WELL NAME:	ADE #1
COMPANY:	American Discovery Energy / Argent
LOCATION:	31-24S-12W
	Stafford County Kansas
DATE:	09/10/96

TRILOBITE TESTING L.L.C.

OPERATOR : Am. Discovery / Argent
WELL NAME: ADE #1
LOCATION : 31-24S-12W, Stafford KS
INTERVAL : 3756.00 To 3815.00 ft

DATE 09-07-96
KB 1910.00 ft TICKET NO: 9453 DST #1
GR 1902.00 ft FORMATION: Lans.KC
TD 3815.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins			Field	1	2	3	4
PF	30	Rec.	10248	10248	2342		
SI	45	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0
SF	45	Clock(hrs)	12	12	Alpin		
FS	60	Depth(ft)	3812.0	3812.0	3767.0	0.0	0.0

TIME DATA----------
PF Fr. 2038 to 2108 hr
IS Fr. 2108 to 2153 hr
SF Fr. 2153 to 2238 hr
FS Fr. 2238 to 2338 hr

	Field	1	2	3	4
A. Init Hydro	1876.0	1863.0	1842.0	0.0	0.0
B. First Flow	55.0	57.0	30.0	0.0	0.0
B1. Final Flow	71.0	69.0	53.0	0.0	0.0
C. In Shut-in	727.0	714.0	717.0	0.0	0.0
D. Init Flow	85.0	73.0	61.0	0.0	0.0
E. Final Flow	96.0	82.0	78.0	0.0	0.0
F. Fl Shut-in	749.0	716.0	731.0	0.0	0.0
G. Final Hydro	1778.0	1760.0	1798.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 1858 hr
T ON BOTM 1835 hr
T OPEN 1838 hr
T PULLED 2338 hr
T OUT 0230 hr

RECOVERY
Tot Fluid 120.00 ft of 120.00 ft in DC and 0.00 ft in DP
120.00 ft of Gas in pipe
Clean oil at top of tool
60.00 ft of Drilling mud with oil specks
60.00 ft of Slightly oil cut mud - 1% oil, 99% mud

10.00 ft of Pay (est)

TOOL DATA----------

Tool Wt.	2100.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	78000.00 lbs
Initial Str Wt	68000.00 lbs
Unseated Str Wt	70000.00 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	545.00 ft
D.P. Length	3198.00 ft

SALINITY 4000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION
Initial Flow -
Fair Blow. Slow increase to 12" in water

Final Flow -
Weak blow. Slow increase to 4" in water

MUD DATA----------

Mud Type	Chemical
Weight	8.90 lb/cf
Vis.	55.00 S/L
W.L.	8.90 in3
F.C.	0.20 in
Mud Drop	N
Amt. of fill	0.00 ft
Btm. H. Temp.	111.00 F
Hole Condition	Good
% Porosity	12.00
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.	Brad Rine
Contr.	Sterling
Rig #	4
Unit #	
Pump T.	

SAMPLES: none
SENT TO:

Test Successful: Y

TEST HISTORY

9453 DST#1 ADE#1 AMERICAN DISCOVERY ENERGY

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	1841.70
B:	0.00	30.12
C:	29.00	52.87
D:	45.00	717.41
E:	0.00	61.09
F:	44.00	78.21
G:	60.00	731.42
Q:	0.00	1798.06

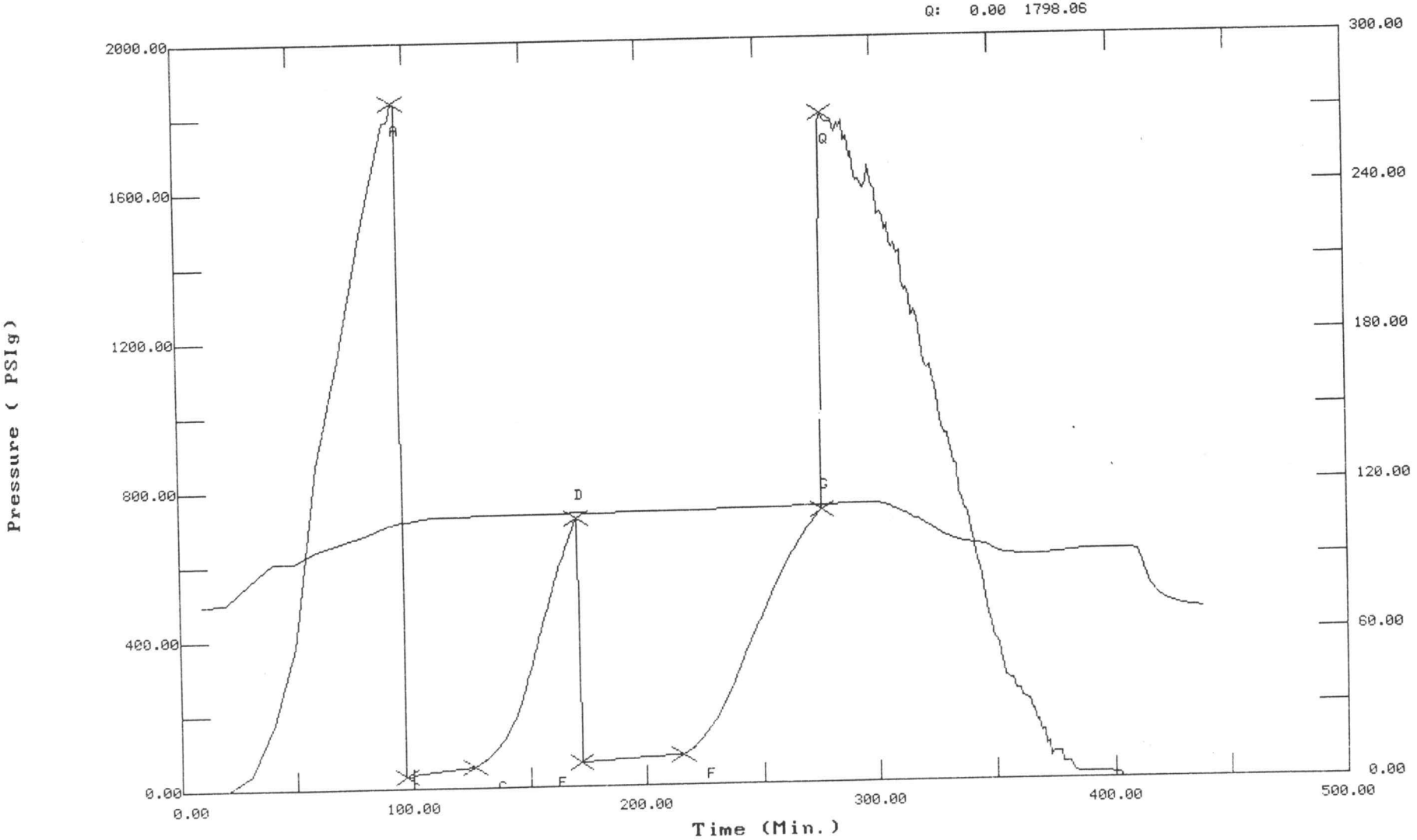
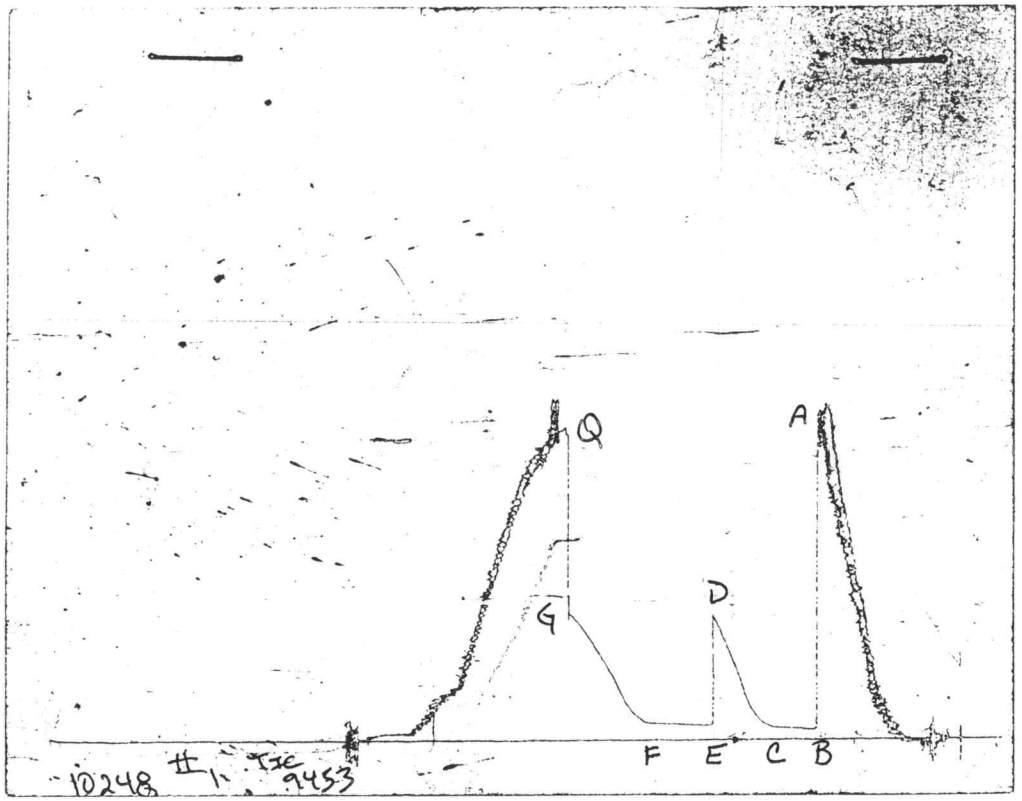


CHART PAGE



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

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9453 DST#1 ADE#1 AMERICAN DISCOVERY ENERGY

DATE: 09/07/96 TIME: 18:58:52

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	95.00	1841.7	0.0	106.87		
***** Start Flow 1	0.00	30.1	0.0	107.18		
	1.00	30.4	0.3	107.30		
	2.00	32.3	2.2	107.41		
	3.00	34.2	4.0	107.56		
	4.00	35.4	5.3	107.76		
	5.00	36.8	6.6	107.97		
	6.00	37.5	7.4	108.18		
	7.00	38.3	8.1	108.37		
	8.00	39.9	9.7	108.53		
	9.00	40.4	10.3	108.67		
	10.00	40.9	10.8	108.79		
	11.00	42.0	11.8	108.87		
	12.00	42.5	12.3	108.96		
	13.00	43.2	13.1	109.02		
	14.00	44.1	13.9	109.08		
	15.00	45.0	14.9	109.13		
	16.00	46.6	16.4	109.17		
	17.00	47.7	17.6	109.21		
	18.00	47.2	17.0	109.23		
	19.00	47.4	17.3	109.25		
	20.00	47.9	17.8	109.28		
	21.00	48.8	18.7	109.29		
	22.00	50.0	19.9	109.30		
	23.00	50.0	19.9	109.32		
	24.00	50.9	20.8	109.34		
	25.00	50.7	20.6	109.35		
	26.00	51.4	21.3	109.37		
	27.00	52.5	22.4	109.38		
	28.00	52.7	22.6	109.39		
****** End Flow 1	29.00	52.9	22.7	109.41		
****** Start Shutin 1	0.00	52.9	0.0	109.41	0.0000	0.003
	1.00	56.8	3.9	109.43	30.0000	0.003
	2.00	61.3	8.5	109.45	15.5000	0.004
	3.00	66.1	13.3	109.47	10.6667	0.004
	4.00	70.9	18.0	109.48	8.2500	0.005
	5.00	75.9	23.0	109.50	6.8000	0.006
	6.00	81.4	28.5	109.52	5.8333	0.007
	7.00	87.0	34.2	109.53	5.1429	0.008
	8.00	93.2	40.3	109.54	4.6250	0.009
	9.00	99.3	46.4	109.55	4.2222	0.01
	10.00	105.4	52.5	109.56	3.9000	0.011
	11.00	113.1	60.3	109.57	3.6364	0.013
	12.00	121.8	68.9	109.58	3.4167	0.015
	13.00	131.3	78.5	109.59	3.2308	0.017
	14.00	141.7	88.8	109.60	3.0714	0.020
	15.00	152.9	100.0	109.61	2.9333	0.023
	16.00	165.2	112.4	109.62	2.8125	0.027
	17.00	178.5	125.6	109.64	2.7059	0.032
	18.00	192.9	140.0	109.65	2.6111	0.037
	19.00	208.6	155.7	109.65	2.5263	0.043

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 9453 DST#1 ADE#1 AMERICAN DISCOVERY ENERGY
DATE: 09/07/96 TIME: 18:58:52

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	20.00	225.6	172.7	109.67	2.4500	0.051
	21.00	244.1	191.3	109.68	2.3810	0.060
	22.00	264.2	211.3	109.69	2.3182	0.070
	23.00	285.4	232.6	109.71	2.2609	0.081
	24.00	307.8	254.9	109.71	2.2083	0.095
	25.00	330.7	277.8	109.73	2.1600	0.109
	26.00	353.8	301.0	109.74	2.1154	0.125
	27.00	376.3	323.5	109.76	2.0741	0.142
	28.00	398.1	345.2	109.77	2.0357	0.158
	29.00	419.5	366.6	109.79	2.0000	0.176
	30.00	440.9	388.1	109.80	1.9667	0.194
	31.00	462.3	409.5	109.82	1.9355	0.214
	32.00	483.6	430.7	109.84	1.9062	0.234
	33.00	504.8	452.0	109.85	1.8788	0.255
	34.00	526.0	473.1	109.87	1.8529	0.277
	35.00	546.8	493.9	109.88	1.8286	0.299
	36.00	567.1	514.2	109.89	1.8056	0.322
	37.00	587.1	534.2	109.92	1.7838	0.345
	38.00	606.1	553.3	109.93	1.7632	0.367
	39.00	624.6	571.7	109.95	1.7436	0.390
	40.00	642.5	589.6	109.96	1.7250	0.413
	41.00	659.6	606.7	109.98	1.7073	0.435
	42.00	676.3	623.4	109.99	1.6905	0.457
	43.00	692.2	639.4	110.01	1.6744	0.479
	44.00	707.7	654.8	110.02	1.6591	0.501
****** End Shut-in 1	45.00	717.4	664.5	110.04	1.6444	0.515
****** Start Flow 2	0.00	61.1	0.0	110.02		
	1.00	61.6	0.5	110.02		
	2.00	63.1	2.0	110.01		
	3.00	63.0	1.9	110.00		
	4.00	63.3	2.2	109.98		
	5.00	63.9	2.8	109.97		
	6.00	64.5	3.4	109.97		
	7.00	65.1	4.0	109.98		
	8.00	65.5	4.4	109.96		
	9.00	66.1	5.0	109.97		
	10.00	66.5	5.5	109.97		
	11.00	67.0	6.0	109.97		
	12.00	67.5	6.4	109.97		
	13.00	67.8	6.7	109.98		
	14.00	68.2	7.1	109.99		
	15.00	68.6	7.6	110.00		
	16.00	69.1	8.1	110.00		
	17.00	69.4	8.3	110.01		
	18.00	69.8	8.7	110.02		
	19.00	70.3	9.2	110.03		
	20.00	70.6	9.5	110.04		
	21.00	71.0	9.9	110.05		
	22.00	71.2	10.2	110.06		
	23.00	71.7	10.6	110.07		
	24.00	72.1	11.0	110.08		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 9453 DST#1 ADE#1 AMERICAN DISCOVERY ENERGY
DATE: 09/07/96 TIME: 18:58:52

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	25.00	72.3	11.2	110.09		
	26.00	72.8	11.7	110.10		
	27.00	73.2	12.1	110.12		
	28.00	73.4	12.3	110.13		
	29.00	73.8	12.8	110.14		
	30.00	74.1	13.0	110.16		
	31.00	74.4	13.3	110.16		
	32.00	74.6	13.5	110.18		
	33.00	75.2	14.1	110.19		
	34.00	75.8	14.7	110.21		
	35.00	76.1	15.0	110.21		
	36.00	76.1	15.0	110.23		
	37.00	77.0	15.9	110.25		
	38.00	77.5	16.4	110.26		
	39.00	77.5	16.4	110.27		
	40.00	77.8	16.7	110.29		
	41.00	77.9	16.8	110.31		
	42.00	77.7	16.6	110.32		
	43.00	78.0	17.0	110.34		
****** End Flow 2	44.00	78.2	17.1	110.35		
****** Start Shutin 2	0.00	78.2	0.0	110.35	0.0000	0.006
	1.00	81.1	2.9	110.36	74.0000	0.007
	2.00	85.8	7.6	110.37	37.5000	0.007
	3.00	91.1	12.8	110.39	25.3333	0.008
	4.00	96.5	18.3	110.40	19.2500	0.009
	5.00	102.1	23.9	110.42	15.6000	0.010
	6.00	108.3	30.0	110.43	13.1667	0.012
	7.00	114.6	36.3	110.46	11.4286	0.013
	8.00	121.4	43.2	110.47	10.1250	0.015
	9.00	128.8	50.6	110.49	9.1111	0.017
	10.00	136.6	58.4	110.50	8.3000	0.019
	11.00	144.9	66.6	110.52	7.6364	0.021
	12.00	153.5	75.3	110.54	7.0833	0.024
	13.00	162.6	84.4	110.55	6.6154	0.026
	14.00	172.5	94.3	110.58	6.2143	0.030
	15.00	182.9	104.7	110.59	5.8667	0.033
	16.00	193.9	115.7	110.61	5.5625	0.038
	17.00	205.6	127.4	110.63	5.2941	0.042
	18.00	218.0	139.7	110.65	5.0556	0.048
	19.00	231.0	152.8	110.66	4.8421	0.053
	20.00	244.6	166.4	110.68	4.6500	0.060
	21.00	258.9	180.7	110.70	4.4762	0.067
	22.00	273.7	195.5	110.72	4.3182	0.075
	23.00	289.0	210.7	110.74	4.1739	0.083
	24.00	304.4	226.2	110.76	4.0417	0.093
	25.00	320.1	241.9	110.78	3.9200	0.102
	26.00	336.0	257.7	110.80	3.8077	0.113
	27.00	351.7	273.5	110.81	3.7037	0.124
	28.00	366.8	288.5	110.84	3.6071	0.135
	29.00	381.2	303.0	110.86	3.5172	0.145
	30.00	395.0	316.8	110.88	3.4333	0.156

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9453 DST#1 ADE#1 AMERICAN DISCOVERY ENERGY

DATE: 09/07/96 TIME: 18:58:52

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	31.00	408.9	330.7	110.90	3.3548	0.167
	32.00	422.8	344.6	110.92	3.2812	0.179
	33.00	436.9	358.7	110.94	3.2121	0.191
	34.00	450.9	372.7	110.96	3.1471	0.203
	35.00	464.9	386.7	110.97	3.0857	0.216
	36.00	478.8	400.6	111.00	3.0278	0.229
	37.00	492.7	414.5	111.01	2.9730	0.243
	38.00	506.5	428.3	111.03	2.9211	0.257
	39.00	520.1	441.9	111.05	2.8718	0.270
	40.00	533.4	455.1	111.07	2.8250	0.284
	41.00	546.0	467.8	111.09	2.7805	0.298
	42.00	558.6	480.4	111.11	2.7381	0.312
	43.00	570.8	492.6	111.12	2.6977	0.326
	44.00	582.8	504.6	111.14	2.6591	0.340
	45.00	594.5	516.3	111.16	2.6222	0.353
	46.00	606.1	527.9	111.18	2.5870	0.367
	47.00	617.4	539.2	111.19	2.5532	0.381
	48.00	628.4	550.1	111.21	2.5208	0.395
	49.00	639.0	560.8	111.23	2.4898	0.408
	50.00	649.4	571.2	111.24	2.4600	0.422
	51.00	659.5	581.3	111.26	2.4314	0.435
	52.00	669.2	591.0	111.28	2.4038	0.448
	53.00	678.5	600.3	111.30	2.3774	0.460
	54.00	687.6	609.4	111.32	2.3519	0.473
	55.00	696.2	618.0	111.33	2.3273	0.485
	56.00	704.6	626.4	111.34	2.3036	0.497
	57.00	712.7	634.5	111.35	2.2807	0.508
	58.00	720.6	642.4	111.37	2.2586	0.519
	59.00	728.1	649.9	111.39	2.2373	0.530
****** End Shut-in 2	60.00	731.4	653.2	111.40	2.2167	0.535
****** Final Hydro.	278.00	1798.1	0.0	111.53		

*** TOOL DIAGRAM *** CONVENTIONAL

ELL NAME: ADE #1

OCATION : 31-24S-12W

ICKET No. 9453 D.S.T. No. 1 DATE 09-07-96

OTAL TOOL TO BOTTOM OF TOP PACKERS 22

NTERVAL TOOL .....

OTTOM PACKERS AND ANCHOR 28

OTAL TOOL 50

RILL COLLAR ANCHOR IN INTERVAL .....

.C. ANCHOR STND.Stands Single Total

.P. ANCHOR STND.Stands Single 1 Total 31

OTAL ASSEMBLY 81

.C. ABOVE TOOLS.Stands9 Single Total 545

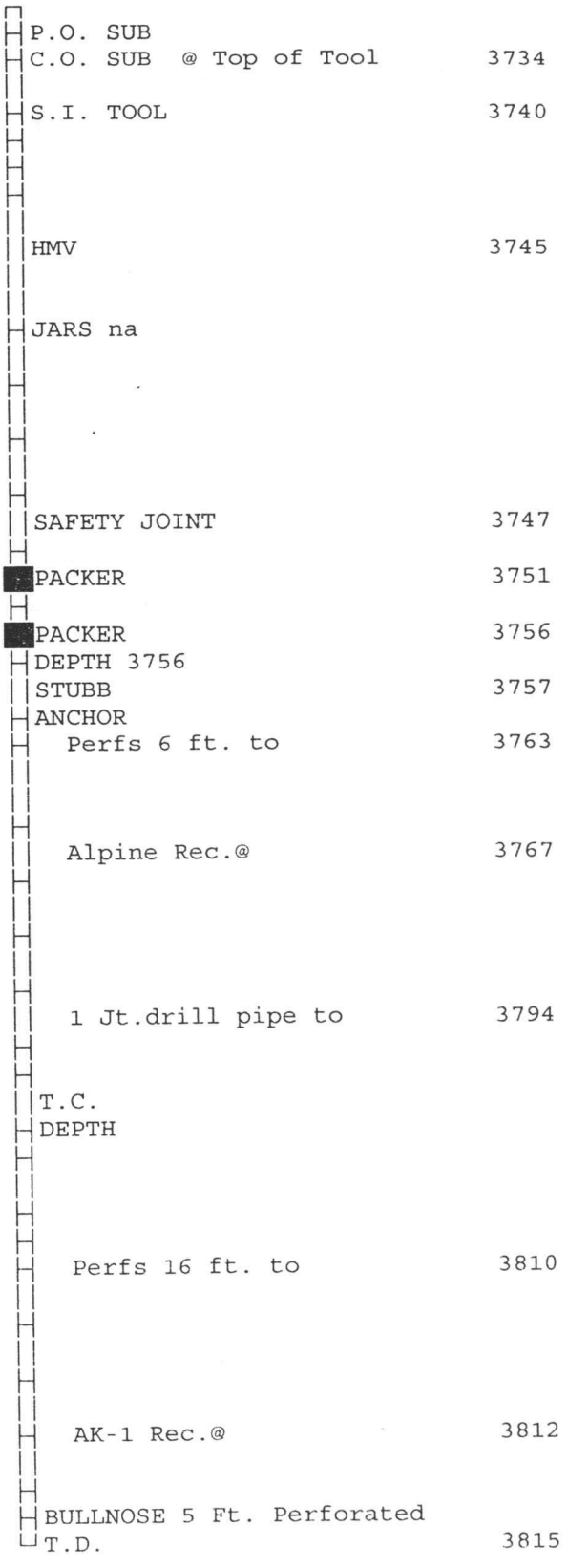
.P. ABOVE TOOLS.Stands52 Single Total 3198

OTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3824

OTAL DEPTH 3815

OTAL DRILL PIPE ABOVE K.B. 9

EMARKS:



TRILOBITE TESTING L.L.C.

OPERATOR : Am. Discovery / Argent
WELL NAME: ADE #1
LOCATION : 31-24S-12W, Stafford KS
INTERVAL : 3858.00 To 3910.00 ft

DATE 09-08-96
KB 1910.00 ft
GR 1902.00 ft
TD 3910.00 ft
TICKET NO: 9454 DST #2
FORMATION: Marmaton
TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins			Field	1	2	3	4
PF	30	Rec.	10248	10248	2342		
SI	45	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0
SF	15	Clock(hrs)	12	12	Alpin		
FS	30	Depth(ft)	3907.0	3907.0	3867.0	0.0	0.0

TIME DATA----------
PF Fr. 1505 to 1535 hr
IS Fr. 1535 to 1620 hr
SF Fr. 1620 to 1635 hr
FS Fr. 1635 to 1705 hr

	Field	1	2	3	4
A. Init Hydro	1876.0	1871.0	1911.0	0.0	0.0
B. First Flow	50.0	46.0	22.0	0.0	0.0
B1. Final Flow	50.0	50.0	27.0	0.0	0.0
C. In Shut-in	78.0	68.0	51.0	0.0	0.0
D. Init Flow	50.0	48.0	23.0	0.0	0.0
E. Final Flow	50.0	48.0	24.0	0.0	0.0
F. Fl Shut-in	60.0	55.0	31.0	0.0	0.0
G. Final Hydro	1821.0	1846.0	1834.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 1326 hr
T ON BOTM 1502 hr
T OPEN 1505 hr
T PULLED 1705 hr
T OUT 1910 hr

RECOVERY
Tot Fluid 15.00 ft of 15.00 ft in DC and 0.00 ft in DP
15.00 ft of Drilling mud

5.00 ft of Pay (est)

TOOL DATA----------

Tool Wt.	2100.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	78000.00 lbs
Initial Str Wt	68000.00 lbs
Unseated Str Wt	68000.00 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	545.00 ft
D.P. Length	3320.00 ft

SALINITY 7000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA----------

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	43.00 S/L
W.L.	8.80 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	2.00 ft
Btm. H. Temp.	109.00 F
Hole Condition	Good
% Porosity	10.00
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.	Brad Rine
Contr.	Sterling
Rig #	4
Unit #	
Pump T.	

BLOW DESCRIPTION
Initial Flow -
Weak blow, .25" - .5" in water

Final Flow -
Very weak blow, dead in 12 minutes

SAMPLES: none
SENT TO:

Test Successful: Y

TEST HISTORY

9454 DST#2 ADE#1 AMERICAN DISCOVERY ENG./ARGENT ENERGY

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	1910.94
B:	0.00	21.81
C:	30.00	27.35
D:	44.00	51.02
E:	0.00	22.99
F:	15.00	24.41
G:	30.00	31.04
Q:	0.00	1833.65

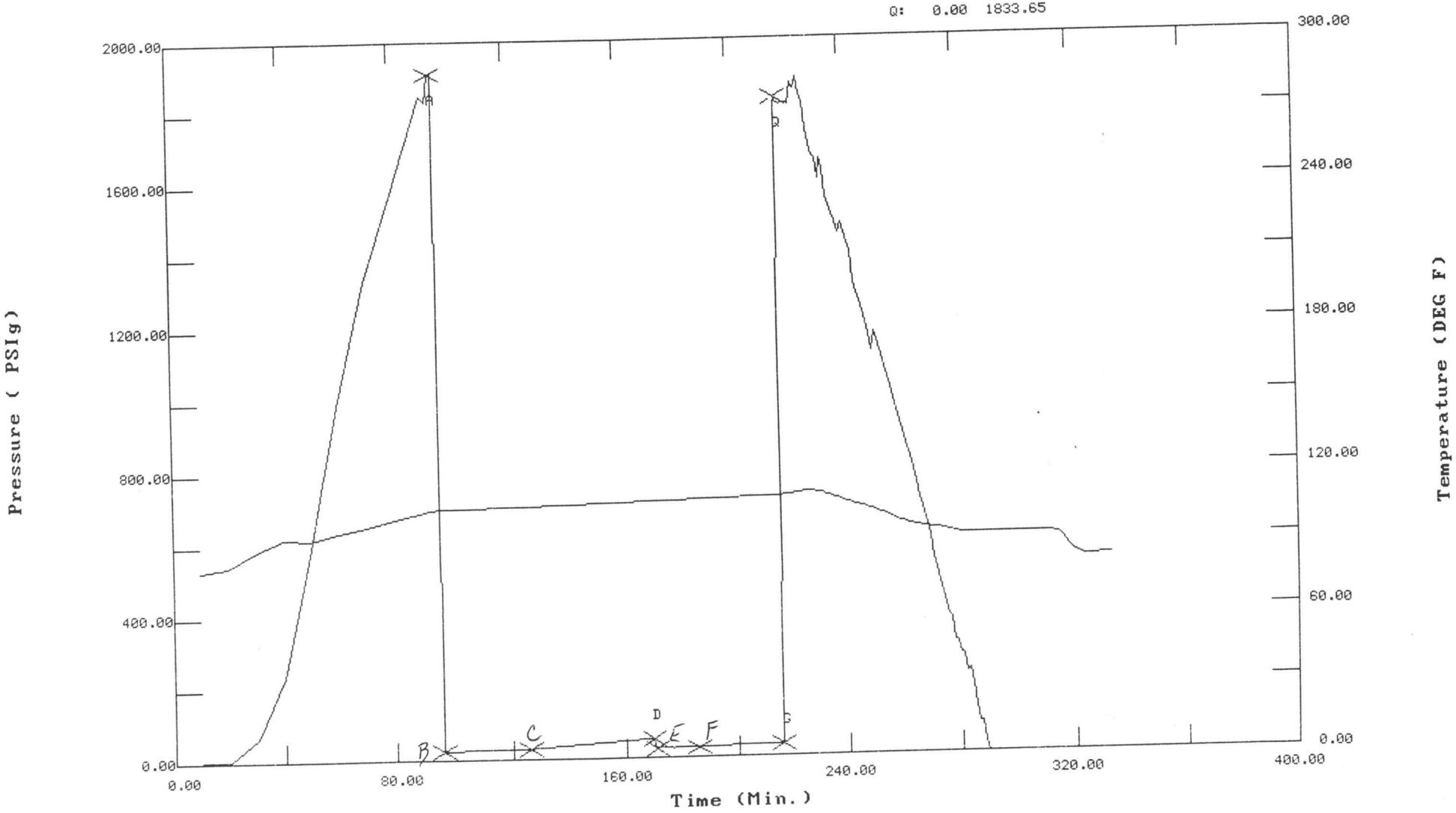
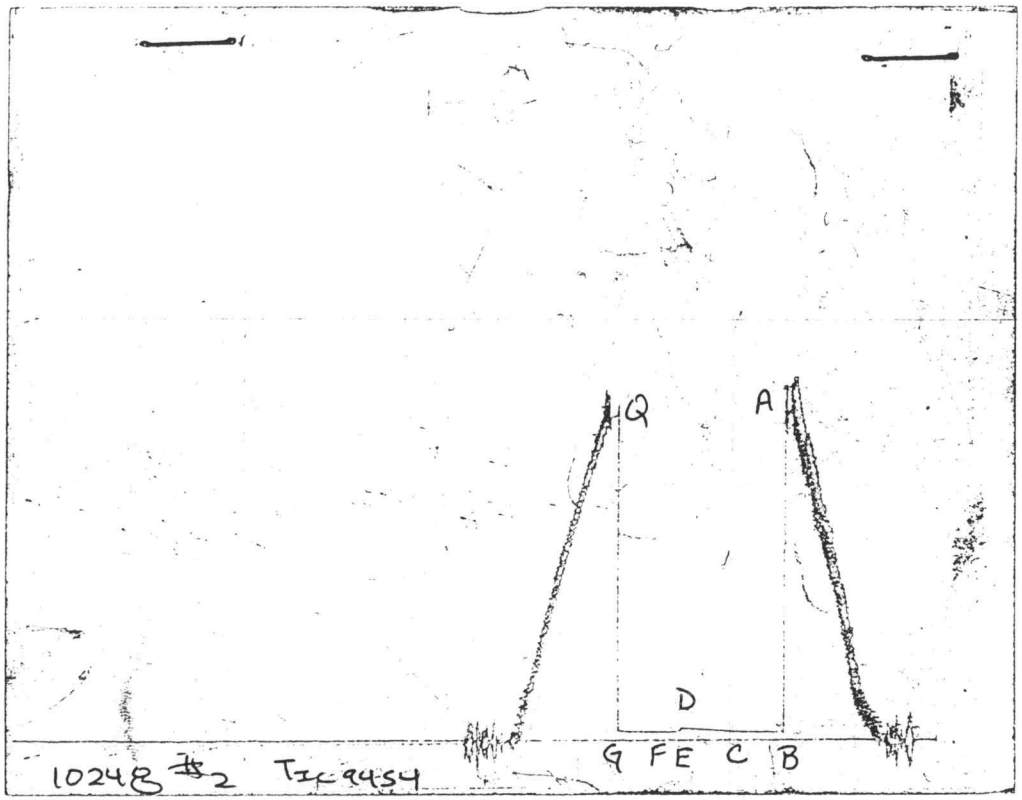


CHART PAGE



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

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 9454 DST#2 ADE#1 AMERICAN DISCOVERY ENG./ARGENT ENERGY
DATE: 09/08/96 TIME: 13:26:19

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	94.00	1910.9	0.0	104.51		
***** Start Flow 1	0.00	21.8	0.0	104.75		
	1.00	22.3	0.5	104.82		
	2.00	22.8	1.0	104.86		
	3.00	23.2	1.3	104.89		
	4.00	23.5	1.7	104.91		
	5.00	23.7	1.9	104.93		
	6.00	24.0	2.2	104.95		
	7.00	24.2	2.4	104.97		
	8.00	24.5	2.7	104.98		
	9.00	24.8	2.9	105.01		
	10.00	24.9	3.1	105.03		
	11.00	25.2	3.4	105.06		
	12.00	25.3	3.5	105.08		
	13.00	25.6	3.8	105.11		
	14.00	25.8	4.0	105.13		
	15.00	25.9	4.1	105.16		
	16.00	25.9	4.1	105.19		
	17.00	26.2	4.4	105.22		
	18.00	26.2	4.4	105.25		
	19.00	26.4	4.6	105.28		
	20.00	26.3	4.5	105.31		
	21.00	26.5	4.7	105.34		
	22.00	27.4	5.5	105.37		
	23.00	26.8	5.0	105.40		
	24.00	26.8	5.0	105.43		
	25.00	27.0	5.2	105.47		
	26.00	27.2	5.4	105.50		
	27.00	27.3	5.5	105.53		
	28.00	27.3	5.5	105.56		
	29.00	27.4	5.5	105.60		
***** End Flow 1	30.00	27.4	5.5	105.62		
***** Start Shutin 1	0.00	27.4	0.0	105.62	0.0000	0.001
	1.00	28.1	0.8	105.66	31.0000	0.001
	2.00	28.7	1.3	105.69	16.0000	0.001
	3.00	29.3	1.9	105.72	11.0000	0.001
	4.00	29.8	2.4	105.76	8.5000	0.001
	5.00	30.3	2.9	105.80	7.0000	0.001
	6.00	31.0	3.6	105.83	6.0000	0.001
	7.00	31.7	4.4	105.87	5.2857	0.001
	8.00	32.3	5.0	105.90	4.7500	0.001
	9.00	32.8	5.5	105.94	4.3333	0.001
	10.00	33.4	6.0	105.97	4.0000	0.001
	11.00	34.0	6.6	106.00	3.7273	0.001
	12.00	34.7	7.3	106.04	3.5000	0.001
	13.00	35.2	7.8	106.08	3.3077	0.001
	14.00	35.7	8.3	106.12	3.1429	0.001
	15.00	36.3	9.0	106.16	3.0000	0.001
	16.00	36.8	9.5	106.19	2.8750	0.001
	17.00	37.4	10.1	106.23	2.7647	0.001
	18.00	37.9	10.6	106.27	2.6667	0.001

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 9454 DST#2 ADE#1 AMERICAN DISCOVERY ENG./ARGENT ENERGY
DATE: 09/08/96 TIME: 13:26:19

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	19.00	38.4	11.1	106.30	2.5789	0.001
	20.00	39.0	11.7	106.33	2.5000	0.002
	21.00	39.4	12.1	106.37	2.4286	0.002
	22.00	40.0	12.7	106.41	2.3636	0.002
	23.00	40.5	13.2	106.45	2.3043	0.002
	24.00	41.0	13.7	106.48	2.2500	0.002
	25.00	41.6	14.3	106.52	2.2000	0.002
	26.00	42.1	14.8	106.56	2.1538	0.002
	27.00	42.5	15.2	106.60	2.1111	0.002
	28.00	43.1	15.8	106.63	2.0714	0.002
	29.00	43.6	16.3	106.66	2.0345	0.002
	30.00	44.2	16.9	106.70	2.0000	0.002
	31.00	44.6	17.3	106.74	1.9677	0.002
	32.00	45.1	17.8	106.77	1.9375	0.002
	33.00	45.6	18.3	106.81	1.9091	0.002
	34.00	46.1	18.7	106.84	1.8824	0.002
	35.00	46.6	19.2	106.88	1.8571	0.002
	36.00	47.2	19.8	106.92	1.8333	0.002
	37.00	47.7	20.3	106.95	1.8108	0.002
	38.00	48.1	20.7	106.99	1.7895	0.002
	39.00	48.6	21.2	107.02	1.7692	0.002
	40.00	49.0	21.7	107.06	1.7500	0.002
	41.00	49.5	22.2	107.09	1.7317	0.002
	42.00	50.0	22.7	107.12	1.7143	0.003
	43.00	50.5	23.2	107.15	1.6977	0.003
****** End Shut-in 1	44.00	51.0	23.7	107.19	1.6818	0.003
****** Start Flow 2	0.00	23.0	0.0	107.22		
	1.00	25.3	2.3	107.26		
	2.00	25.8	2.9	107.28		
	3.00	26.2	3.2	107.30		
	4.00	26.7	3.7	107.33		
	5.00	27.1	4.1	107.36		
	6.00	22.8	-0.2	107.39		
	7.00	24.5	1.5	107.42		
	8.00	25.1	2.1	107.46		
	9.00	25.5	2.5	107.48		
	10.00	25.8	2.8	107.52		
	11.00	26.2	3.2	107.55		
	12.00	26.6	3.6	107.58		
	13.00	26.9	3.9	107.62		
	14.00	27.2	4.2	107.65		
****** End Flow 2	15.00	24.4	1.4	107.68		
****** Start Shutin 2	0.00	24.4	0.0	107.68	0.0000	0.001
	1.00	24.8	0.3	107.72	46.0000	0.001
	2.00	25.2	0.8	107.75	23.5000	0.001
	3.00	25.6	1.2	107.78	16.0000	0.001
	4.00	26.0	1.6	107.81	12.2500	0.001
	5.00	26.4	2.0	107.85	10.0000	0.001
	6.00	26.7	2.3	107.88	8.5000	0.001
	7.00	27.0	2.6	107.91	7.4286	0.001
	8.00	27.4	3.0	107.95	6.6250	0.001

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 9454 DST#2 ADE#1 AMERICAN DISCOVERY ENG./ARGENT ENERGY
DATE: 09/08/96 TIME: 13:26:19

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	9.00	27.7	3.3	107.97	6.0000	0.001
	10.00	28.0	3.6	108.01	5.5000	0.001
	11.00	28.3	3.9	108.04	5.0909	0.001
	12.00	28.4	4.0	108.07	4.7500	0.001
	13.00	28.5	4.1	108.11	4.4615	0.001
	14.00	28.9	4.5	108.13	4.2143	0.001
	15.00	29.1	4.7	108.16	4.0000	0.001
	16.00	29.4	5.0	108.20	3.8125	0.001
	17.00	29.4	5.0	108.22	3.6471	0.001
	18.00	29.6	5.2	108.25	3.5000	0.001
	19.00	29.8	5.4	108.29	3.3684	0.001
	20.00	29.8	5.4	108.32	3.2500	0.001
	21.00	30.1	5.7	108.34	3.1429	0.001
	22.00	30.3	5.9	108.37	3.0455	0.001
	23.00	30.5	6.1	108.40	2.9565	0.001
	24.00	30.6	6.2	108.44	2.8750	0.001
	25.00	30.7	6.3	108.46	2.8000	0.001
	26.00	30.7	6.3	108.50	2.7308	0.001
	27.00	31.0	6.5	108.53	2.6667	0.001
	28.00	31.0	6.5	108.55	2.6071	0.001
	29.00	31.0	6.5	108.59	2.5517	0.001
****** End Shut-in 2	30.00	31.0	6.6	108.61	2.5000	0.001
****** Final Hydro.	217.00	1833.6	0.0	108.72		

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: ADE #1

LOCATION : 31-24S-12W

TICKET No. 9454 D.S.T. No. 2 DATE 09-08-96

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 21

TOTAL TOOL 43

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single 1 Total 31

TOTAL ASSEMBLY 74

D.C. ABOVE TOOLS.Stands9 Single Total 545

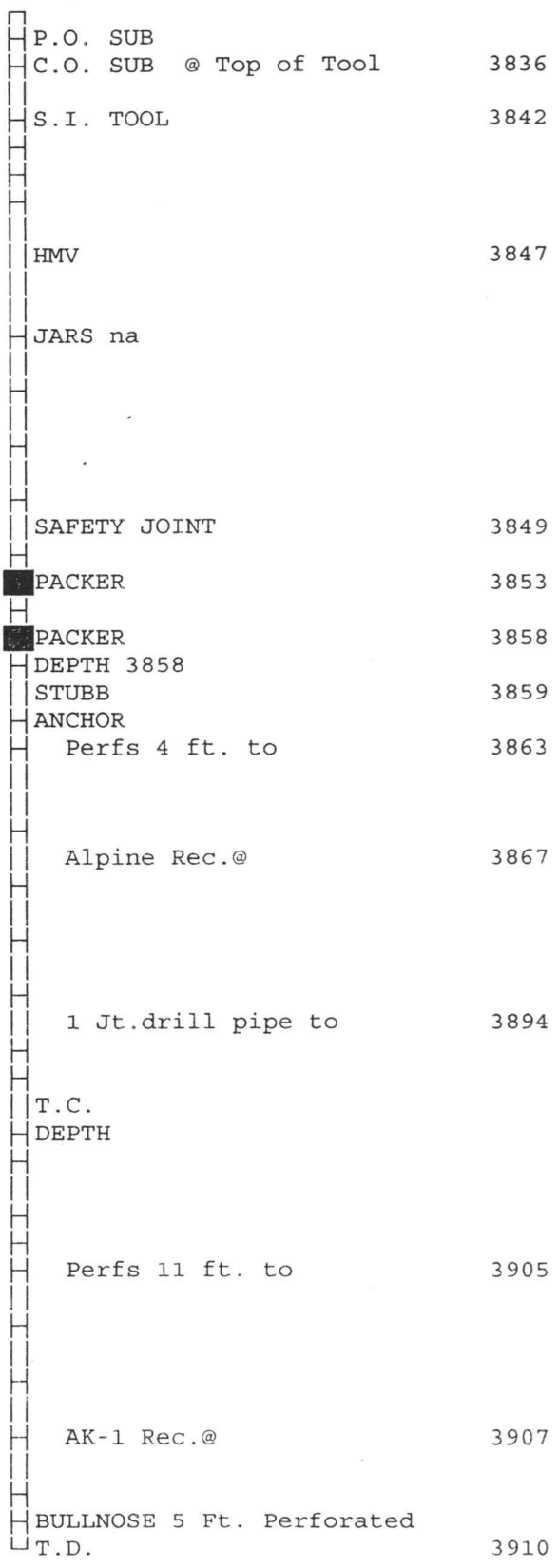
D.P. ABOVE TOOLS.Stands54 Single Total 3320

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3939

TOTAL DEPTH 3910

TOTAL DRILL PIPE ABOVE K.B. 29

REMARKS:



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 9454

Well Name & No. #1 ADE Test No. #2 Date 9/8/96

Company American Discovery Energy / Argent Zone Tested Marmaton

Address 1105 main #810 / Wichita Ks 67202-3745 Elevation 1910 KB 1902 GL

Co. Rep / Geo. Brad Rine Cont. Sterling Drlg. #4 Est. Ft. of Pay 5' Por. 10 %

Location: Sec. 31 Twp. 24S Rge. 12W Co. Stafford State Ks

No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3858 - 3910

Anchor Length 52'

Top Packer Depth 3853

Bottom Packer Depth 3858

Total Depth 3910

Mud Wt. 9.0 LCM 0 Vis. 43 WL 8.8cc

Initial Str Wt./Lbs. 68,000 Unseated Str Wt./Lbs 68,000

Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 78,000

Tool Weight 2100

Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓

Wt. Pipe Run None Drill Collar Run 545'

Drill Pipe Size 4½ XH Ft. Run 3320

Blow Description IF: Weak blow. ¼" - ½" in 42"

FF: Very Weak blow. Dead in 12 mins.

Recovery — Total Feet 15 FLUID GIP ~ Ft. in DC 15 Ft. in DP ~

Rec. 15	Feet Of Drlg. Mud.	%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
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT 109 °F Gravity N/A °API D@ ~ °F Corrected Gravity N/A °API

RW N.C. @ ~ °F Chlorides 7,000 ppm Recovery Chlorides 7,000 ppm System

	AK-1	ALPINE			
(A) Initial Hydrostatic Mud	1876	1911	PSI	Recorder No. 2342	T-Started 1326
(B) First Initial Flow Pressure	50	22	PSI	(depth) 3867'	T-Open 1505
(C) First Final Flow Pressure	50	27	PSI	Recorder No. 10248	T-Pulled 1705
(D) Initial Shut-in Pressure	78	57	PSI	(depth) 3907'	T-Out 1910
(E) Second Initial Flow Pressure	50	23	PSI	Recorder No. ~	
(F) Second Final Flow Pressure	50	24	PSI	(depth) ~	
(G) Final Shut-in Pressure	60	31	PSI	Initial Opening 30	Test ✓ 600
(H) Final Hydrostatic Mud	1821	1834	PSI	Initial Shut-in 45	Jars
				Final Flow 15	Safety Joint ✓ 50
				Final Shut-in 30	Straddle
					Circ. Sub
					Sampler
					Extra Packer
					Elect. Rec. ✓ 150
					Other
					TOTAL PRICE $ ✓ 800.00

5

D

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 Alan T. Whitefield

Our Representative Tony Pumbleau

TRILOBITE TESTING L.L.C.

OPERATOR : Am. Discovery / Argent — DATE 09-09-96
WELL NAME: ADE #1 — KB 1910.00 ft — TICKET NO: 9455 — DST #3
LOCATION : 31-24S-12W, Stafford KS — GR 1902.00 ft — FORMATION: Arbuckle
INTERVAL : 4134.00 To 4153.00 ft — TD 4153.00 ft — TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 15	Rec.	10248	10248	2342		
SI 30	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0
SF 15	Clock(hrs)	12	12	Alpin		
FS 30	Depth(ft)	4150.0	4150.0	4139.0	0.0	0.0

TIME DATA----------
PF Fr. 1840 to 1855 hr
IS Fr. 1855 to 1925 hr
SF Fr. 1925 to 1940 hr
FS Fr. 1940 to 2010 hr

	Field	1	2	3	4
A. Init Hydro	2014.0	2089.0	2085.0	0.0	0.0
B. First Flow	57.0	39.0	19.0	0.0	0.0
B1. Final Flow	57.0	39.0	18.0	0.0	0.0
C. In Shut-in	57.0	39.0	14.0	0.0	0.0
D. Init Flow	57.0	39.0	13.0	0.0	0.0
E. Final Flow	57.0	39.0	11.0	0.0	0.0
F. Fl Shut-in	57.0	39.0	13.0	0.0	0.0
G. Final Hydro	1986.0	1960.0	1975.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 1702 hr
T ON BOTM 1836 hr
T OPEN 1840 hr
T PULLED 2011 hr
T OUT 2215 hr

RECOVERY
Tot Fluid 1.00 ft of 1.00 ft in DC and 0.00 ft in DP
1.00 ft of Drilling mud

5.00 ft of Pay (est)

TOOL DATA----------

Tool Wt.	2100.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	80000.00 lbs
Initial Str Wt	68000.00 lbs
Unseated Str Wt	68000.00 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	545.00 ft
D.P. Length	3600.00 ft

SALINITY 7500.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA----------

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	50.00 S/L
W.L.	8.80 in3
F.C.	0.20 in
Mud Drop	N
Amt. of fill	0.00 ft
Btm. H. Temp.	114.00 F
Hole Condition	Good
% Porosity	10.00
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.	Brad Rine
Contr.	Sterling
Rig #	4
Unit #	
Pump T.	

BLOW DESCRIPTION
Initial Flow -
Very weak blow, dead in 10 mins.

Final Flow -
No blow

SAMPLES: none
SENT TO:

Test Successful: Y

TEST HISTORY

9455 DST#3 ADE#1 AMERICAN DISCOVERY ENERGY/ARGENT ENERGY

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2085.09
B:	0.00	18.54
C:	16.00	18.12
D:	29.00	13.67
E:	0.00	12.83
F:	15.00	11.49
G:	30.00	13.42
Q:	0.00	1974.65

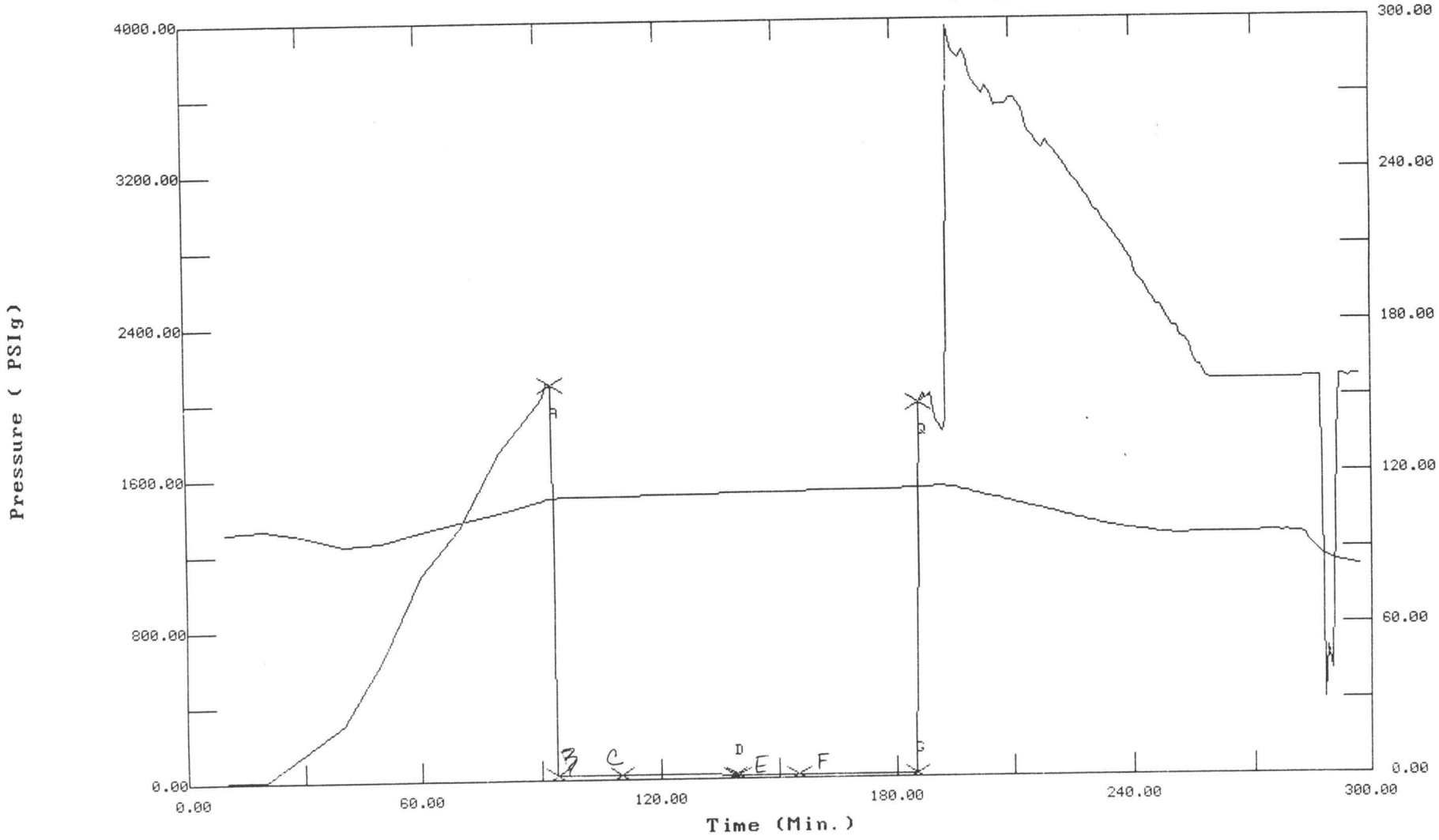
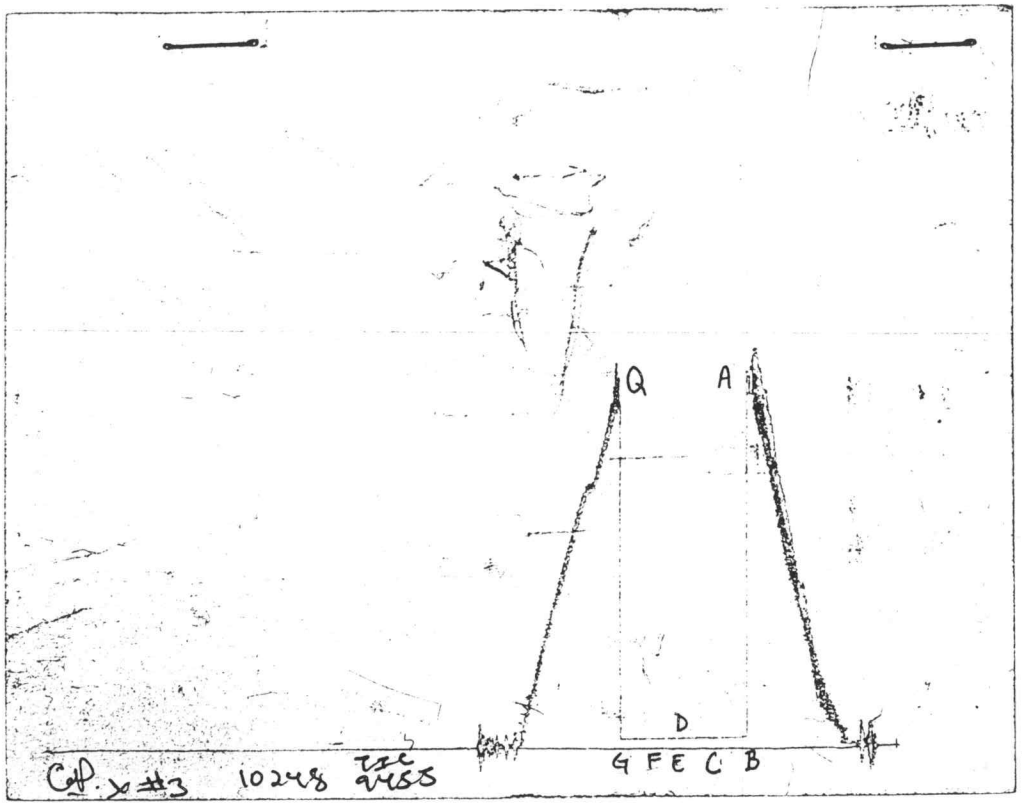


CHART PAGE



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

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9455 DST#3 ADE#1 AMERICAN DISCOVERY ENERGY/ARGENT ENERGY

DATE: 09/09/96 TIME: 17:02:39

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	93.00	2085.1	0.0	111.61		
***** Start Flow 1	0.00	18.5	0.0	111.75		
	1.00	18.7	0.2	111.85		
	2.00	18.9	0.3	111.90		
	3.00	18.9	0.3	111.92		
	4.00	19.0	0.5	111.93		
	5.00	19.0	0.5	111.95		
	6.00	19.0	0.5	111.96		
	7.00	19.1	0.6	111.98		
	8.00	19.2	0.7	112.00		
	9.00	19.2	0.7	112.03		
	10.00	19.1	0.6	112.06		
	11.00	19.3	0.8	112.08		
	12.00	19.3	0.8	112.11		
	13.00	19.3	0.8	112.14		
	14.00	19.2	0.7	112.17		
	15.00	19.2	0.7	112.20		
***** End Flow 1	16.00	18.1	-0.4	112.24		
***** Start Shutin 1	0.00	18.1	0.0	112.24	0.0000	0.000
	1.00	18.5	0.3	112.27	17.0000	0.000
	2.00	18.7	0.6	112.30	9.0000	0.000
	3.00	18.8	0.7	112.32	6.3333	0.000
	4.00	19.0	0.9	112.36	5.0000	0.000
	5.00	19.3	1.2	112.39	4.2000	0.000
	6.00	19.4	1.3	112.42	3.6667	0.000
	7.00	19.7	1.6	112.45	3.2857	0.000
	8.00	19.9	1.8	112.49	3.0000	0.000
	9.00	20.1	2.0	112.51	2.7778	0.000
	10.00	20.4	2.3	112.55	2.6000	0.000
	11.00	20.6	2.5	112.58	2.4545	0.000
	12.00	20.8	2.7	112.61	2.3333	0.000
	13.00	21.0	2.9	112.64	2.2308	0.000
	14.00	21.1	3.0	112.67	2.1429	0.000
	15.00	21.5	3.4	112.70	2.0667	0.000
	16.00	21.6	3.5	112.73	2.0000	0.000
	17.00	21.6	3.5	112.76	1.9412	0.000
	18.00	20.9	2.8	112.79	1.8889	0.000
	19.00	20.2	2.1	112.82	1.8421	0.000
	20.00	19.9	1.8	112.85	1.8000	0.000
	21.00	19.9	1.8	112.88	1.7619	0.000
	22.00	20.0	1.8	112.91	1.7273	0.000
	23.00	19.8	1.7	112.94	1.6957	0.000
	24.00	19.9	1.8	112.97	1.6667	0.000
	25.00	19.7	1.6	113.00	1.6400	0.000
	26.00	13.8	-4.3	113.03	1.6154	0.000
	27.00	13.8	-4.4	113.06	1.5926	0.000
	28.00	13.7	-4.4	113.09	1.5714	0.000
****** End Shut-in 1	29.00	13.7	-4.4	113.11	1.5517	0.000
****** Start Flow 2	0.00	12.8	0.0	113.14		
	1.00	12.9	0.1	113.17		
	2.00	13.0	0.2	113.20		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9455 DST#3 ADE#1 AMERICAN DISCOVERY ENERGY/ARGENT ENERGY

DATE: 09/09/96 TIME: 17:02:39

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	3.00	13.3	0.4	113.23		
	4.00	13.3	0.4	113.25		
	5.00	13.3	0.5	113.28		
	6.00	13.2	0.3	113.31		
	7.00	13.1	0.3	113.34		
	8.00	13.0	0.2	113.36		
	9.00	13.0	0.2	113.39		
	10.00	13.0	0.2	113.42		
	11.00	13.0	0.2	113.45		
	12.00	12.9	0.1	113.47		
	13.00	12.9	0.1	113.50		
	14.00	12.8	0.0	113.53		
****** End Flow 2	15.00	11.5	-1.3	113.55		
****** Start Shutin 2	0.00	11.5	0.0	113.55	0.0000	0.000
	1.00	11.7	0.3	113.58	32.0000	0.000
	2.00	12.0	0.5	113.60	16.5000	0.000
	3.00	12.1	0.6	113.63	11.3333	0.000
	4.00	12.2	0.7	113.66	8.7500	0.000
	5.00	12.4	0.9	113.68	7.2000	0.000
	6.00	12.5	1.0	113.71	6.1667	0.000
	7.00	12.7	1.3	113.74	5.4286	0.000
	8.00	12.9	1.4	113.76	4.8750	0.000
	9.00	13.1	1.6	113.79	4.4444	0.000
	10.00	13.1	1.6	113.81	4.1000	0.000
	11.00	13.1	1.6	113.84	3.8182	0.000
	12.00	13.3	1.8	113.86	3.5833	0.000
	13.00	13.5	2.0	113.89	3.3846	0.000
	14.00	13.6	2.1	113.91	3.2143	0.000
	15.00	13.7	2.2	113.93	3.0667	0.000
	16.00	13.9	2.4	113.96	2.9375	0.000
	17.00	13.9	2.4	113.99	2.8235	0.000
	18.00	14.0	2.5	114.00	2.7222	0.000
	19.00	14.0	2.5	114.03	2.6316	0.000
	20.00	13.8	2.4	114.05	2.5500	0.000
	21.00	13.7	2.2	114.08	2.4762	0.000
	22.00	13.7	2.2	114.10	2.4091	0.000
	23.00	13.7	2.2	114.12	2.3478	0.000
	24.00	13.6	2.1	114.15	2.2917	0.000
	25.00	13.5	2.0	114.17	2.2400	0.000
	26.00	13.5	2.0	114.20	2.1923	0.000
	27.00	13.5	2.0	114.21	2.1481	0.000
	28.00	13.5	2.0	114.24	2.1071	0.000
	29.00	13.5	2.0	114.26	2.0690	0.000
****** End Shut-in 2	30.00	13.4	1.9	114.29	2.0333	0.000
****** Final Hydro.	186.00	1974.6	0.0	114.55		

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: ADE #1

LOCATION : 31-24S-12W

TICKET No. 9455 D.S.T. No. 3 DATE 09-09-96

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 19

TOTAL TOOL 41

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 41

D.C. ABOVE TOOLS.Stands9 Single Total 545

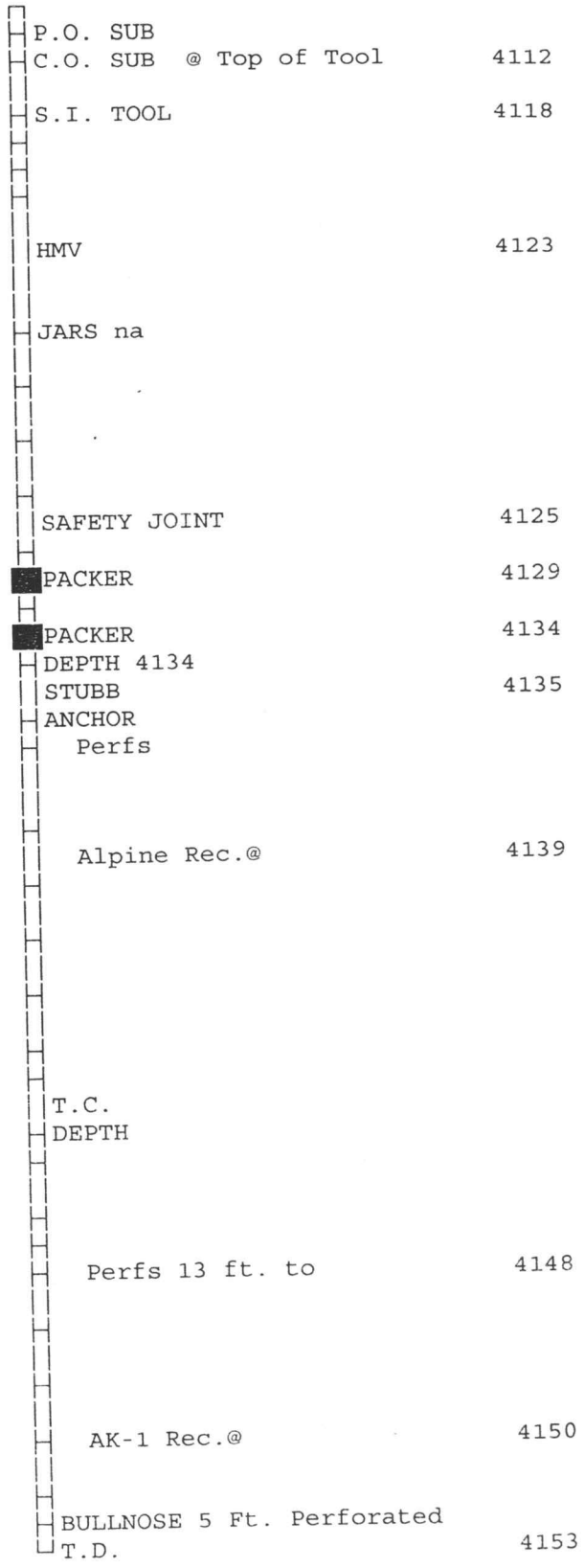
D.P. ABOVE TOOLS.Stands58 Single 1 Total 3600

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4186

TOTAL DEPTH 4153

TOTAL DRILL PIPE ABOVE K.B. 33

REMARKS:



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 9455

Well Name & No. #1 ADE Test No. #3 Date 9/9/96

Company American Discovery Energy/Argent Zone Tested Arbuckle

Address 110 S main #810 / Wichita Ks 67202-3745 Elevation 1910 KB 1902 GL

Co. Rep / Geo. Brad Rine Cont. Sterling Drlg. #4 Est. Ft. of Pay 5' Por. 10 %

Location: Sec. 31 Twp. 24S Rge. 12W Co. Stafford State Ks

No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4134 - 4153 Initial Str Wt./Lbs. 68,000 Unseated Str Wt./Lbs 68,000

Anchor Length 19' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 70,000

Top Packer Depth 4129 Tool Weight 2100

Bottom Packer Depth 4134 Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓

Total Depth 4153 Wt. Pipe Run NONE Drill Collar Run 545'

Mud Wt. 9.0 LCM 0 Vis. 50 WL 8.8 Drill Pipe Size 4½XH Ft. Run 3600

Blow Description IF: Very Weak blow, dead in 10 mins

FF: No blow

Recovery — Total Feet 1 GIP ~ Ft. in DC 1 Ft. in DP ~

Rec. 1 Feet Of Drlg. Mud.	%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
Rec. _____ Feet Of _____	%gas	%oil	%water	%mud

BHT 114 °F Gravity N/A °API D@ ~ °F Corrected Gravity N/A °API

RW N.R. @ ~ °F Chlorides 7,500 ppm Recovery Chlorides 7,500 ppm System

(A) Initial Hydrostatic Mud	2014	2085	PSI	Recorder No.	2342	T-Started 1702
(B) First Initial Flow Pressure	59	19	PSI	(depth)	4139'	T-Open 1840
(C) First Final Flow Pressure	57	18	PSI	Recorder No.	10248	T-Pulled 2011
(D) Initial Shut-in Pressure	57	14	PSI	(depth)	4150'	T-Out 2215
(E) Second Initial Flow Pressure	57	13	PSI	Recorder No.	~	
(F) Second Final Flow Pressure	57	11	PSI	(depth)	~	
(G) Final Shut-in Pressure	57	13	PSI	Initial Opening	15	Test ✓ 600
(H) Final Hydrostatic Mud	1986 AK-1	1975 ALPINE	PSI	Initial Shut-in	30	Jars _____
				Final Flow	15	Safety Joint ✓ 50
				Final Shut-in	30	Straddle _____
						Circ. Sub _____
						Sampler _____
						Extra Packer _____
						Elect. Rec. ✓ 150
						Other _____
						TOTAL PRICE $ ✓ 800.00

5

D

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 Brad Rine

Our Representative Gary Thompson

TRILOBITE TESTING L.L.C.

OPERATOR : Am. Discovery / Argent
WELL NAME: ADE #1
LOCATION : 31-24S-12W, Stafford KS
INTERVAL : 3867.00 To 3944.00 ft

DATE 09-10-96
KB 1910.00 ft
GR 1902.00 ft
TD 4225.00 ft

TICKET NO: 9456 DST #4
FORMATION: Stray Sand
TEST TYPE: CONV.STRADDLE

RECORDER DATA

Mins			Field	1	2	3	4
PF	30	Rec.	10248	10248	2350	13788	
SI	45	Range(Psi)	4400.0	4400.0	4995.0	4650.0	0.0
SF	60	Clock(hrs)	12	12	Alpin	12	
FS	75	Depth(ft)	3931.0	3931.0	3878.0	4222.0	0.0

TIME DATA----------
PF Fr. 2250 to 2320 hr
IS Fr. 2320 to 0005 hr
SF Fr. 0005 to 0105 hr
FS Fr. 0105 to 0220 hr

	Field	1	2	3	4
A. Init Hydro	2012.0	2043.0	2048.0	2247.0	0.0
B. First Flow	89.0	100.0	52.0	0.0	0.0
B1. Final Flow	116.0	130.0	116.0	0.0	0.0
C. In Shut-in	586.0	577.0	582.0	0.0	0.0
D. Init Flow	159.0	153.0	124.0	0.0	0.0
E. Final Flow	184.0	173.0	151.0	0.0	0.0
F. Fl Shut-in	955.0	951.0	957.0	0.0	0.0
G. Final Hydro	1903.0	1905.0	1896.0	2205.0	0.0
Inside/Outside	O	O	I	T	

T STARTED 2042 hr
T ON BOTM 2246 hr
T OPEN 2250 hr
T PULLED 0220 hr
T OUT 0540 hr

RECOVERY
Tot Fluid 250.00 ft of 250.00 ft in DC and 0.00 ft in DP
1590.00 ft of Gas in Pipe
70.00 ft of Gassy mud with oil specks - 15% gas, 85% mud
60.00 ft of Gassy oil cut mud - 25% gas, 10% oil, 65% mud
120.00 ft of Gassy oil cut mud - 25% gas, 30% oil, 45% mud

6.00 ft of Pay (est)

SALINITY 11000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION
Initial Flow -
Strong blow, bottom of bucket in 19min

Initial Shutin -
.25" - .5" in water

Final Flow -
Strong blow, bottom of bucket in 10 -
15 secs

Final Shutin -
.5" - 3" in water

SAMPLES: none
SENT TO:

TOOL DATA----------

Tool Wt.	2100.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	100000.00 lbs
Initial Str Wt	70000.00 lbs
Unseated Str Wt	71000.00 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	545.00 ft
D.P. Length	3322.00 ft

MUD DATA----------

Mud Type	Chemical
Weight	9.00 lb/cf
Vis.	53.00 S/L
W.L.	10.40 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	109.00 F
Hole Condition	Good
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	3
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Brad Rine
Contr.	Sterling
Rig #	4
Unit #	
Pump T.	

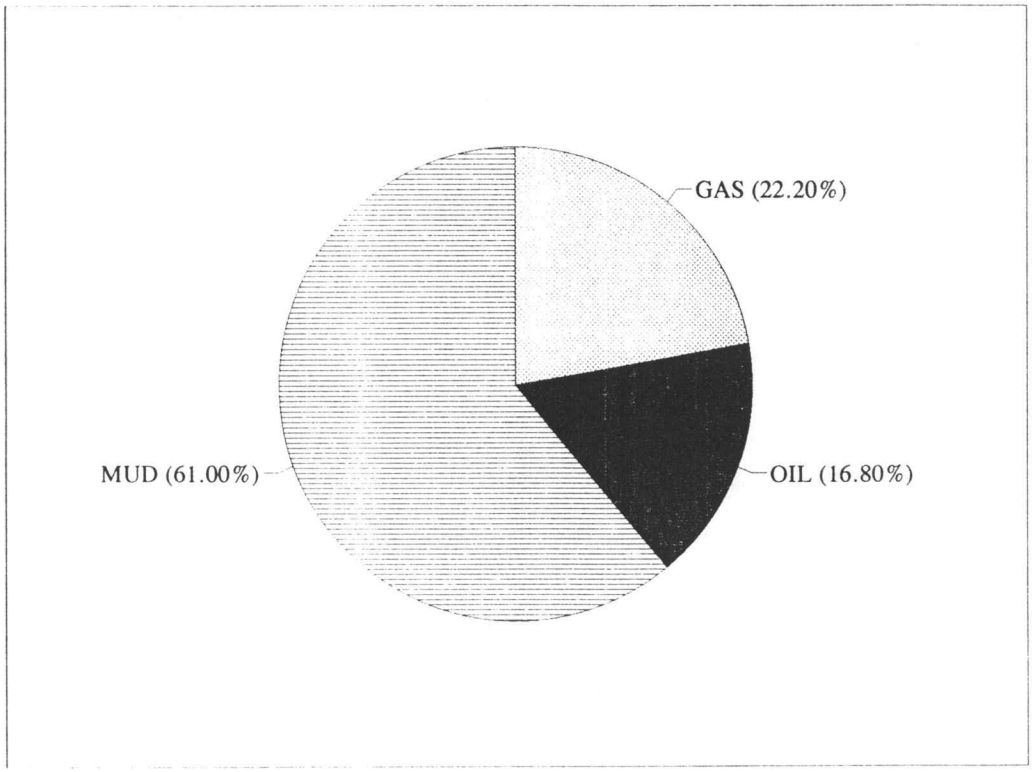
Test Successful: Y

CALCULATED RECOVERY ANALYSIS - DRILL COLLARS

DST 4 TICKET 9456

SAMPLE #	TOTAL FEET	GAS %	GAS FEET	OIL %	OIL FEET	WATER %	WATER FEET	MUD %	MUD FEET
1	70	15	10.5		0		0	85	59.5
2	60	25	15	10	6		0	65	39
3	120	25	30	30	36	15	18	45	54
4			0		0		0		0
5			0		0		0		0
6			0		0		0		0
TOTAL	250		55.5		42		18		152.5

			HRS OPEN		BBL/DAY
BBL OIL=	0.20538	*	1.5	=	3.28608
BBL WATER=	0.08802	*		=	1.40832
BBL MUD=	0.74573				
BBL GAS =	0.2714				



TEST HISTORY

9456 DST#4 ADE#1 AMERICAN DISC.ENERGY/ARGENT

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2048.42
B:	0.00	52.45
C:	29.00	115.56
D:	44.00	582.37
E:	0.00	124.46
F:	59.00	150.73
G:	75.00	956.85
Q:	0.00	1895.75

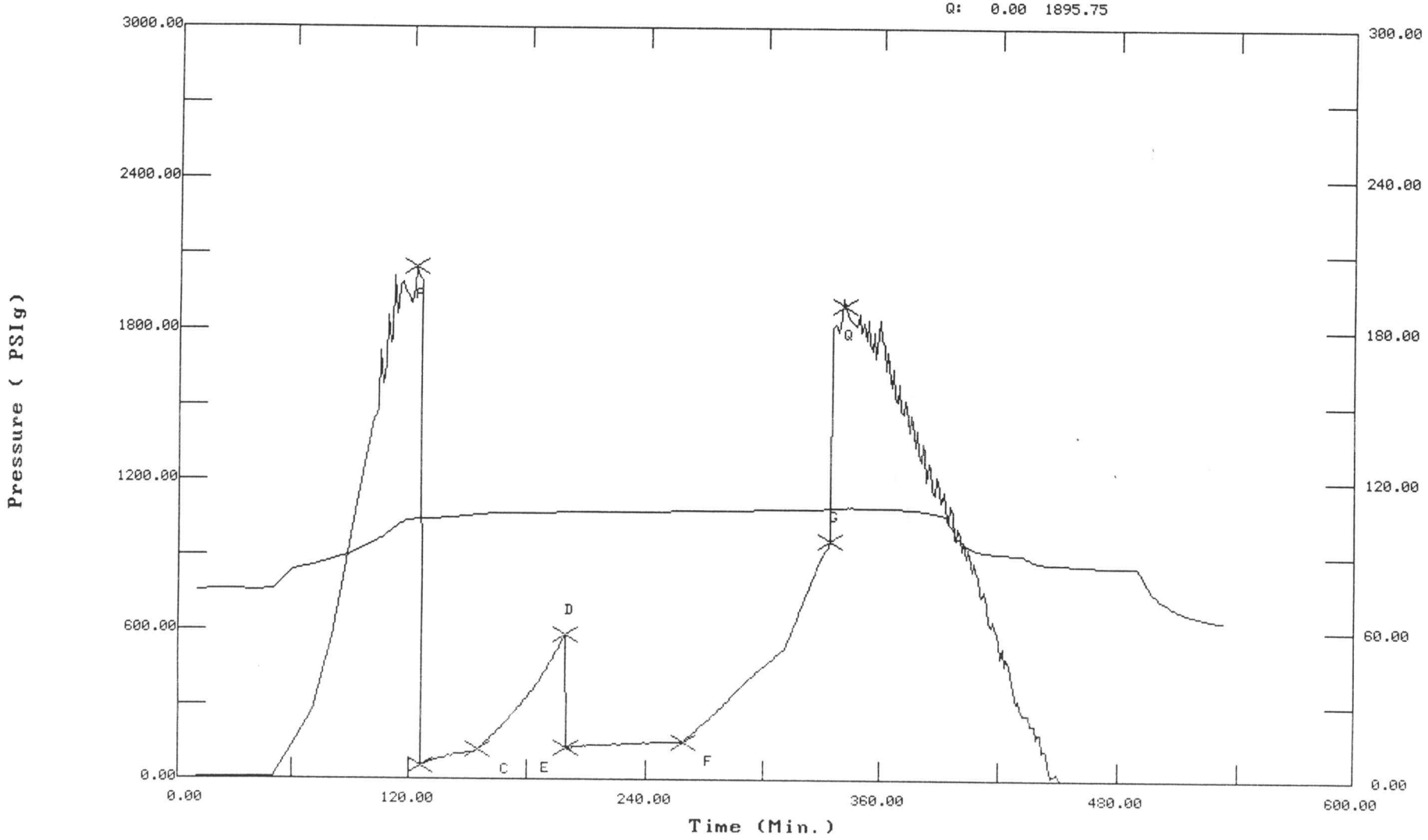
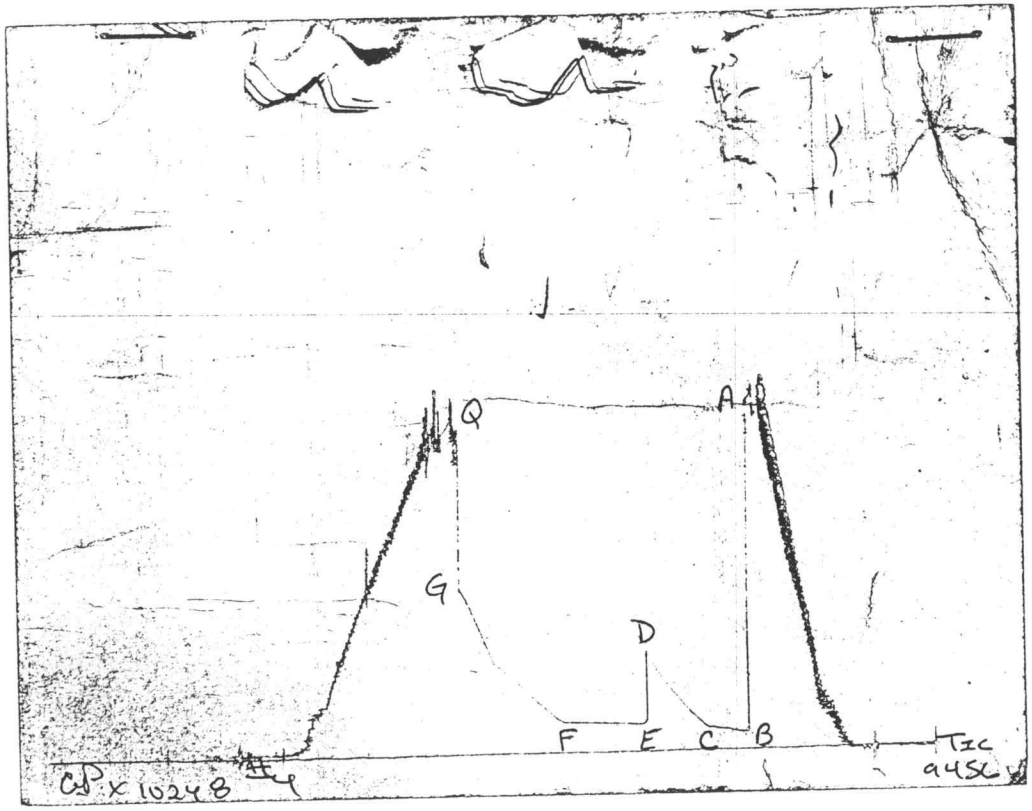
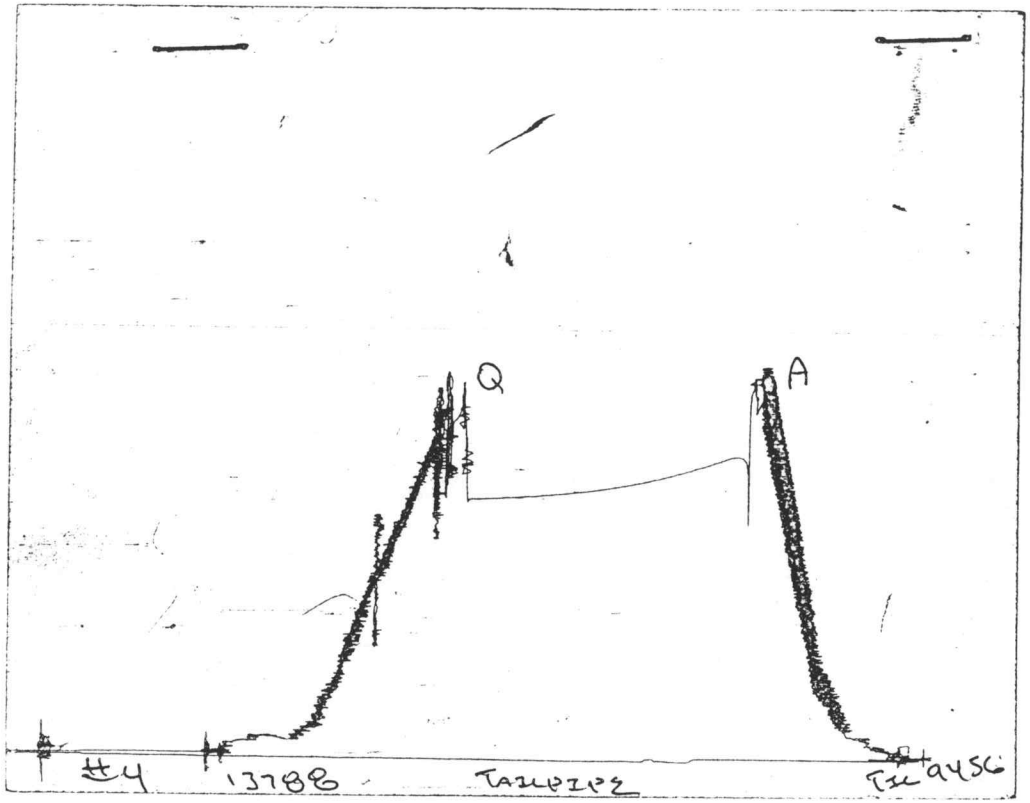


CHART PAGE



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: 9456 DST#4 ADE#1 AMERICAN DISC.ENERGY/ARGENT

DATE: 09/10/96 TIME: 20:42:54

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	122.00	2048.4	0.0	104.11		
***** Start Flow 1	0.00	52.4	0.0	104.33		
	1.00	57.5	5.0	104.33		
	2.00	60.7	8.2	104.30		
	3.00	62.8	10.3	104.29		
	4.00	65.8	13.3	104.29		
	5.00	68.1	15.6	104.29		
	6.00	72.0	19.6	104.31		
	7.00	74.6	22.2	104.36		
	8.00	78.1	25.7	104.42		
	9.00	82.1	29.6	104.51		
	10.00	83.3	30.9	104.61		
	11.00	84.6	32.1	104.70		
	12.00	84.6	32.1	104.77		
	13.00	90.2	37.8	104.85		
	14.00	94.2	41.7	104.92		
	15.00	89.9	37.4	105.01		
	16.00	93.2	40.8	105.07		
	17.00	97.9	45.5	105.14		
	18.00	97.9	45.4	105.18		
	19.00	98.5	46.1	105.23		
	20.00	99.4	46.9	105.27		
	21.00	101.5	49.1	105.29		
	22.00	102.6	50.2	105.35		
	23.00	103.8	51.4	105.48		
	24.00	105.8	53.4	105.61		
	25.00	106.4	54.0	105.75		
	26.00	107.6	55.1	105.87		
	27.00	108.7	56.2	105.98		
	28.00	110.0	57.6	106.08		
****** End Flow 1	29.00	115.6	63.1	106.16		
****** Start Shutin 1	0.00	115.6	0.0	106.16	0.0000	0.013
	1.00	124.0	8.4	106.23	30.0000	0.015
	2.00	132.2	16.6	106.30	15.5000	0.017
	3.00	140.3	24.8	106.35	10.6667	0.020
	4.00	148.0	32.5	106.39	8.2500	0.022
	5.00	156.1	40.5	106.43	6.8000	0.024
	6.00	164.1	48.5	106.47	5.8333	0.027
	7.00	172.1	56.6	106.50	5.1429	0.030
	8.00	180.3	64.7	106.52	4.6250	0.032
	9.00	188.4	72.8	106.55	4.2222	0.035
	10.00	196.6	81.1	106.57	3.9000	0.039
	11.00	204.9	89.3	106.60	3.6364	0.042
	12.00	213.3	97.7	106.61	3.4167	0.045
	13.00	221.6	106.1	106.63	3.2308	0.049
	14.00	230.3	114.7	106.65	3.0714	0.053
	15.00	238.9	123.3	106.66	2.9333	0.057
	16.00	247.7	132.1	106.67	2.8125	0.061
	17.00	256.6	141.0	106.69	2.7059	0.066
	18.00	265.6	150.1	106.71	2.6111	0.071
	19.00	274.9	159.3	106.71	2.5263	0.076

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 9456 DST#4 ADE#1 AMERICAN DISC.ENERGY/ARGENT
DATE: 09/10/96 TIME: 20:42:54

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	20.00	284.2	168.6	106.72	2.4500	0.081
	21.00	293.7	178.1	106.73	2.3810	0.086
	22.00	303.4	187.8	106.76	2.3182	0.092
	23.00	313.3	197.7	106.77	2.2609	0.098
	24.00	323.3	207.7	106.78	2.2083	0.105
	25.00	333.6	218.0	106.79	2.1600	0.111
	26.00	344.1	228.5	106.80	2.1154	0.118
	27.00	354.8	239.2	106.83	2.0741	0.126
	28.00	365.8	250.3	106.83	2.0357	0.134
	29.00	377.0	261.4	106.85	2.0000	0.142
	30.00	388.6	273.0	106.86	1.9667	0.151
	31.00	400.2	284.7	106.88	1.9355	0.160
	32.00	412.3	296.8	106.89	1.9062	0.170
	33.00	424.6	309.0	106.90	1.8788	0.180
	34.00	437.3	321.7	106.93	1.8529	0.191
	35.00	450.2	334.6	106.94	1.8286	0.203
	36.00	463.5	348.0	106.95	1.8056	0.215
	37.00	477.2	361.6	106.98	1.7838	0.228
	38.00	491.1	375.6	106.99	1.7632	0.241
	39.00	505.3	389.8	107.00	1.7436	0.255
	40.00	519.8	404.3	107.02	1.7250	0.270
	41.00	534.8	419.2	107.04	1.7073	0.286
	42.00	550.3	434.7	107.05	1.6905	0.303
	43.00	566.2	450.6	107.07	1.6744	0.321
****** End Shut-in 1	44.00	582.4	466.8	107.09	1.6591	0.339
****** Start Flow 2	0.00	124.5	0.0	107.09		
	1.00	125.2	0.8	107.09		
	2.00	118.4	-6.0	107.07		
	3.00	127.1	2.6	107.06		
	4.00	130.1	5.6	107.06		
	5.00	128.5	4.0	107.08		
	6.00	129.7	5.3	107.09		
	7.00	131.5	7.0	107.12		
	8.00	132.3	7.9	107.16		
	9.00	133.1	8.6	107.18		
	10.00	132.2	7.7	107.20		
	11.00	133.2	8.7	107.22		
	12.00	133.4	8.9	107.24		
	13.00	134.9	10.5	107.28		
	14.00	134.4	10	107.28		
	15.00	134.5	10.1	107.30		
	16.00	134.9	10.5	107.31		
	17.00	134.5	10.1	107.33		
	18.00	137.3	12.8	107.34		
	19.00	135.5	11.1	107.34		
	20.00	136.1	11.7	107.35		
	21.00	137.0	12.6	107.36		
	22.00	136.6	12.2	107.37		
	23.00	138.0	13.5	107.37		
	24.00	139.0	14.5	107.38		
	25.00	138.8	14.4	107.38		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9456 DST#4 ADE#1 AMERICAN DISC.ENERGY/ARGENT

DATE: 09/10/96 TIME: 20:42:54

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	26.00	137.7	13.3	107.39		
	27.00	138.2	13.8	107.39		
	28.00	138.9	14.4	107.40		
	29.00	140.2	15.8	107.41		
	30.00	139.9	15.4	107.42		
	31.00	141.2	16.7	107.42		
	32.00	141.3	16.9	107.42		
	33.00	141.6	17.1	107.43		
	34.00	141.9	17.5	107.44		
	35.00	142.0	17.5	107.45		
	36.00	142.2	17.7	107.45		
	37.00	142.3	17.9	107.46		
	38.00	143.6	19.1	107.47		
	39.00	145.0	20.6	107.47		
	40.00	142.7	18.2	107.48		
	41.00	143.4	19.0	107.50		
	42.00	143.9	19.5	107.51		
	43.00	145.1	20.6	107.51		
	44.00	146.4	22.0	107.52		
	45.00	146.2	21.7	107.53		
	46.00	146.0	21.6	107.54		
	47.00	147.1	22.7	107.55		
	48.00	147.5	23.0	107.55		
	49.00	146.9	22.4	107.58		
	50.00	148.4	23.9	107.58		
	51.00	147.8	23.3	107.59		
	52.00	149.3	24.8	107.60		
	53.00	148.9	24.4	107.62		
	54.00	149.0	24.5	107.62		
	55.00	148.6	24.2	107.63		
	56.00	150.6	26.1	107.64		
	57.00	149.6	25.2	107.65		
	58.00	149.6	25.1	107.67		
****** End Flow 2	59.00	150.7	26.3	107.67		
****** Start Shutin 2	0.00	150.7	0.0	107.67	0.0000	0.023
	1.00	158.3	7.6	107.68	89.0000	0.025
	2.00	165.7	15.0	107.69	45.0000	0.027
	3.00	172.5	21.8	107.70	30.3333	0.030
	4.00	179.3	28.5	107.72	23.0000	0.032
	5.00	185.8	35.1	107.73	18.6000	0.035
	6.00	192.4	41.7	107.75	15.6667	0.037
	7.00	199.2	48.4	107.76	13.5714	0.040
	8.00	205.7	55.0	107.77	12.0000	0.042
	9.00	212.4	61.7	107.79	10.7778	0.045
	10.00	219.1	68.4	107.81	9.8000	0.048
	11.00	226.2	75.5	107.83	9.0000	0.051
	12.00	233.1	82.4	107.84	8.3333	0.054
	13.00	240.3	89.6	107.85	7.7692	0.058
	14.00	247.6	96.9	107.87	7.2857	0.061
	15.00	255.0	104.3	107.89	6.8667	0.065
	16.00	262.6	111.9	107.90	6.5000	0.069

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9456 DST#4 ADE#1 AMERICAN DISC.ENERGY/ARGENT

DATE: 09/10/96 TIME: 20:42:54

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
17.00	270.6	119.8	107.92	6.1765	0.073
18.00	278.3	127.6	107.94	5.8889	0.077
19.00	286.2	135.5	107.95	5.6316	0.082
20.00	294.2	143.4	107.96	5.4000	0.087
21.00	302.2	151.5	107.99	5.1905	0.091
22.00	310.4	159.6	108.00	5.0000	0.096
23.00	318.7	168.0	108.02	4.8261	0.102
24.00	327.0	176.2	108.03	4.6667	0.107
25.00	335.4	184.6	108.05	4.5200	0.112
26.00	343.6	192.9	108.07	4.3846	0.118
27.00	351.8	201.1	108.08	4.2593	0.124
28.00	360.0	209.2	108.09	4.1429	0.130
29.00	368.3	217.5	108.11	4.0345	0.136
30.00	376.6	225.8	108.13	3.9333	0.142
31.00	384.3	233.6	108.15	3.8387	0.148
32.00	392.0	241.3	108.16	3.7500	0.154
33.00	399.3	248.6	108.18	3.6667	0.159
34.00	406.3	255.6	108.19	3.5882	0.165
35.00	413.1	262.4	108.20	3.5143	0.171
36.00	420.4	269.7	108.22	3.4444	0.177
37.00	427.4	276.7	108.23	3.3784	0.183
38.00	434.5	283.8	108.24	3.3158	0.189
39.00	441.5	290.7	108.25	3.2564	0.195
40.00	448.3	297.6	108.27	3.2000	0.201
41.00	454.6	303.9	108.29	3.1463	0.207
42.00	461.3	310.6	108.30	3.0952	0.213
43.00	468.0	317.2	108.32	3.0465	0.219
44.00	474.4	323.6	108.33	3.0000	0.225
45.00	480.7	330.0	108.34	2.9556	0.231
46.00	487.2	336.5	108.35	2.9130	0.237
47.00	493.5	342.8	108.37	2.8723	0.244
48.00	499.7	349.0	108.39	2.8333	0.250
49.00	506.3	355.6	108.40	2.7959	0.256
50.00	512.4	361.6	108.41	2.7600	0.263
51.00	518.0	367.3	108.43	2.7255	0.268
52.00	527.5	376.8	108.44	2.6923	0.278
53.00	548.5	397.7	108.46	2.6604	0.301
54.00	568.4	417.7	108.47	2.6296	0.323
55.00	588.3	437.6	108.49	2.6000	0.346
56.00	608.5	457.7	108.50	2.5714	0.370
57.00	628.9	478.1	108.52	2.5439	0.395
58.00	649.3	498.5	108.54	2.5172	0.422
59.00	669.8	519.1	108.55	2.4915	0.449
60.00	690.6	539.9	108.57	2.4667	0.477
61.00	711.2	560.5	108.59	2.4426	0.506
62.00	731.2	580.4	108.60	2.4194	0.535
63.00	751.3	600.6	108.64	2.3968	0.564
64.00	771.8	621.1	108.65	2.3750	0.596
65.00	791.9	641.1	108.67	2.3538	0.627
66.00	811.5	660.8	108.69	2.3333	0.659
67.00	830.6	679.9	108.70	2.3134	0.690

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9456 DST#4 ADE#1 AMERICAN DISC.ENERGY/ARGENT

DATE: 09/10/96 TIME: 20:42:54

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	68.00	849.7	699.0	108.78	2.2941	0.722
	69.00	868.6	717.8	108.74	2.2754	0.754
	70.00	888.8	738.1	108.76	2.2571	0.790
	71.00	904.5	753.8	108.78	2.2394	0.818
	72.00	916.7	766.0	108.81	2.2222	0.840
	73.00	929.7	778.9	108.82	2.2055	0.864
	74.00	943.3	792.5	108.84	2.1892	0.890
***** End Shut-in 2	75.00	956.9	806.1	108.86	2.1733	0.916
***** Final Hydro.	341.00	1895.8	0.0	109.35		

*** TOOL DIAGRAM *** CONV.STRADDLE

WELL NAME: ADE #1

LOCATION : 31-24S-12W, Stafford KS

TICKET No. 9456 D.S.T. No. 4 DATE 09-10-96

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL 16

BOTTOM PACKERS AND ANCHOR 281

TOTAL TOOL 319

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands 1 Single Total 61

TOTAL ASSEMBLY 380

D.C. ABOVE TOOLS.Stands9 Single Total 545

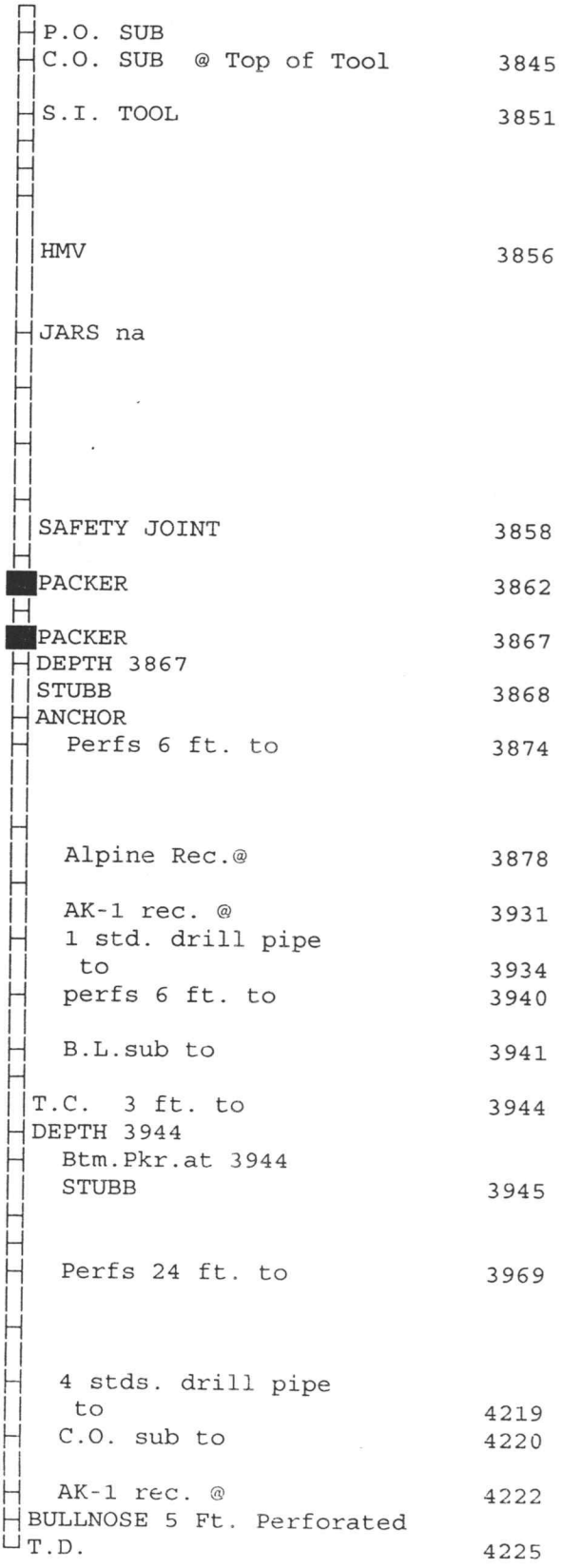
D.P. ABOVE TOOLS.Stands54 Single Total 3322

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4247

TOTAL DEPTH 4225

TOTAL DRILL PIPE ABOVE K.B. 22

REMARKS:



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

STRADDLE

No. 9456

Well Name & No. #1 ADF Test No. 4 Date 9/10/96

Company American Discovery Energy / Argent Energy Zone Tested Stray Sand

Address 110 S main #810 / Wichita, Ks 67202-3745 Elevation 1910 KB 1902 GL

Co. Rep / Geo. Brad Rine Cont. Sterling Drlg #4 Est. Ft. of Pay 6 Por. 10 %

Location: Sec. 31 Twp. 24S Rge. 12W Co. Stafford State KS

No. of Copies 5 Distribution Sheet (Y, N) No Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3867 - 3944 Initial Str Wt./Lbs. 70,000 Unseated Str Wt./Lbs. 71,000

Anchor Length 77 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs 100,000

Top Packer Depth 3862 & 3867' Tool Weight 2100

Bottom Packer Depth 3944' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓

Total Depth 4225' Wt. Pipe Run None Drill Collar Run 545'

Mud Wt. 9.0 LCM None Vis. 53 WL 10.4 Drill Pipe Size 4½ XH Ft. Run 3322

Blow Description IF: Strong Blow. Btm. of bucket in 19 mins.
ISI: ¼"-½" in H2O
FF: Strong blow. Bottom of bucket in 10-15 secs.
FSI: ½ - 3" in H2O

Recovery — Total Feet 250 FLUID GIP 1590' Ft. in DC 250 Fluid Ft. in DP —

Rec.	70	Feet Of	Cony Mud w/ oil specs.	15 ‰gas	‰oil	‰water	85	‰mud
Rec.	60	Feet Of	G.O.C.M.	25 ‰gas	10 ‰oil	~ ‰water	65	‰mud
Rec.	120	Feet Of	G.O.C.M.	25 ‰gas	30 ‰oil	‰water	45	‰mud
Rec.		Feet Of		‰gas	‰oil	‰water		‰mud
Rec.		Feet Of		‰gas	‰oil	‰water		‰mud

BHT 109 °F Gravity N/A °API D@ ~ °F Corrected Gravity N/A °API

RW N.C. @ ~ °F Chlorides 11,000 ppm Recovery Chlorides 14,000 ppm System

(A) Initial Hydrostatic Mud	2012	2048 PSI	Recorder No.	2350	T-Started	2042
(B) First Initial Flow Pressure	89	52 PSI	(depth)	3878'	T-Open	2250
(C) First Final Flow Pressure	116	116 PSI	Recorder No.	10248	T-Pulled	0220
(D) Initial Shut-in Pressure	586	582 PSI	(depth)	3931'	T-Out	0540
(E) Second Initial Flow Pressure	159	124 PSI	Recorder No.	13788		
(F) Second Final Flow Pressure	164	151 PSI	(depth)	4222'		
(G) Final Shut-in Pressure	955	957 PSI	Initial Opening	30	Test	✓ 600.00
(H) Final Hydrostatic Mud	1903	1896 PSI	Initial Shut-in	45	Jars	
	AK-1	alpine	Final Flow	60	Safety Joint	✓ 50.00
			Final Shut-in	75	Straddle	✓ 250.00
					Circ. Sub	
					Sampler	
					Extra Packer	✓ 150.00
					Elect. Rec.	✓ 150.00
					Other	
					TOTAL PRICE $	✓ 1,200.00

5 D

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Approved By Brad Rine

Our Representative Cary Pinotaris