DRILL-STEM TEST DATA

Well Name:	MLP NICEWANDER "A" 2-35				
Company :	HUGOTON ENERGY CORP				
Location - Sec:	35	**Twp:**	29S	**Rge:**	35W
County:	GRANT	**State:**	KS		
Date:	05/25/95				

TRILOBITE TESTING L.L.C.

OPERATOR : HUGOTON ENERGY CORP DATE 05/22/95
WELL NAME: MLP NICEWANDER "A" 2-35 KB 0.00 ft TICKET NO: 7865 DST #1
LOCATION : 35-29S-35W GR 0.00 ft FORMATION: "A" KC
INTERVAL : 4518.00 To 4574.00 ft TD 4574.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	13615	13615	11038		
SI 60	Range(Psi)	4575.0	4575.0	5075.0	0.0	0.0
SF 45	Clock(hrs)	30417	30417	3942		
FS 90	Depth(ft)	4524.0	4524.0	4539.0	0.0	0.0

TIME DATA----------
PF Fr. 30 to hr
IS Fr. to 1 hr
SF Fr. 45 to hr
FS Fr. to 1.5 hr

	Field	1	2	3	4
A. Init Hydro	2233.0	2254.0	0.0	0.0	0.0
B. First Flow	204.0	220.0	0.0	0.0	0.0
B1. Final Flow	388.0	395.0	0.0	0.0	0.0
C. In Shut-in	1092.0	1104.0	0.0	0.0	0.0
D. Init Flow	492.0	497.0	0.0	0.0	0.0
E. Final Flow	689.0	702.0	0.0	0.0	0.0
F. Fl Shut-in	1092.0	1101.0	0.0	0.0	0.0
G. Final Hydro	2222.0	2228.0	0.0	0.0	0.0
Inside/Outside	I	I	O		

T STARTED hr
T ON BOTM hr
T OPEN 1050 hr
T PULLED 1435 hr
T OUT hr

RECOVERY
Tot Fluid 2065.00 ft of 148.00 ft in DC and 1917.00 ft in DP
1885.00 ft of CLEAN GASSY OIL - 30% GAS, 70% OIL
180.00 ft of SALT WATER
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 61000.00 P.P.M. A.P.I. Gravity 41.30

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

Tool Wt.	0.00 lbs
Wt Set On Packer	0.00 lbs
Wt Pulled Loose	0.00 lbs
Initial Str Wt	0.00 lbs
Unseated Str Wt	0.00 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	148.00 ft
D.P. Length	0.00 ft

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

Mud Type	CHEMICAL
Weight	9.20 lb/c
Vis.	46.00 S/L
W.L.	9.20 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	0.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	TOM HORACEK
Co. Rep.	KARL OSTERBUHR
Contr.	MURFIN
Rig #	20
Unit #	
Pump T.	

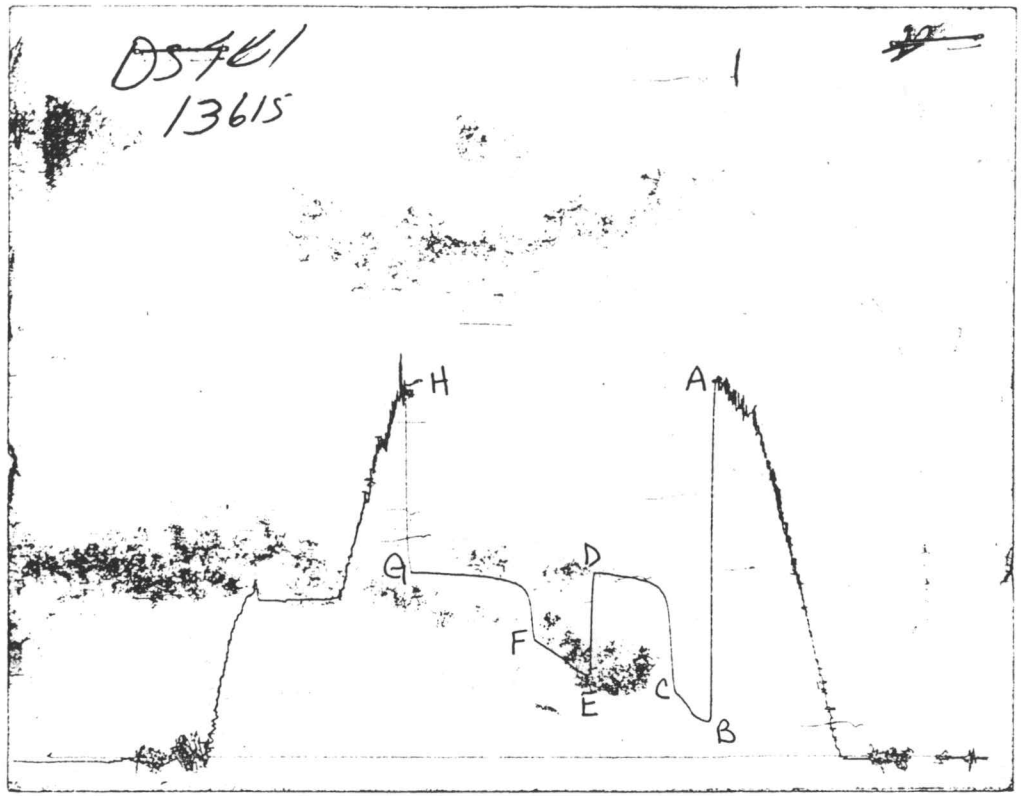
BLOW DESCRIPTION
INITIAL BLOW -
VERY STRONG BLOW, BUILT TO BOTTOM IN
1 MIN;
GAS TO SURFACE IN 15 MIN, GAUGED AT
9.18 MCF, GAS WILL BURN

FINAL BLOW -
FAIR BLOW, BUILT TO BOTTOM IN 2 MIN;
GAS TO SURFACE GAUGED AT 6.72 MCF

SAMPLES:
SENT TO:

Test Successful: Y

CHART PAGE



This is an actual photograph of an AK1 recorder chart

GAS RECOVERY

COMPANY: HUGOTON ENERGY CORP DATE: 05/22/95
WELL NAME: MLP NICE WANDER "A" 2-35 KB Elev: 0.00 ft TICKET #7865 DST #1
WELL LOCATION: 35-29S-35W GR Elev: 0.00 ft FORMATION: "A" KC
INTERVAL Fr.: 4518.00 To 4574.00 T.D.: 4574.00 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)
15	0.12	6	0	7.1
20	0.12	9	0	8.9
25	0.12	1	0	9.2
30	0.12	1	0	9.2

***** GAS RATES FOR FLOW #2

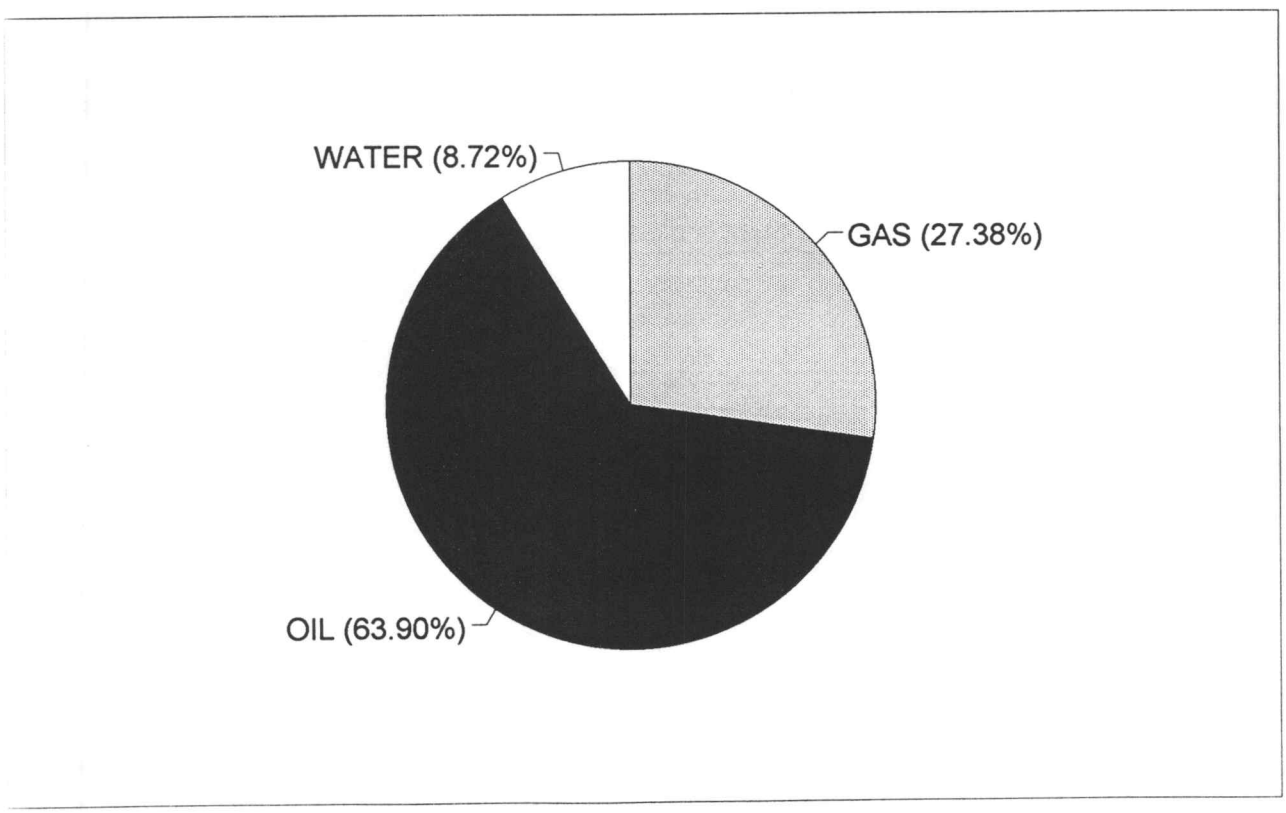
Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.12	1	0	2.8
10	0.12	2	0	3.9
15	0.12	4	0	5.6
20	0.12	4	0	6.0
25	0.12	5	0	6.7
30	0.12	5	0	6.7
35	0.12	5	0	6.7
40	0.12	5	0	6.7
45	0.12	5	0	6.7

CALCULATED RECOVERY ANALYSIS

DST # 1 TICKET # 7865

****

SAMPLE #		TOTAL FEET		GAS %	GAS FEET	OIL %	OIL FEET	WATER %	WATER FEET	MUD %	MUD FEET
DRILL PIPE	1	1885		30	565.5	70	1319.5		0		0
	2	32			0		0	100	32		0
	3				0		0		0		0
	4				0		0		0		0
	5				0		0		0		0
	6				0		0		0		0
WEIGHT PIPE	1				0		0		0		0
	2				0		0		0		0
	3				0		0		0		0
	4				0		0		0		0
DRL COLLAR	1	148			0		0	100	148		0
	2				0		0		0		0
	3				0		0		0		0
	4				0		0		0		0
	5				0		0		0		0
TOTAL		2065	27.38499		565.5	63.89831	1319.5	8.716707	180	0	0
					HRS OPE		BBL/DAY				
BBL OIL=		18.76329		*	1.25		360.2552				
BBL WATER=		1.17876		*			22.63219				
BBL MUD=		0									
BBL GAS =		8.04141									



TRILOBITE TESTING L.L.C.

OPERATOR : Hugoton Energy
WELL NAME: MLP Nicewander "A" 2-35
LOCATION : 35-29S-35W
INTERVAL : 5565.00 To 5620.00 ft

DATE 5/25/95
KB 0.00 ft
GR 3017.00 ft
TD 5620.00 ft
TICKET NO: 7866 DST #2
FORMATION: Chester
TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	11038	2342			
SI 60	Range(Psi)	5075.0	4995.0	0.0	0.0	0.0
SF 30	Clock(hrs)	25813				
FS 60	Depth(ft)	5617.0	5575.0	0.0	0.0	0.0

TIME DATA----------
PF Fr. 30 to hr
IS Fr. to 1 hr
SF Fr. 30 to hr
FS Fr. to 1 hr

	Field	1	2	3	4
A. Init Hydro	0.0	2766.0	0.0	0.0	0.0
B. First Flow	0.0	17.0	0.0	0.0	0.0
B1. Final Flow	0.0	20.0	0.0	0.0	0.0
C. In Shut-in	0.0	461.0	0.0	0.0	0.0
D. Init Flow	0.0	20.0	0.0	0.0	0.0
E. Final Flow	0.0	24.0	0.0	0.0	0.0
F. Fl Shut-in	0.0	158.0	0.0	0.0	0.0
G. Final Hydro	0.0	2735.0	0.0	0.0	0.0
Inside/Outside	O	I			

T STARTED 1905 hr
T ON BOTM 2038 hr
T OPEN 2040 hr
T PULLED 2340 hr
T OUT 0210 hr

RECOVERY
Tot Fluid 10.00 ft of 10.00 ft in DC and 0.00 ft in DP
10.00 ft of DRILLING MUD
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

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

Tool Wt.	22000.00 lbs
Wt Set On Packer	25000.00 lbs
Wt Pulled Loose	85000.00 lbs
Initial Str Wt	72000.00 lbs
Unseated Str Wt	74000.00 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	206.00 ft
D.P. Length	5383.00 ft

BLOW DESCRIPTION
INITIAL BLOW -
VERY WEAK BLOW; DIED IN 10 MIN

FINAL BLOW -
NO BLOW

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

Mud Type	CHEMICAL
Weight	9.10 lb/cf
Vis.	49.00 S/L
W.L.	8.40 in3
F.C.	0.00 in
Mud Drop Y	15.0 ft
Amt. of fill	0.00 ft
Btm. H. Temp.	126.00 F
Hole Condition	GOOD
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	N
Tool Chased	N
Tester	TOM HORACEK
Co. Rep.	KARL OSTERBUHR
Contr.	Murfin Drlg.
Rig #	20
Unit #	
Pump T.	

SAMPLES:
SENT TO:

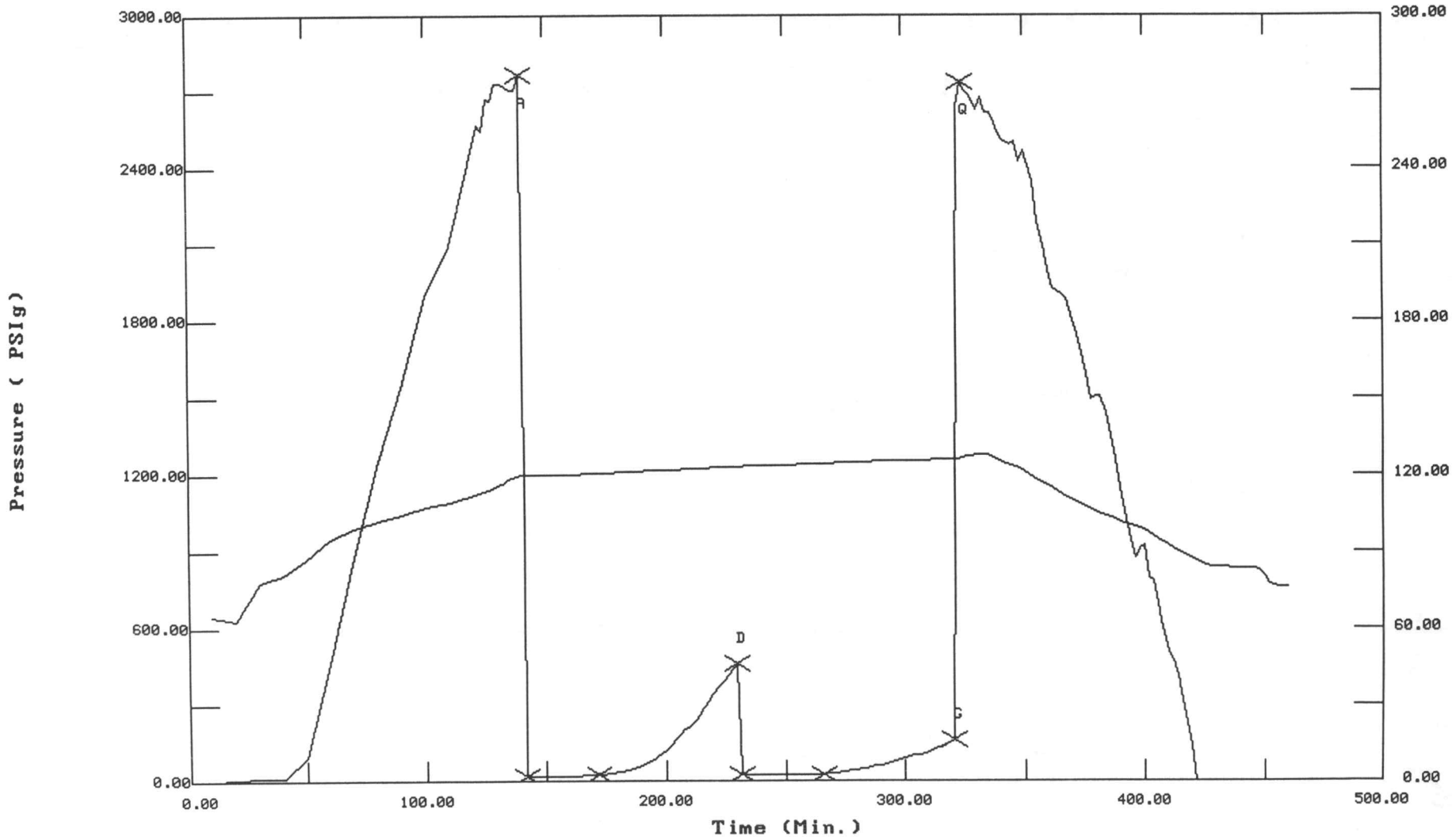
Test Successful: Y

TEST HISTORY

7866 DST #2 MLP Nicewander A-2-35 Hugoton Energy Corp.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2765.67
B:	0.00	16.86
C:	30.00	19.71
D:	58.00	461.17
E:	0.00	19.88
F:	34.00	23.99
G:	54.00	158.11
Q:	0.00	2735.45



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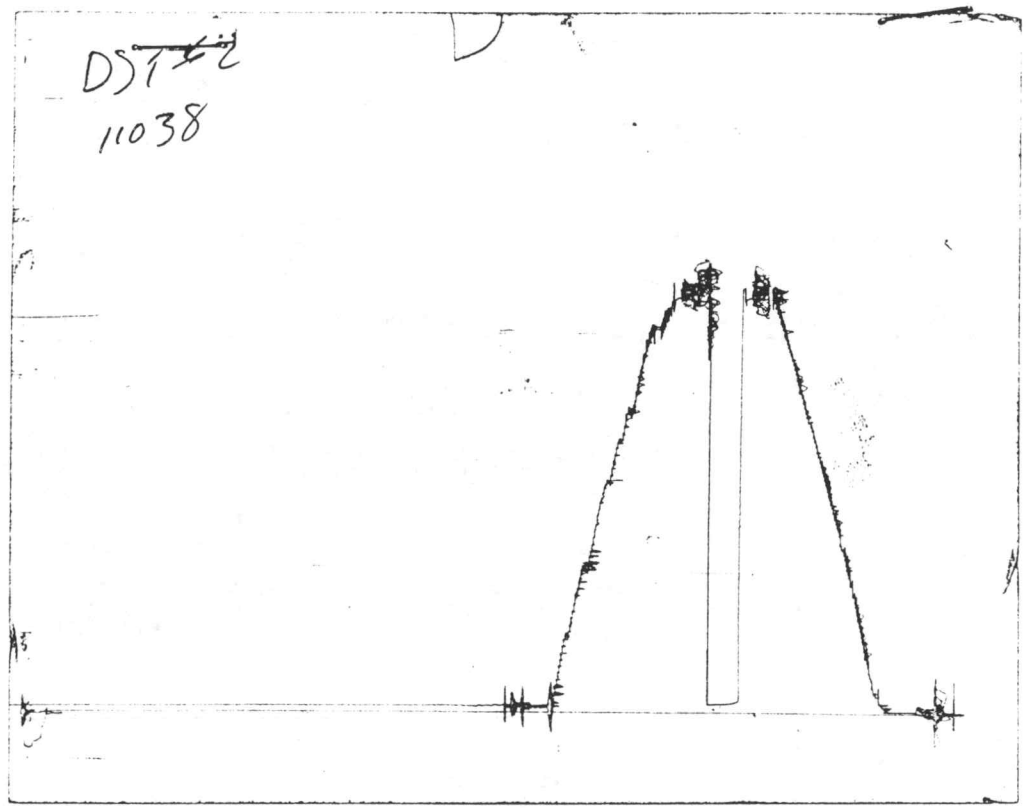

This is an actual photograph of an AK1 recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 7866 DST #2 MLP Nicewander A-2-35 Hugoton Energy Corp.

DATE: 05/25/95 TIME: 17:18:39

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
**** Initial Hydro.	140.00	2765.7	0.0	119.84		
**** Start Flow 1	0.00	16.9	0.0	120.02		
	2.00	17.4	0.6	120.02		
	4.00	17.7	0.8	120.02		
	6.00	17.8	0.9	120.02		
	8.00	18.0	1.1	120.02		
	10.00	18.0	1.2	120.02		
	12.00	18.0	1.2	120.02		
	14.00	18.1	1.3	120.02		
	16.00	18.3	1.4	120.02		
	18.00	18.4	1.5	120.02		
	20.00	18.5	1.7	120.20		
	22.00	18.5	1.7	120.20		
	24.00	18.7	1.8	120.38		
	26.00	18.7	1.8	120.38		
	28.00	18.7	1.8	120.38		
**** End Flow 1	30.00	19.7	2.9	120.56		
**** Start Shutin 1	0.00	19.7	0.0	120.56	0.0000	0.000
	2.00	22.1	2.3	120.56	16.0000	0.000
	4.00	24.8	5.1	120.74	8.5000	0.001
	6.00	28.0	8.3	120.74	6.0000	0.001
	8.00	31.4	11.7	120.92	4.7500	0.001
	10.00	35.5	15.8	120.92	4.0000	0.001
	12.00	40.1	20.4	121.10	3.5000	0.002
	14.00	45.6	25.8	121.10	3.1429	0.002
	16.00	51.9	32.1	121.28	2.8750	0.003
	18.00	59.4	39.7	121.28	2.6667	0.004
	20.00	68.1	48.4	121.46	2.5000	0.005
	22.00	78.5	58.8	121.46	2.3636	0.006
	24.00	90.7	71.0	121.64	2.2500	0.008
	26.00	104.7	85.0	121.64	2.1538	0.011
	28.00	120.6	100.9	121.82	2.0714	0.015
	30.00	138.6	118.8	121.82	2.0000	0.019
	32.00	157.9	138.2	122.00	1.9375	0.025
	34.00	178.8	159.0	122.00	1.8824	0.032
	36.00	201.2	181.5	122.18	1.8333	0.040
	38.00	208.6	188.9	122.18	1.7895	0.044
	40.00	231.6	211.9	122.36	1.7500	0.054
	42.00	258.5	238.8	122.36	1.7143	0.067
	44.00	285.2	265.5	122.54	1.6818	0.081
	46.00	311.9	292.2	122.54	1.6522	0.097
	48.00	338.1	318.3	122.72	1.6250	0.114
	50.00	363.7	344.0	122.72	1.6000	0.132
	52.00	388.9	369.2	122.90	1.5769	0.151
	54.00	413.6	393.9	122.90	1.5556	0.171
	56.00	437.7	418.0	123.08	1.5357	0.192
**** End Shut-in 1	58.00	461.2	441.5	123.08	1.5172	0.213
**** Start Flow 2	0.00	19.9	0.0	123.08		
	2.00	19.9	0.0	123.26		
	4.00	19.9	0.0	123.26		
	6.00	20.0	0.1	123.26		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 7866 DST #2 MLP Nicewander A-2-35 Hugoton Energy Corp.

DATE: 05/25/95 TIME: 17:18:39

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	8.00	20.0	0.1	123.44		
	10.00	20.0	0.1	123.44		
	12.00	20.1	0.2	123.44		
	14.00	20.1	0.2	123.62		
	16.00	20.1	0.2	123.62		
	18.00	20.1	0.2	123.62		
	20.00	20.1	0.2	123.80		
	22.00	20.2	0.3	123.80		
	24.00	20.3	0.4	123.98		
	26.00	20.3	0.4	123.98		
	28.00	20.4	0.5	123.98		
	30.00	20.2	0.3	124.16		
	32.00	22.1	2.3	124.16		
****** End Flow 2	34.00	24.0	4.1	124.34		
****** Start Shutin 2	0.00	24.0	0.0	124.34	0.0000	0.001
	2.00	26.0	2.0	124.34	33.0000	0.001
	4.00	28.1	4.1	124.34	17.0000	0.001
	6.00	30.4	6.4	124.52	11.6667	0.001
	8.00	32.7	8.7	124.52	9.0000	0.001
	10.00	35.2	11.2	124.52	7.4000	0.001
	12.00	38.0	14.0	124.70	6.3333	0.001
	14.00	40.9	17.0	124.70	5.5714	0.002
	16.00	44.1	20.1	124.88	5.0000	0.002
	18.00	47.5	23.5	124.88	4.5556	0.002
	20.00	51.1	27.1	124.88	4.2000	0.003
	22.00	55.0	31.1	125.06	3.9091	0.003
	24.00	59.3	35.3	125.06	3.6667	0.004
	26.00	63.8	39.8	125.06	3.4615	0.004
	28.00	68.7	44.7	125.24	3.2857	0.005
	30.00	73.9	49.9	125.24	3.1333	0.005
	32.00	79.5	55.5	125.24	3.0000	0.006
	34.00	85.3	61.4	125.42	2.8824	0.007
	36.00	91.5	67.5	125.42	2.7778	0.008
	38.00	97.1	73.1	125.42	2.6842	0.009
	40.00	99.9	76.0	125.60	2.6000	0.01
	42.00	103.6	79.6	125.60	2.5238	0.011
	44.00	112.2	88.2	125.60	2.4545	0.013
	46.00	120.8	96.8	125.78	2.3913	0.015
	48.00	129.5	105.5	125.78	2.3333	0.017
	50.00	138.7	114.7	125.78	2.2800	0.019
	52.00	148.3	124.3	125.96	2.2308	0.022
****** End Shut-in 2	54.00	158.1	134.1	125.96	2.1852	0.025
****** Final Hydro.	324.00	2735.5	0.0	126.32		

585396

*** TOOL DIAGRAM *** CONVENTIONAL

'ELL NAME: MLP Nicewander "A" 2-35

.OCATION : 35-29S-35W

'ICKET No. 7866 D.S.T. No. 2 DATE 5/25/95

'OTAL TOOL TO BOTTOM OF TOP PACKERS ..... 30 ft.

NTERVAL TOOL .....

:OTTOM PACKERS AND ANCHOR ..... 55 ft.

'OTAL TOOL ..... 85 ft.

)RILL COLLAR ANCHOR IN INTERVAL ..... 55 ft.

).C. ANCHOR STND.Stands Single 1 Total 30 ft.

).P. ANCHOR STND.Stands Single Total

'OTAL ASSEMBLY ..... 55 ft.

).C. ABOVE TOOLS.Stands3 Single 1 Total 206 ft.

).P. ABOVE TOOLS.Stands86 Single Total 5365 ft.

'OTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5626 ft.

'OTAL DEPTH ..... 5620 ft.

'OTAL DRILL PIPE ABOVE K.B. ..... 6 ft.

REMARKS:

FLUID SAMPLER DATA

SAMPLER RECOVERY -
MUD 4000 ML; PRESSURE 100 PSI; TOTAL 4000ML

PIT MUD ANALYSIS -
CHLORIDES 750 PPM; VISCOSITY 49;
MUD WEIGHT 9.1; FILTRATE 8.4

P.O. SUB Cir. sub	5415
C.O. SUB	5535
S.I. TOOL	5540
Sampler	5543
HMV Hyd. Tool	5548
JARS	5553
SAFETY JOINT	5555
PACKER	5560
PACKER	5565
DEPTH STUBB ANCHOR Perf 2 ft.	5567
Perf 5 ft.	5572
Alpine	5575
Perf 5 ft.	5577
Perf 5 ft.	5582
Perf 1 ft.	5583
T.C. DEPTH	
C.O. sub 1 ft.	5584
D. Collar 30 ft.	5614
C.O. sub 1 ft.	5615
BULLNOSE T.D. Bull Plug 5 ft.	5620