points

t (Min.) P (PSig)

A: 0.00 2380.86
 B: 0.00 581.95
 C: 8.00 348.38
 D: 45.00 1756.85
 E: 0.00 710.78
 F: 58.00 221.06
 G: 123.00 1621.64
 Q: 0.00 2353.75

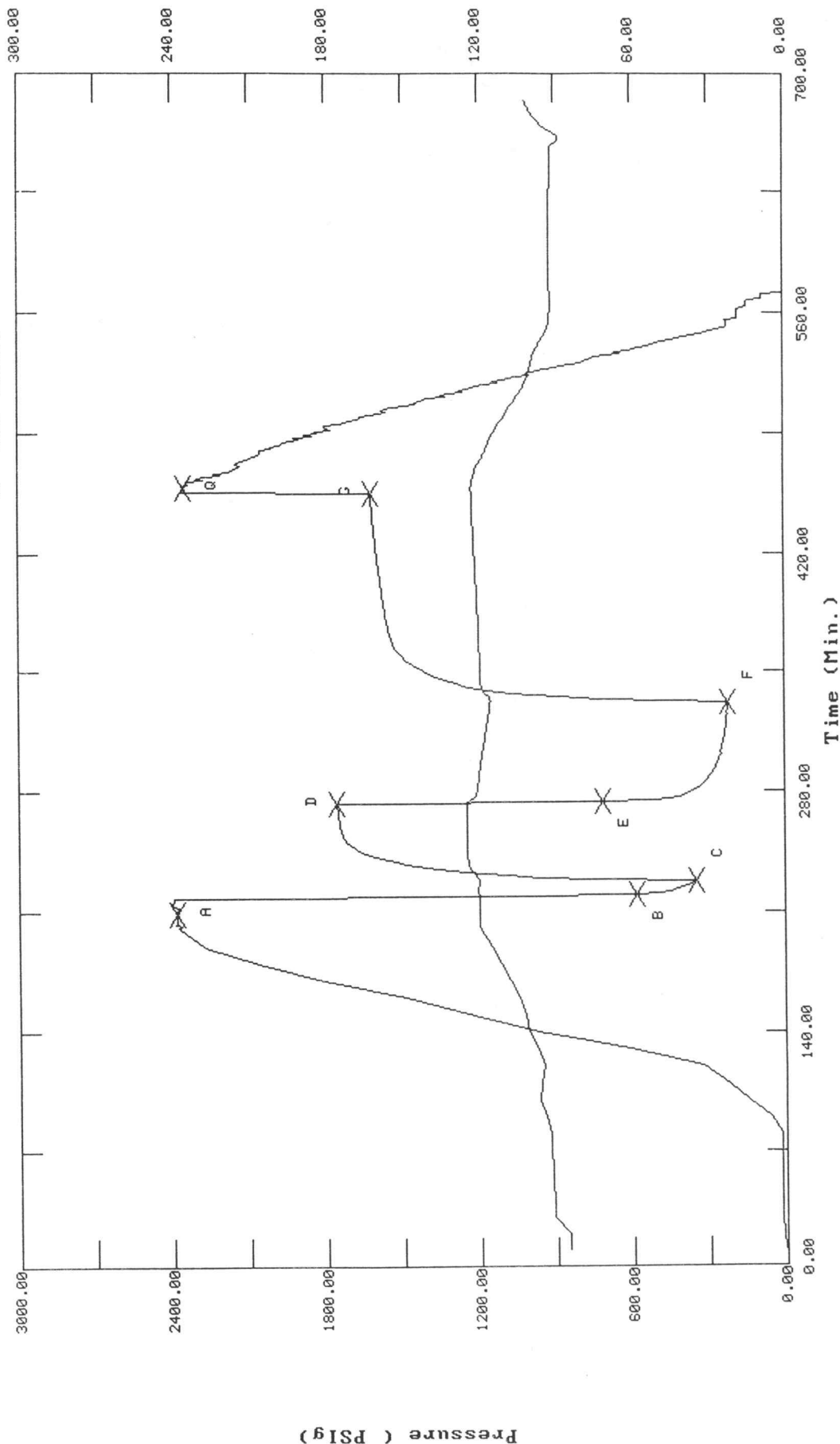
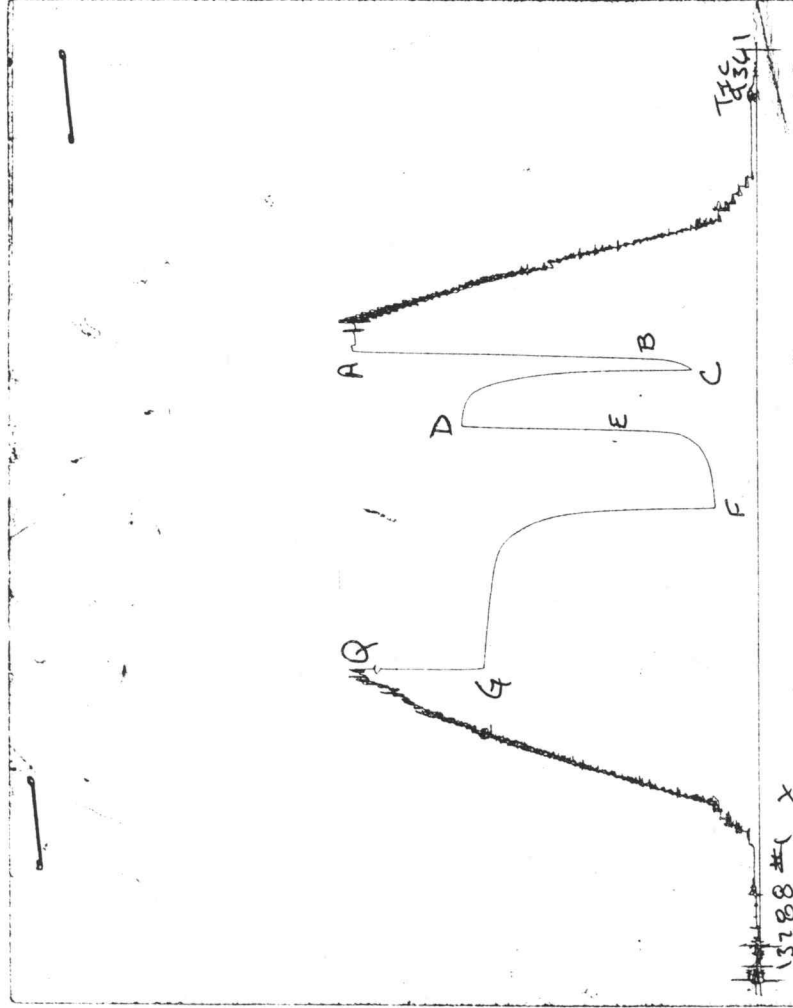


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

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ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9361 DST#1 DALE ACRES#1 BONNEVILLE FUELS CORP.

DATE: 07/17/96

TIME: 02:26:18

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	209.00	2380.9	0.0	120.04		
***** Start Flow 1	0.00	581.9	0.0	119.93		
	1.00	494.9	-87.0	120.32		
	2.00	450.0	-131.9	120.51		
	3.00	418.8	-163.2	120.43		
	4.00	401.9	-180.0	120.26		
	5.00	381.5	-200.4	120.10		
	6.00	372.7	-209.2	119.99		
	7.00	355.3	-226.7	119.93		
***** End Flow 1	8.00	348.4	-233.6	119.90		
***** Start Shutin 1	0.00	348.4	0.0	119.90	0.0000	0.121
	1.00	744.5	396.1	119.89	9.0000	0.554
	2.00	961.7	613.3	120.23	5.0000	0.925
	3.00	1087.6	739.2	120.93	3.6667	1.183
	4.00	1178.7	830.3	121.69	3.0000	1.389
	5.00	1250.3	902.0	122.36	2.6000	1.563
	6.00	1308.4	960.1	122.91	2.3333	1.712
	7.00	1359.0	1010.7	123.32	2.1429	1.847
	8.00	1405.4	1057.0	123.64	2.0000	1.975
	9.00	1447.9	1099.5	123.88	1.8889	2.096
	10.00	1487.0	1138.6	124.06	1.8000	2.211
	11.00	1522.0	1173.6	124.21	1.7273	2.317
	12.00	1553.4	1205.0	124.34	1.6667	2.413
	13.00	1581.4	1233.1	124.44	1.6154	2.501
	14.00	1605.9	1257.5	124.53	1.5714	2.579
	15.00	1627.2	1278.8	124.60	1.5333	2.648
	16.00	1645.8	1297.4	124.66	1.5000	2.709
	17.00	1662.1	1313.7	124.71	1.4706	2.763
	18.00	1675.9	1327.6	124.78	1.4444	2.809
	19.00	1687.9	1339.5	124.77	1.4211	2.849
	20.00	1698.0	1349.6	124.79	1.4000	2.883
	21.00	1706.5	1358.1	124.80	1.3810	2.912
	22.00	1713.6	1365.3	124.82	1.3636	2.937
	23.00	1719.8	1371.4	124.83	1.3478	2.958
	24.00	1724.7	1376.3	124.83	1.3333	2.975
	25.00	1728.9	1380.5	124.84	1.3200	2.989
	26.00	1732.5	1384.1	124.84	1.3077	3.002
	27.00	1735.5	1387.1	124.83	1.2963	3.012
	28.00	1738.0	1389.6	124.82	1.2857	3.021
	29.00	1740.2	1391.8	124.80	1.2759	3.028
	30.00	1742.1	1393.7	124.81	1.2667	3.035
	31.00	1743.8	1395.4	124.80	1.2581	3.041
	32.00	1745.1	1396.7	124.80	1.2500	3.045
	33.00	1746.5	1398.2	124.79	1.2424	3.050
	34.00	1747.7	1399.3	124.78	1.2353	3.054
	35.00	1748.7	1400.3	124.79	1.2286	3.058
	36.00	1749.8	1401.4	124.78	1.2222	3.062
	37.00	1750.8	1402.4	124.78	1.2162	3.065
	38.00	1751.6	1403.3	124.77	1.2105	3.068
	39.00	1752.6	1404.2	124.78	1.2051	3.072
	40.00	1753.2	1404.9	124.76	1.2000	3.074

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9361 DST#1 DALE ACRES#1 BONNEVILLE FUELS CORP.

DATE: 07/17/96

TIME: 02:26:18

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	41.00	1754.1	1405.7	124.78	1.1951	3.077
	42.00	1754.8	1406.5	124.77	1.1905	3.079
	43.00	1755.5	1407.1	124.78	1.1860	3.082
	44.00	1756.2	1407.8	124.78	1.1818	3.084
***** End Shut-in 1	45.00	1756.9	1408.5	124.78	1.1778	3.087
***** Start Flow 2	0.00	710.8	0.0	124.58		
	1.00	520.1	-190.7	123.69		
	2.00	447.1	-263.7	122.68		
	3.00	415.3	-295.5	121.90		
	4.00	393.5	-317.2	121.37		
	5.00	378.8	-331.9	121.03		
	6.00	364.7	-346.0	120.81		
	7.00	354.0	-356.8	120.65		
	8.00	342.1	-368.7	120.54		
	9.00	327.9	-382.9	120.45		
	10.00	320.1	-390.7	120.36		
	11.00	315.1	-395.6	120.29		
	12.00	308.2	-402.6	120.21		
	13.00	298.7	-412.1	120.12		
	14.00	295.7	-415.1	120.04		
	15.00	291.6	-419.2	119.95		
	16.00	283.6	-427.2	119.86		
	17.00	278.4	-432.4	119.77		
	18.00	277.3	-433.5	119.69		
	19.00	273.3	-437.5	119.58		
	20.00	266.7	-444.1	119.49		
	21.00	266.7	-444.1	119.39		
	22.00	261.9	-448.8	119.28		
	23.00	259.6	-451.2	119.18		
	24.00	258.8	-452.0	119.07		
	25.00	253.7	-457.1	118.97		
	26.00	253.4	-457.4	118.86		
	27.00	250.7	-460.1	118.74		
	28.00	246.7	-464.1	118.63		
	29.00	247.4	-463.4	118.51		
	30.00	244.0	-466.8	118.40		
	31.00	246.2	-464.5	118.28		
	32.00	241.4	-469.4	118.16		
	33.00	242.3	-468.5	118.04		
	34.00	239.4	-471.4	117.92		
	35.00	236.4	-474.4	117.80		
	36.00	237.8	-472.9	117.68		
	37.00	234.1	-476.7	117.57		
	38.00	233.6	-477.2	117.46		
	39.00	234.7	-476.0	117.34		
	40.00	231.9	-478.9	117.24		
	41.00	230.0	-480.8	117.13		
	42.00	232.1	-478.6	117.01		
	43.00	227.9	-482.8	116.91		
	44.00	225.2	-485.6	116.80		
	45.00	227.4	-483.4	116.69		

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	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	46.00	227.9	-482.9	116.58		
	47.00	225.9	-484.9	116.48		
	48.00	224.6	-486.2	116.38		
	49.00	224.0	-486.8	116.28		
	50.00	225.2	-485.6	116.18		
	51.00	222.3	-488.5	116.09		
	52.00	223.3	-487.5	116.00		
	53.00	221.1	-489.7	115.90		
	54.00	219.2	-491.6	115.81		
	55.00	220.1	-490.6	115.72		
	56.00	218.9	-491.9	115.63		
	57.00	219.2	-491.6	115.53		
***** End Flow 2	58.00	221.1	-489.7	115.44		
***** Start Shutin 2	0.00	221.1	0.0	115.44	0.0000	0.049
	1.00	459.7	238.6	115.36	67.0000	0.211
	2.00	727.3	506.3	115.49	34.0000	0.529
	3.00	882.4	661.4	115.98	23.0000	0.779
	4.00	989.8	768.7	116.65	17.5000	0.980
	5.00	1066.0	845.0	117.32	14.2000	1.136
	6.00	1121.3	900.2	117.87	12.0000	1.257
	7.00	1170.6	949.6	118.29	10.4286	1.370
	8.00	1204.6	983.6	118.60	9.2500	1.451
	9.00	1240.5	1019.5	118.83	8.3333	1.539
	10.00	1263.8	1042.7	118.99	7.6000	1.597
	11.00	1290.3	1069.2	119.05	7.0000	1.665
	12.00	1311.9	1090.8	119.16	6.5000	1.721
	13.00	1332.1	1111.0	119.22	6.0769	1.774
	14.00	1350.1	1129.1	119.26	5.7143	1.823
	15.00	1367.5	1146.5	119.30	5.4000	1.870
	16.00	1383.6	1162.6	119.32	5.1250	1.914
	17.00	1398.6	1177.5	119.34	4.8824	1.956
	18.00	1412.7	1191.6	119.37	4.6667	1.996
	19.00	1425.9	1204.9	119.38	4.4737	2.033
	20.00	1438.3	1217.2	119.41	4.3000	2.069
	21.00	1449.8	1228.8	119.42	4.1429	2.102
	22.00	1460.5	1239.4	119.43	4.0000	2.133
	23.00	1470.3	1249.3	119.46	3.8696	2.162
	24.00	1479.3	1258.2	119.49	3.7500	2.188
	25.00	1487.4	1266.4	119.51	3.6400	2.212
	26.00	1494.8	1273.8	119.54	3.5385	2.235
	27.00	1501.6	1280.6	119.56	3.4444	2.255
	28.00	1507.7	1286.6	119.58	3.3571	2.273
	29.00	1513.3	1292.2	119.60	3.2759	2.290
	30.00	1518.2	1297.1	119.63	3.2000	2.305
	31.00	1522.6	1301.6	119.65	3.1290	2.318
	32.00	1526.6	1305.6	119.68	3.0625	2.331
	33.00	1530.3	1309.3	119.70	3.0000	2.342
	34.00	1533.5	1312.5	119.73	2.9412	2.352
	35.00	1536.6	1315.6	119.75	2.8857	2.361
	36.00	1539.3	1318.3	119.78	2.8333	2.369
	37.00	1541.8	1320.8	119.80	2.7838	2.377

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TIME: 02:26:18

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
38.00	1544.1	1323.0	119.82	2.7368	2.384
39.00	1546.3	1325.2	119.84	2.6923	2.391
40.00	1548.2	1327.2	119.87	2.6500	2.397
41.00	1550.1	1329.0	119.89	2.6098	2.403
42.00	1551.7	1330.7	119.91	2.5714	2.408
43.00	1553.5	1332.4	119.95	2.5349	2.413
44.00	1555.0	1333.9	119.98	2.5000	2.418
45.00	1556.5	1335.5	120.01	2.4667	2.423
46.00	1557.9	1336.8	120.03	2.4348	2.427
47.00	1559.1	1338.1	120.06	2.4043	2.431
48.00	1560.5	1339.4	120.10	2.3750	2.435
49.00	1561.8	1340.7	120.13	2.3469	2.439
50.00	1563.0	1341.9	120.16	2.3200	2.443
51.00	1564.2	1343.1	120.19	2.2941	2.447
52.00	1565.4	1344.4	120.22	2.2692	2.451
53.00	1566.5	1345.4	120.25	2.2453	2.454
54.00	1567.6	1346.5	120.31	2.2222	2.457
55.00	1568.7	1347.6	120.32	2.2000	2.461
56.00	1569.7	1348.6	120.36	2.1786	2.464
57.00	1570.9	1349.8	120.39	2.1579	2.468
58.00	1571.9	1350.8	120.42	2.1379	2.471
59.00	1572.9	1351.8	120.46	2.1186	2.474
60.00	1573.9	1352.8	120.49	2.1000	2.477
61.00	1574.9	1353.8	120.52	2.0820	2.480
62.00	1575.9	1354.8	120.56	2.0645	2.483
63.00	1576.8	1355.8	120.60	2.0476	2.486
64.00	1577.8	1356.8	120.63	2.0312	2.490
65.00	1578.8	1357.7	120.65	2.0154	2.492
66.00	1579.7	1358.6	120.70	2.0000	2.495
67.00	1580.6	1359.5	120.73	1.9851	2.498
68.00	1581.4	1360.4	120.77	1.9706	2.501
69.00	1582.4	1361.3	120.81	1.9565	2.504
70.00	1583.2	1362.1	120.84	1.9429	2.507
71.00	1584.1	1363.1	120.88	1.9296	2.509
72.00	1585.0	1363.9	120.91	1.9167	2.512
73.00	1585.8	1364.8	120.96	1.9041	2.515
74.00	1586.6	1365.6	120.99	1.8919	2.517
75.00	1587.5	1366.4	121.02	1.8800	2.520
76.00	1588.4	1367.4	121.06	1.8684	2.523
77.00	1589.2	1368.2	121.09	1.8571	2.526
78.00	1590.1	1369.0	121.13	1.8462	2.528
79.00	1590.9	1369.9	121.17	1.8354	2.531
80.00	1591.7	1370.6	121.20	1.8250	2.533
81.00	1592.5	1371.5	121.23	1.8148	2.536
82.00	1593.3	1372.2	121.27	1.8049	2.539
83.00	1594.1	1373.1	121.30	1.7952	2.541
84.00	1595.0	1373.9	121.33	1.7857	2.544
85.00	1595.7	1374.7	121.37	1.7765	2.546
86.00	1596.5	1375.4	121.40	1.7674	2.549
87.00	1597.3	1376.2	121.45	1.7586	2.551
88.00	1598.1	1377.0	121.47	1.7500	2.554

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9361 DST#1 DALE ACRES#1 BONNEVILLE FUELS CORP.

DATE: 07/17/96

TIME: 02:26:18

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	89.00	1598.8	1377.8	121.51	1.7416	2.556
	90.00	1599.6	1378.5	121.54	1.7333	2.559
	91.00	1600.2	1379.2	121.57	1.7253	2.561
	92.00	1601.0	1379.9	121.60	1.7174	2.563
	93.00	1601.8	1380.8	121.63	1.7097	2.566
	94.00	1602.4	1381.4	121.66	1.7021	2.568
	95.00	1603.2	1382.1	121.70	1.6947	2.570
	96.00	1603.9	1382.9	121.72	1.6875	2.573
	97.00	1604.6	1383.6	121.76	1.6804	2.575
	98.00	1605.3	1384.2	121.79	1.6735	2.577
	99.00	1606.0	1385.0	121.81	1.6667	2.579
	100.00	1606.7	1385.6	121.85	1.6600	2.582
	101.00	1607.5	1386.4	121.88	1.6535	2.584
	102.00	1608.0	1387.0	121.92	1.6471	2.586
	103.00	1608.7	1387.7	121.95	1.6408	2.588
	104.00	1609.5	1388.4	121.98	1.6346	2.590
	105.00	1610.1	1389.1	122.03	1.6286	2.593
	106.00	1610.8	1389.8	122.03	1.6226	2.595
	107.00	1611.5	1390.4	122.06	1.6168	2.597
	108.00	1612.2	1391.1	122.10	1.6111	2.599
	109.00	1612.8	1391.8	122.14	1.6055	2.601
	110.00	1613.5	1392.4	122.16	1.6000	2.603
	111.00	1614.2	1393.1	122.19	1.5946	2.606
	112.00	1614.8	1393.7	122.21	1.5893	2.607
	113.00	1615.4	1394.3	122.24	1.5841	2.609
	114.00	1616.0	1395.0	122.26	1.5789	2.612
	115.00	1616.7	1395.6	122.31	1.5739	2.614
	116.00	1617.4	1396.3	122.33	1.5690	2.616
	117.00	1618.0	1396.9	122.35	1.5641	2.618
	118.00	1618.6	1397.6	122.38	1.5593	2.620
	119.00	1619.3	1398.2	122.41	1.5546	2.622
	120.00	1619.8	1398.7	122.43	1.5500	2.624
	121.00	1620.5	1399.4	122.47	1.5455	2.626
	122.00	1621.0	1399.9	122.50	1.5410	2.628
***** End Shut-in 2	123.00	1621.6	1400.6	122.51	1.5366	2.630
***** Final Hydro.	459.00	2353.7	0.0	122.67		

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Dale Acres #1

LOCATION : 13-33S-18W, Comanche KS

TICKET No. 9361 D.S.T. No. 1 DATE 7-17-96

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 17

TOTAL TOOL 47

DRILL COLLAR ANCHOR IN INTERVAL 75

D.C. ANCHOR STND.Stands Single 2 Total 58

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 105

D.C. ABOVE TOOLS.Stands 5 Single 2 Total 492

D.P. ABOVE TOOLS.Stands 49 Single 1 Total 4609

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5206

TOTAL DEPTH 5200

TOTAL DRILL PIPE ABOVE K.B. 6

REMARKS:

FLUID SAMPLER DATA

SAMPLER RECOVERY -

Gas 23.5 cu ft, Pressure 1510 PSI,
Total 4000 ml

PIT MUD ANALYSIS -

Chlorides 3500 ppm, Resist 1.99 ohms @ 80 F
Vis 54, Mud Wt 9.1, Filtrate 8, LCM 1#/bbl

PIPE RECOVERY -

Bottom -

Resist 1.16 ohms @ 85 F, Chlorides 5200 ppm

P.O. SUB	
C.O. SUB @TOP OF TOOL	5095
S.I. TOOL	5101
SAMPLER	5104
HMV	5109
JARS	5114
SAFETY JOINT	5116
PACKER	5120
PACKER	5125
DEPTH 5125	4618
STUBB 1 FT.	5126
ANCHOR	
PERFS TO	5130
ALPINE RECORDER	5134
2 JTS.DRILL COLLAR	5188
T.C.	
DEPTH	
AK-1 RECORDER	5192
7 FT.PERFS TO	5195
AK-1 RECORDER	5197
BULLNOSE 5 FT.PERFORATED	
T.D.	5200

TRILOBITE TESTING COMPANY

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 9361 Date 7-17-96
Company Name Bonneville Fuels Corp.
Lease DALE ACRES #1 Test No. 1
County COMANCHE KS. Sec. 13 Twp. 33^s Rng. 18^w

SAMPLER RECOVERY

Gas 23.5 Cubic Ft. ML
Oil ~ ML
Mud ~ ML
Water ~ ML
Other ~ ML
Pressure 1510 PSI
Total 0 ML

PIT MUD ANALYSIS

Chlorides 3,500 ppm.
Resistivity 1.99 ohms @ 80 F
Viscosity 54
Mud Weight 9.1
Filtrate 80 cc.
Other LCM. 1#/BL.

SAMPLER ANALYSIS

Resistivity ~~2.0~~ ohms @ ~~85~~ F
Chlorides ~~5,200~~ ppm.
Gravity N/A. corrected @ 60 F

PIPE RECOVERY

TOP GAS IN PIPE
Resistivity ~ ohms @ ~ F
Chlorides ~ ppm.
MIDDLE ~
Resistivity ~ ohms @ ~ F
Chlorides ~ ppm.
BOTTOM 123' of S.W.C.M. @ oil spec.
Resistivity 1.16 ohms @ 85 F
Chlorides 5,200 ppm.

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 9361

Well Name & No.	<u>DALE ACRES #1</u>		Test No.	<u>1</u>	Date	<u>7-17-96</u>
Company	<u>BONNEVILLE FUELS CORP.</u>		Zone Tested	<u>MISS.</u>		
Address	<u>1660 LINCOLN, SUITE 1800 / DENVER CO. 80164</u>		Elevation	<u>1913</u>	KB	<u>1903</u> GL
Co. Rep / Geo.	<u>FREDDIE COWAN</u>	Cont.	<u>BRADST DRUG. #2</u>	Est. Ft. of Pay	<u>26</u>	Por. <u>14</u> %
Location: Sec.	<u>13</u>	Twp.	<u>33S</u>	Rge.	<u>18W</u>	Co. <u>COMANCHE</u> State <u>KS.</u>
No. of Copies	<u>17</u>	Distribution Sheet (Y, N)	<u>Y</u>	Turnkey (Y, N)	<u>—</u>	Evaluation (Y, N) <u>—</u>

Interval Tested	<u>5125 - 5200</u>	Initial Str Wt./Lbs.	<u>9,000</u>	Unseated Str Wt./Lbs.	<u>92,000</u>
Anchor Length	<u>75'</u>	Wt. Set Lbs.	<u>24,000</u>	Wt. Pulled Loose/Lbs.	<u>98,000</u>
Top Packer Depth	<u>5120'</u>	Hole Size — 7 7/8"	<u>✓</u>	Rubber Size — 6 3/4"	<u>✓</u>
Bottom Packer Depth	<u>5125'</u>	Wt. Pipe I.D. — 2.7 Ft. Run	<u>NONE</u>		
Total Depth	<u>5200</u>	Drill Collar — 2.25 Ft. Run	<u>492'</u>		
Mud Wt. <u>9.1</u> LCM <u>1#</u> Vis. <u>SY</u> WL <u>8.0cc.</u>	Drill Pipe Size		<u>4 1/2" X H.</u>	Ft. Run	<u>4609</u>
Blow Description <u>IF: Strong blow. G.T.S. in 40 sec. (see gas volume report)</u>					
<u>FF: Strong blow. (see gas volume report)</u>					

Recovery — Total Feet	<u>123 Fluid</u>	Ft. in DC	<u>123</u>	Ft. in WP	<u>—</u>	Ft. in DP	<u>—</u>
Rec.	<u>123</u>	Feet Of	<u>5. w.c.m. @ oil spec.</u>	%gas	%oil	<u>12</u>	%water <u>88</u> %mud
Rec.		Feet Of		%gas	%oil		%water %mud
Rec.		Feet Of		%gas	%oil		%water %mud
Rec.		Feet Of		%gas	%oil		%water %mud
Rec.		Feet Of		%gas	%oil		%water %mud
BHT	<u>125</u>	°F Gravity	<u>N/A</u>	°API D@	<u>—</u>	°F Corrected Gravity	<u>N/A</u> °API
RW	<u>1.16</u>	@	<u>85</u>	°F Chlorides	<u>5200</u>	ppm Recovery	Chlorides <u>3,500</u> ppm System
(A) Initial Hydrostatic Mud	<u>2377</u>	AK-1	<u>2381</u>	PSI	Recorder No.	<u>2351</u>	T-Started <u>0226</u>
(B) First Initial Flow Pressure	<u>583</u>	<u>562</u>	<u>582</u>	PSI	@ (depth)	<u>5134'</u>	T-Open <u>0606</u>
(C) First Final Flow Pressure	<u>379</u>	<u>386</u>	<u>348</u>	PSI	Recorder No.	<u>10248</u>	T-Pulled <u>1003</u>
(D) Initial Shut-in Pressure	<u>1756</u>	<u>1747</u>	<u>1757</u>	PSI	@ (depth)	<u>5192'</u>	T-Out <u>1405</u>
(E) Second Initial Flow Pressure	<u>696</u>	<u>579</u>	<u>711</u>	PSI	Recorder No.	<u>13788</u>	
(F) Second Final Flow Pressure	<u>251</u>	<u>234</u>	<u>221</u>	PSI	@ (depth)	<u>5197'</u>	
(G) Final Shut-in Pressure	<u>1634</u>	<u>1622</u>	<u>1622</u>	PSI	Initial Opening	<u>10</u>	Test <u>✓</u> <u>700°</u>
(H) Final Hydrostatic Mud	<u>2347</u>	<u>2349</u>	<u>2354</u>	PSI	Initial Shut-in	<u>45</u>	Jars <u>✓</u> <u>200°</u>

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF 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, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow	<u>60</u>	Safety Joint	<u>✓</u>	<u>50°</u>
Final Shut-in	<u>120</u>	Straddle		
	<u>4</u>	Circ. Sub		
		Sampler	<u>✓</u>	<u>200°</u>
		Extra Packer		
		Elect. Rec.	<u>✓</u>	
		Other	<u>✓</u>	<u>75°</u>
		TOTAL PRICE \$	<u>✓</u>	<u>1225°</u>

Approved By Freddie Cowan
 Our Representative Cory Potloup

320 RECORD



GAS VOLUME REPORT

DALE ACRES

DST NO.

FINAL OPEN

Remarks:

TRILOBITE TESTING L.L.C.

OPERATOR : Bonneville Fuels Corp.
WELL NAME: Dale Acres #1
LOCATION : 13-33S-18W, Comanche KS
INTERVAL : 5738.00 To 5810.00 ft

DATE 7-20-96
KB 1913.00 ft
GR 1903.00 ft
TD 5810.00 ft
TICKET NO: 9362
FORMATION: VIOLA
TEST TYPE: CONVENTIONAL
DST #2

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 15	Rec.	13788	13788	2351	10248		PF Fr. 0631 to 0646 hr
SI 60	Range(Psi)	4650.0	4650.0	4995.0	4400.0	0.0	IS Fr. 0646 to 0746 hr
SF 30	Clock(hrs)	12	12	ALPIN	12		SF Fr. 0746 to 0816 hr
FS 60	Depth(ft)	5807.0	5807.0	5750.0	5741.0	0.0	FS Fr. 0816 to 0916 hr

	Field	1	2	3	4	
A. Init Hydro	2701.0	2701.0	2701.0	2647.0	0.0	T STARTED 0249 hr
B. First Flow	58.0	65.0	28.0	21.0	0.0	T ON BOTM 0610 hr
Bl. Final Flow	60.0	65.0	34.0	23.0	0.0	T OPEN 0630 hr
C. In Shut-in	503.0	500.0	490.0	482.0	0.0	T PULLED 0918 hr
D. Init Flow	70.0	74.0	36.0	34.0	0.0	T OUT 1350 hr
E. Final Flow	72.0	77.0	40.0	34.0	0.0	
F. Fl Shut-in	156.0	163.0	139.0	141.0	0.0	TOOL DATA-----
G. Final Hydro	2660.0	2652.0	2640.0	2603.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I	O		Wt Set On Packer 24000.00 lbs
						Wt Pulled Loose 108000.00 lbs
						Initial Str Wt 96000.00 lbs
						Unseated Str Wt 97000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 492.00 ft
						D.P. Length 5234.00 ft

RECOVERY

Tot Fluid 25.00 ft of 25.00 ft in DC and 0.00 ft in DP
25.00 ft of Mud with oil specks
Good oil scum at top of tool

10.00 ft of Pay (est)

SALINITY 3800.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
Very weak blow, .25" or less

Final Flow -
No blow

SAMPLES: NONE
SENT TO:

Test Successful: Y

MUD DATA-----

Mud Type	Chemical
Weight	8.90 lb/cf
Vis.	50.00 S/L
W.L.	9.60 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	132.00 F
Hole Condition	GOOD
% Porosity	9.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	NONE
Reversed Out N	
Tool Chased N	
Tester	GARY PEVOTEAUX
Co. Rep.	FREDDIE COWAN
Contr.	BRANDT DRLG.
Rig #	2
Unit #	
Pump T.	

TEST HISTORY

9362 DST#2 DALE ACRES#1 BONNEVILLE FUELS CORP.

Flag Points

t(Min.) P(PSig)

A:	0.00	2701.12
B:	0.00	27.69
C:	15.00	34.32
D:	58.00	490.13
E:	0.00	36.00
F:	30.00	40.11
G:	61.00	139.48
Q:	0.00	2639.52

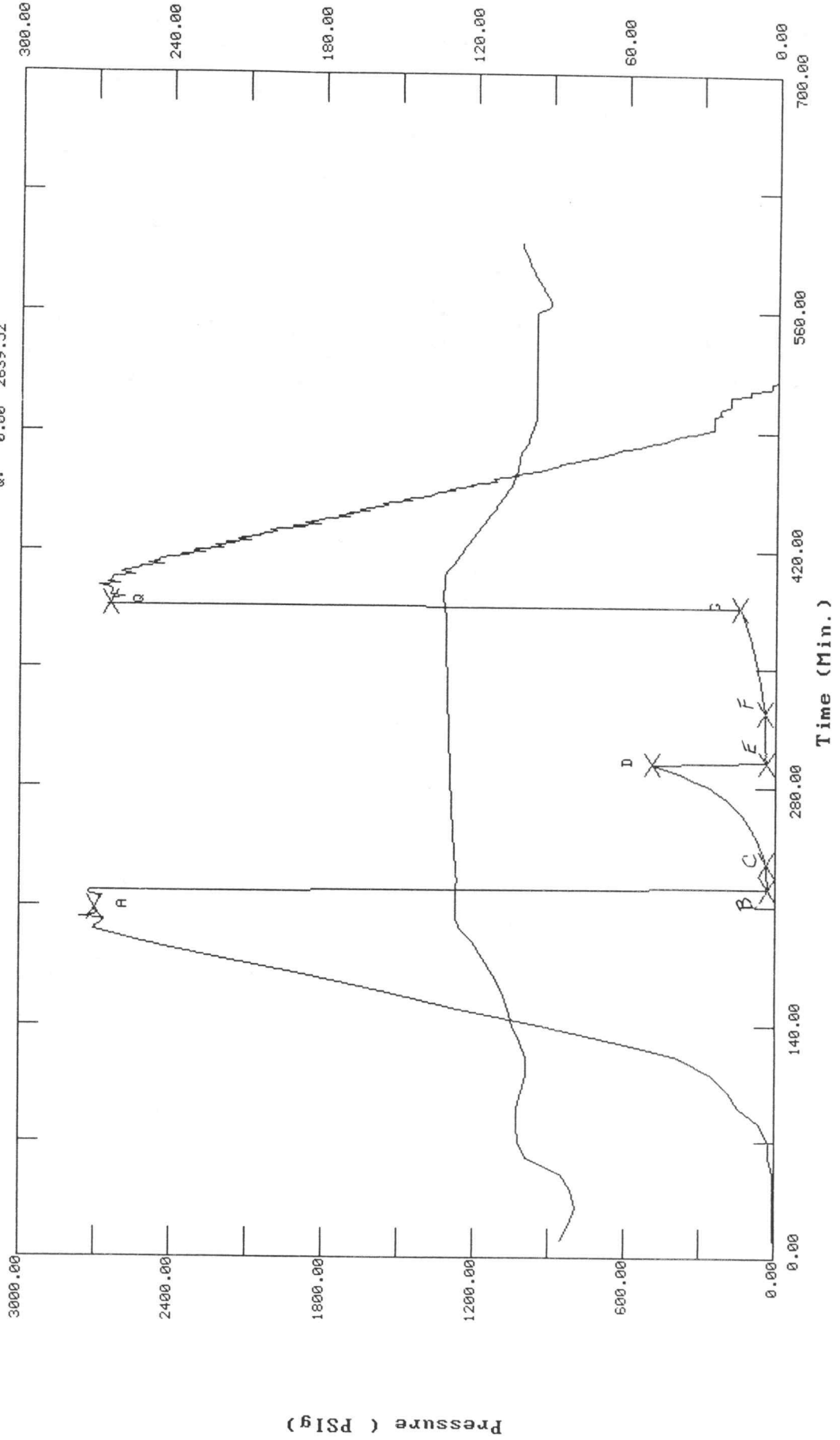
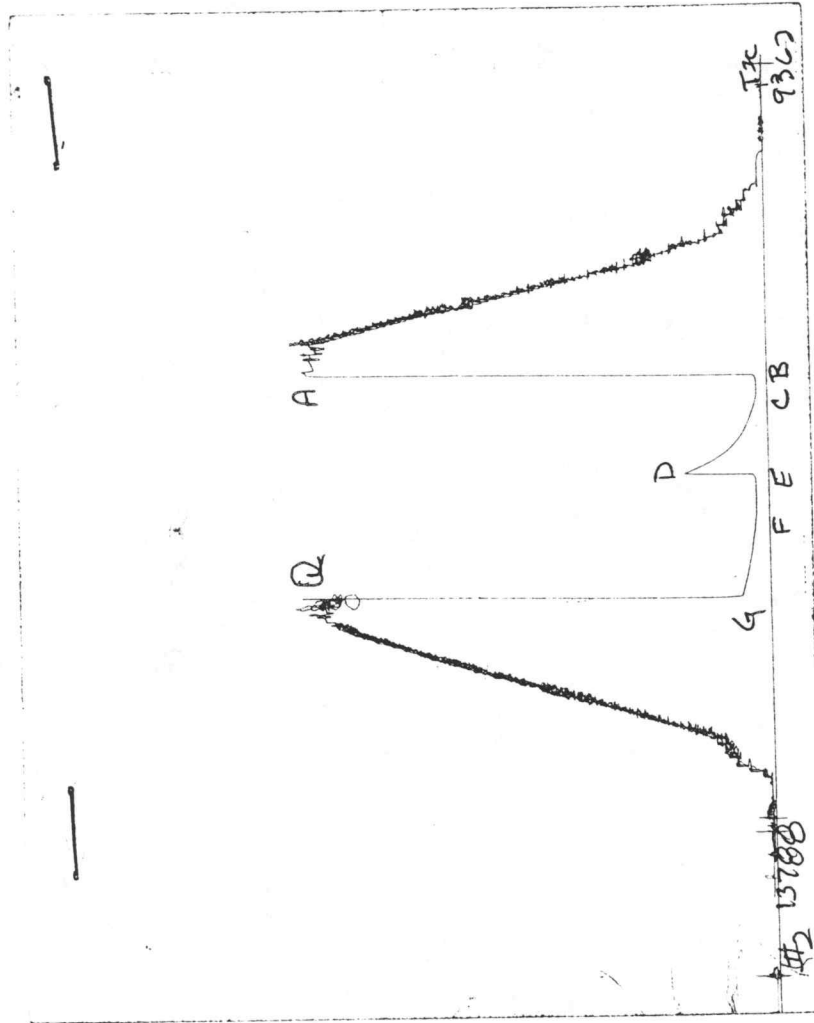
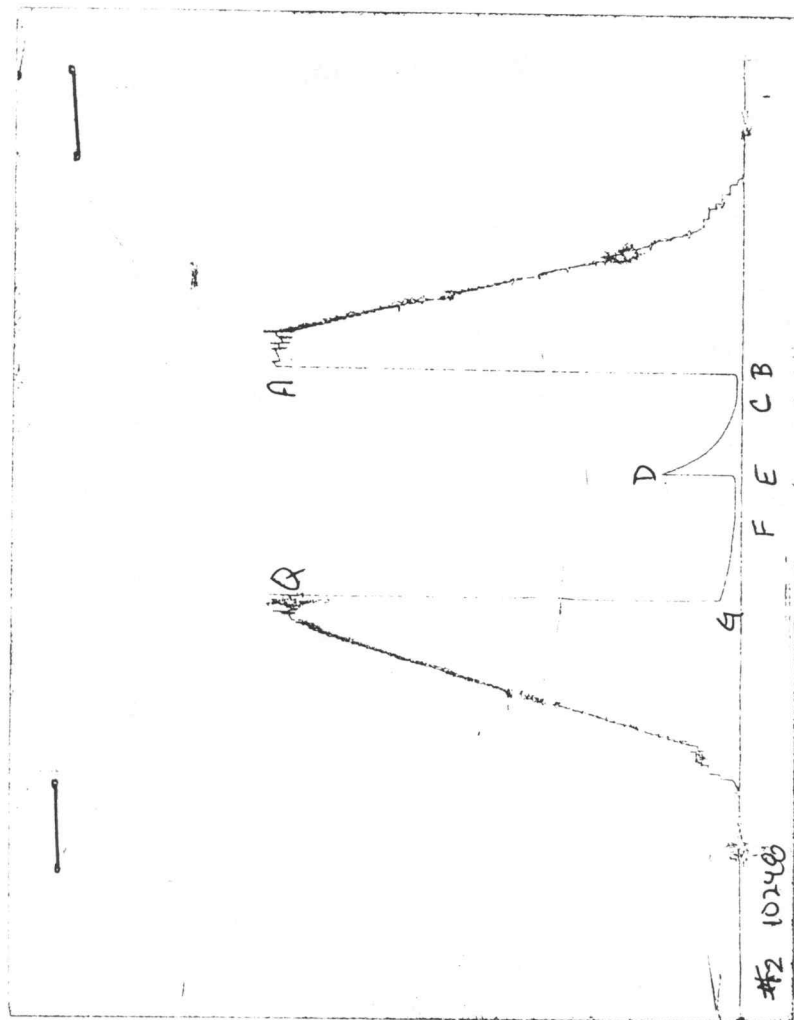


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
 TEST: 9362 DST#2 DALE ACRES#1 BONNEVILLE FUELS CORP.
 DATE: 07/20/96 TIME: 02:49:29

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	208.00	2701.1	0.0	127.03		
***** Start Flow 1	0.00	27.7	0.0	127.05		
	1.00	28.9	1.3	126.96		
	2.00	29.3	1.6	126.88		
	3.00	29.5	1.8	126.81		
	4.00	30.0	2.3	126.79		
	5.00	30.4	2.7	126.79		
	6.00	30.8	3.1	126.81		
	7.00	31.2	3.5	126.85		
	8.00	31.4	3.7	126.89		
	9.00	31.7	4.0	126.96		
	10.00	32.1	4.4	127.02		
	11.00	32.1	4.4	127.09		
	12.00	32.6	4.9	127.15		
	13.00	33.1	5.4	127.22		
	14.00	32.0	4.3	127.29		
***** End Flow 1	15.00	34.3	6.6	127.36		
***** Start Shutin 1	0.00	34.3	0.0	127.36	0.0000	0.001
	1.00	36.7	2.3	127.42	16.0000	0.001
	2.00	38.9	4.6	127.49	8.5000	0.002
	3.00	41.3	7.0	127.55	6.0000	0.002
	4.00	43.6	9.3	127.61	4.7500	0.002
	5.00	46.1	11.7	127.67	4.0000	0.002
	6.00	48.5	14.2	127.72	3.5000	0.002
	7.00	50.9	16.5	127.78	3.1429	0.003
	8.00	53.3	19.0	127.83	2.8750	0.003
	9.00	56.0	21.7	127.88	2.6667	0.003
	10.00	58.8	24.5	127.93	2.5000	0.003
	11.00	61.7	27.4	127.99	2.3636	0.004
	12.00	65.0	30.6	128.04	2.2500	0.004
	13.00	68.3	34.0	128.09	2.1538	0.005
	14.00	71.5	37.2	128.14	2.0714	0.005
	15.00	74.9	40.5	128.18	2.0000	0.006
	16.00	78.3	44.0	128.23	1.9375	0.006
	17.00	81.7	47.4	128.28	1.8824	0.007
	18.00	85.3	51.0	128.32	1.8333	0.007
	19.00	89.0	54.6	128.36	1.7895	0.008
	20.00	93.0	58.7	128.40	1.7500	0.009
	21.00	97.1	62.8	128.44	1.7143	0.009
	22.00	101.2	66.9	128.49	1.6818	0.010
	23.00	105.6	71.3	128.53	1.6522	0.011
	24.00	110.0	75.7	128.57	1.6250	0.012
	25.00	114.7	80.4	128.61	1.6000	0.013
	26.00	119.7	85.4	128.65	1.5769	0.014
	27.00	124.8	90.5	128.69	1.5556	0.016
	28.00	130.0	95.7	128.73	1.5357	0.017
	29.00	135.6	101.3	128.76	1.5172	0.018
	30.00	141.5	107.2	128.80	1.5000	0.020
	31.00	147.8	113.5	128.83	1.4839	0.022
	32.00	154.2	119.8	128.87	1.4688	0.024
	33.00	161.0	126.7	128.90	1.4545	0.026

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9362 DST#2 DALE ACRES#1 BONNEVILLE FUELS CORP.

DATE: 07/20/96

TIME: 02:49:29

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
34.00	168.3	133.9	128.95	1.4412	0.028
35.00	175.7	141.3	128.98	1.4286	0.031
36.00	183.5	149.1	129.02	1.4167	0.034
37.00	191.6	157.3	129.05	1.4054	0.037
38.00	200.2	165.9	129.09	1.3947	0.040
39.00	209.2	174.9	129.13	1.3846	0.044
40.00	218.7	184.4	129.15	1.3750	0.048
41.00	228.7	194.4	129.20	1.3659	0.052
42.00	239.1	204.8	129.23	1.3571	0.057
43.00	250.3	216.0	129.27	1.3488	0.063
44.00	262.3	228.0	129.30	1.3409	0.069
45.00	274.8	240.5	129.33	1.3333	0.075
46.00	288.1	253.8	129.37	1.3261	0.083
47.00	302.4	268.1	129.40	1.3191	0.091
48.00	316.5	282.2	129.43	1.3125	0.100
49.00	331.5	297.2	129.46	1.3061	0.110
50.00	347.1	312.8	129.49	1.3000	0.120
51.00	363.4	329.1	129.54	1.2941	0.132
52.00	380.6	346.3	129.56	1.2885	0.145
53.00	398.6	364.2	129.60	1.2830	0.159
54.00	417.3	383.0	129.63	1.2778	0.174
55.00	436.8	402.5	129.66	1.2727	0.191
56.00	457.0	422.7	129.70	1.2679	0.209
57.00	477.9	443.6	129.73	1.2632	0.228
58.00	490.1	455.8	129.76	1.2586	0.240

***** End Shut-in 1

***** Start Flow 2

0.00	36.0	0.0	129.78
1.00	36.4	0.4	129.79
2.00	35.5	-0.5	129.80
3.00	37.5	1.5	129.81
4.00	36.8	0.8	129.81
5.00	35.2	-0.8	129.83
6.00	37.8	1.8	129.85
7.00	36.4	0.4	129.88
8.00	38.2	2.2	129.90
9.00	36.9	0.9	129.93
10.00	38.7	2.7	129.96
11.00	37.3	1.3	129.98
12.00	38.9	2.9	130.01
13.00	38.1	2.1	130.03
14.00	39.3	3.3	130.06
15.00	38.6	2.6	130.09
16.00	37.8	1.8	130.11
17.00	39.3	3.3	130.15
18.00	38.8	2.9	130.17
19.00	38.3	2.3	130.20
20.00	39.5	3.5	130.23
21.00	39.3	3.3	130.24
22.00	38.9	2.9	130.27
23.00	38.8	2.8	130.30
24.00	39.9	3.9	130.33
25.00	39.7	3.7	130.35

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
 TEST: 9362 DST#2 DALE ACRES#1 BONNEVILLE FUELS CORP.
 DATE: 07/20/96 TIME: 02:49:29

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	26.00	39.6	3.6	130.38		
	27.00	39.4	3.4	130.40		
	28.00	39.4	3.4	130.42		
	29.00	39.0	3.0	130.45		
***** End Flow 2	30.00	40.1	4.1	130.47		
***** Start Shutin 2	0.00	40.1	0.0	130.47	0.0000	0.002
	1.00	41.3	1.2	130.49	46.0000	0.002
	2.00	42.4	2.3	130.52	23.5000	0.002
	3.00	43.5	3.4	130.54	16.0000	0.002
	4.00	44.5	4.4	130.57	12.2500	0.002
	5.00	45.6	5.5	130.58	10.0000	0.002
	6.00	46.7	6.6	130.61	8.5000	0.002
	7.00	47.9	7.8	130.63	7.4286	0.002
	8.00	49.2	9.1	130.66	6.6250	0.002
	9.00	50.2	10.1	130.68	6.0000	0.003
	10.00	51.2	11.1	130.70	5.5000	0.003
	11.00	52.3	12.2	130.72	5.0909	0.003
	12.00	53.4	13.3	130.74	4.7500	0.003
	13.00	54.5	14.4	130.76	4.4615	0.003
	14.00	55.6	15.5	130.79	4.2143	0.003
	15.00	56.7	16.6	130.81	4.0000	0.003
	16.00	57.9	17.8	130.83	3.8125	0.003
	17.00	59.2	19.1	130.86	3.6471	0.004
	18.00	60.4	20.3	130.87	3.5000	0.004
	19.00	61.7	21.6	130.89	3.3684	0.004
	20.00	62.9	22.8	130.92	3.2500	0.004
	21.00	64.3	24.2	130.94	3.1429	0.004
	22.00	65.5	25.4	130.96	3.0455	0.004
	23.00	67.0	26.9	130.97	2.9565	0.004
	24.00	68.4	28.3	131.00	2.8750	0.005
	25.00	69.7	29.6	131.03	2.8000	0.005
	26.00	71.2	31.1	131.04	2.7308	0.005
	27.00	72.3	32.2	131.06	2.6667	0.005
	28.00	73.8	33.7	131.08	2.6071	0.005
	29.00	75.3	35.2	131.10	2.5517	0.006
	30.00	76.6	36.5	131.12	2.5000	0.006
	31.00	78.2	38.1	131.14	2.4516	0.006
	32.00	79.8	39.7	131.16	2.4062	0.006
	33.00	81.3	41.2	131.18	2.3636	0.007
	34.00	82.9	42.8	131.20	2.3235	0.007
	35.00	84.5	44.4	131.22	2.2857	0.007
	36.00	86.1	46.0	131.23	2.2500	0.007
	37.00	87.8	47.7	131.26	2.2162	0.008
	38.00	89.5	49.3	131.28	2.1842	0.008
	39.00	91.4	51.3	131.29	2.1538	0.008
	40.00	93.1	53.0	131.32	2.1250	0.009
	41.00	94.9	54.8	131.34	2.0976	0.009
	42.00	96.6	56.5	131.35	2.0714	0.009
	43.00	98.6	58.5	131.37	2.0465	0.01
	44.00	100.7	60.6	131.39	2.0227	0.010
	45.00	102.6	62.5	131.41	2.0000	0.011

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9362 DST#2 DALE ACRES#1 BONNEVILLE FUELS CORP.

DATE: 07/20/96 TIME: 02:49:29

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	46.00	104.6	64.5	131.43	1.9783	0.011
	47.00	106.7	66.6	131.44	1.9574	0.011
	48.00	108.7	68.6	131.47	1.9375	0.012
	49.00	110.7	70.6	131.48	1.9184	0.012
	50.00	112.8	72.7	131.50	1.9000	0.013
	51.00	115.0	74.9	131.52	1.8824	0.013
	52.00	117.1	77.0	131.53	1.8654	0.014
	53.00	119.3	79.1	131.55	1.8491	0.014
	54.00	121.5	81.4	131.57	1.8333	0.015
	55.00	123.9	83.8	131.60	1.8182	0.015
	56.00	126.2	86.1	131.61	1.8036	0.016
	57.00	128.7	88.5	131.62	1.7895	0.017
	58.00	131.2	91.1	131.64	1.7759	0.017
	59.00	133.9	93.7	131.66	1.7627	0.018
	60.00	136.6	96.5	131.68	1.7500	0.019
***** End Shut-in 2	61.00	139.5	99.4	131.69	1.7377	0.019
***** Final Hydro.	388.00	2639.5	0.0	131.94		

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Dale Acres #1

LOCATION : 13-33S-18W, Comanche KS

TICKET No. 9362 D.S.T. No. 2 DATE 7-20-96

TOTAL TOOL TO BOTTOM OF TOP PACKERS 32

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 14

TOTAL TOOL 46

DRILL COLLAR ANCHOR IN INTERVAL 72

D.C. ANCHOR STND.Stands Single 2 Total 58

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 104

D.C. ABOVE TOOLS.Stands 5 Single 2 Total 492

D.P. ABOVE TOOLS.Stands 56 Single 0 Total 5234

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5830

TOTAL DEPTH 5810

TOTAL DRILL PIPE ABOVE K.B. 20

REMARKS:

FLUID SAMPLER DATA

SAMPLER RECOVERY -

Oil trace, Mud 2400 ml, Pressure 90 PSI,
Total 4000 ml

SAMPLER ANALYSIS -

Resist 1.44 ohms @ 92 F, Chlorides 3800 ppm

PIT MUD ANALYSIS -

Chlorides 3000 ppm, Resist 2.09 ohms @ 83 F
Vis 50, Mud Wt 8.9, Filt 9.6, LCM 4#/bbl

PIPE RECOVERY -

Bottom -

Resist 1.44 ohms @ 92 F, Chlorides 3800 ppm

P.O. SUB	
C.O. SUB @TOP OF TOOL	5706
S.I. TOOL	5712
SAMPLER	5715
HMV	5720
JARS	5727
SAFETY JOINT	5729
PACKER	5733
PACKER	5738
DEPTH 5738	4618
STUBB 1 FT.	5739
ANCHOR	
AK-1 RECORDER	5741
PERFS & C.O.SUB TO	5746
ALPINE RECORDER	5750
2 JTS.DRILL COLLAR	5804
T.C.	
DEPTH	
C.O.SUB TO	5805
AK-1 REC.@	5807
BULLNOSE 5 FT.PERFORATED TO	5810
T.D.	

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 9362

Well Name & No.	DALL ACRES #1	Test No.	2	Date	7-20-96
Company	BONNEVILLE FUELS CORP.	Zone Tested	VIOLA		
Address	DENVER CO. 80264	Elevation	1913 KB 1903 GL		
Co. Rep / Geo.	FREDDIE COWAN	Cont.	BRANDT DRUG. #2	Est. Ft. of Pay	10 Por. 9 %
Location: Sec.	13	Twp.	33 ^S	Rge.	18 ^W
				Co.	COMANCHE State KS
No. of Copies	17	Distribution Sheet (Y, N)	Y	Turnkey (Y, N)	N
				Evaluation (Y, N)	

Interval Tested	5738 - 5810	Initial Str Wt./Lbs.	94,000	Unseated Str Wt./Lbs.	91,000
Anchor Length	72'	Wt. Set Lbs.	24,000	Wt. Pulled Loose/Lbs.	108,000
Top Packer Depth	5733'	Hole Size — 7 7/8"	✓	Rubber Size — 6 3/4"	✓
Bottom Packer Depth	5738'	Wt. Pipe I.D. — 2.7 Ft. Run	NONE		
Total Depth	5810'	Drill Collar — 2.25 Ft. Run	492'		
Mud Wt.	8.9 LCM 4 th	Drill Pipe Size	4 1/2" x 14	Ft. Run	5234
Vis.	50				
WL	9.6 cc.				
Blow Description	IF: Very weak blow.				
	1/4" or less.				

FF: No blow.

Recovery — Total Feet	25	Ft. in DC	25	Ft. in WP		Ft. in DP	
Rec.	25	Feet Of	Mud & oil specs	%gas	%oil	%water	%mud
Rec.		Feet Of	Good oil seen @ top	%gas	%oil	%water	%mud
Rec.		Feet Of	of tool!	%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
BHT	132	°F Gravity	N.A.	°API D@		°F Corrected Gravity	N.A
							°API
RW	1.44	@	92	°F Chlorides	3,800	ppm Recovery	Chlorides 3,000 ppm System
(A) Initial Hydrostatic Mud	AK-1 2647	AK-1 2701	AK-1 2701	PSI	Recorder No.	10248	T-Started 0249
(B) First Initial Flow Pressure	21	58	28	PSI	@ (depth)	5741'	T-Open 0631
(C) First Final Flow Pressure	23	60	34	PSI	Recorder No.	2351	T-Pulled 0918
(D) Initial Shut-in Pressure	482	503	490	PSI	@ (depth)	5750'	T-Out 1350
(E) Second Initial Flow Pressure	34	70	36	PSI	Recorder No.	13788	
(F) Second Final Flow Pressure	34	72	40	PSI	@ (depth)	5807'	
(G) Final Shut-in Pressure	141	156	139	PSI	Initial Opening	15	Test ✓ 700 ⁰⁰
(H) Final Hydrostatic Mud	2603	2660	2643	PSI	Initial Shut-in	60	Jars ✓ 200 ⁰⁰
	10248	13288	2351		Final Flow	30	Safety Joint ✓ 50 ⁰⁰
	4400 PSI	4650 PSI	4495 PSI		Final Shut-in	60	Straddle
							Circ. Sub
							Sampler ✓ 200 ⁰⁰
							Extra Packer
							Elect. Rec. ✓
							Other Recorder ✓ 75 ⁰⁰
							TOTAL PRICE \$1225 ⁰⁰

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF 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, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Freddie Cowan AFE* BF0203
Our Representative Cory Thompson

Extra Packer
Elect. Rec. ✓
Other Recorder ✓ 75⁰⁰
TOTAL PRICE \$1225⁰⁰

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 9362 Date 7-20-96
Company Name BONNIEVILLE FUELS CORP.
Lease DALLACRES #1 Test No. 2
County COMANCHE KS Sec. 13 Twp. 33^S Rng. 18^W

SAMPLER RECOVERY

Gas None ML
Oil Trace ML
Mud 2,400 ML
Water None ML
Other — ML
Pressure 90 PSI
Total 2,400 ML

PIT MUD ANALYSIS

Chlorides 3,000 ppm.
Resistivity 2.09 ohms @ 83 F
Viscosity 50
Mud Weight 8.9
Filtrate 9.6 cc.
Other CCM 4# / 3L

SAMPLER ANALYSIS

Resistivity 1.44 ohms @ 92 F
Chlorides 3,800 ppm.
Gravity N/A corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
BOTTOM
25' Mud @ oil spec.
Resistivity 1.44 ohms @ 92 F
Chlorides 3,800 ppm.