15-081-20987

5-30S-34W

Well Name:	MLP ROONEY "B" #2-5				
Company :	HUGOTON ENERGY CORPORATION				
Location - Sec:	5	**Twp:**	30S	**Rge:**	34W
County:	HASKELL	**State:**	KS		
Date:	01/06/96				

TRILOBITE TESTING L.L.C.

OPERATOR : Hugoton Energy Corp — DATE 01/05/96
WELL NAME: MLP Rooney "B" #2-5 — KB 3001.00 ft — TICKET NO: 8854 — DST #1
LOCATION : 5-30S-34W, Haskell Cty KS — GR 2992.00 ft — FORMATION: Morrow
INTERVAL : 5258.00 To 5360.00 ft — TD 5360.00 ft — TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins			Field	1	2	3	4
PF	30	Rec.	11086	11086	6730		
SI	60	Range(Psi)	4350.0	4350.0	4200.0	0.0	0.0
SF	30	Clock(hrs)	AK-1	AK-1	AK-1		
FS	60	Depth(ft)	5357.0	5357.0	5260.0	0.0	0.0

TIME DATA----------
PF Fr. 1150 to 1220 hr
IS Fr. 1220 to 1320 hr
SF Fr. 1320 to 1350 hr
FS Fr. 1350 to 1450 hr

	Field	1	2	3	4
A. Init Hydro	2534.0	2528.0	0.0	0.0	0.0
B. First Flow	196.0	188.0	0.0	0.0	0.0
Bl. Final Flow	185.0	181.0	0.0	0.0	0.0
C. In Shut-in	349.0	338.0	0.0	0.0	0.0
D. Init Flow	229.0	216.0	0.0	0.0	0.0
E. Final Flow	229.0	227.0	0.0	0.0	0.0
F. Fl Shut-in	305.0	302.0	0.0	0.0	0.0
G. Final Hydro	2491.0	2489.0	0.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 1030 hr
T ON BOTM 1148 hr
T OPEN 1150 hr
T PULLED 1450 hr
T OUT 1730 hr

RECOVERY
Tot Fluid 150.00 ft of 150.00 ft in DC and 0.00 ft in DP
120.00 ft of Mud w/ oil scum - 1% oil, 99% mud
30.00 ft of Mud - 100% mud

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

Tool Wt.	0.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	118000.00 lb
Initial Str Wt	90000.00 lbs
Unseated Str Wt	90000.00 lbs
Bot Choke	2.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	559.00 ft
D.P. Length	4687.00 ft

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

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

Mud Type	Chemical
Weight	9.00 lb/
Vis.	44.00 S/L
W.L.	11.00 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	118.00 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	Mike McVey
Co. Rep.	Curtis Covey
Contr.	Murfin
Rig #	20
Unit #	
Pump T.	

BLOW DESCRIPTION
Initial Flow -
Built to 3.5" in bucket in 4 min; slid 15' to bottom

Initial Shutin -
Bled off, no blow back

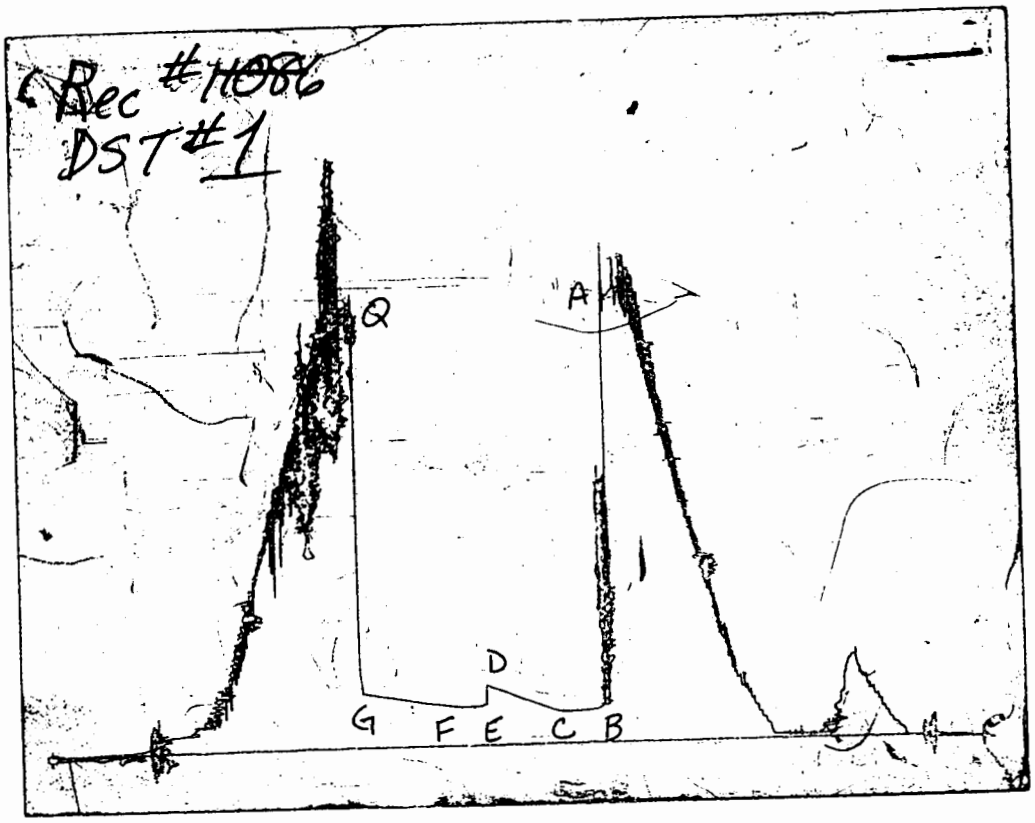
Final Flow -
Weak surface blow, died in 15.5 min

Final Shutin -
Bled off, no blow back

SAMPLES:
SENT TO:

Test Successful: Y

CHART PAGE



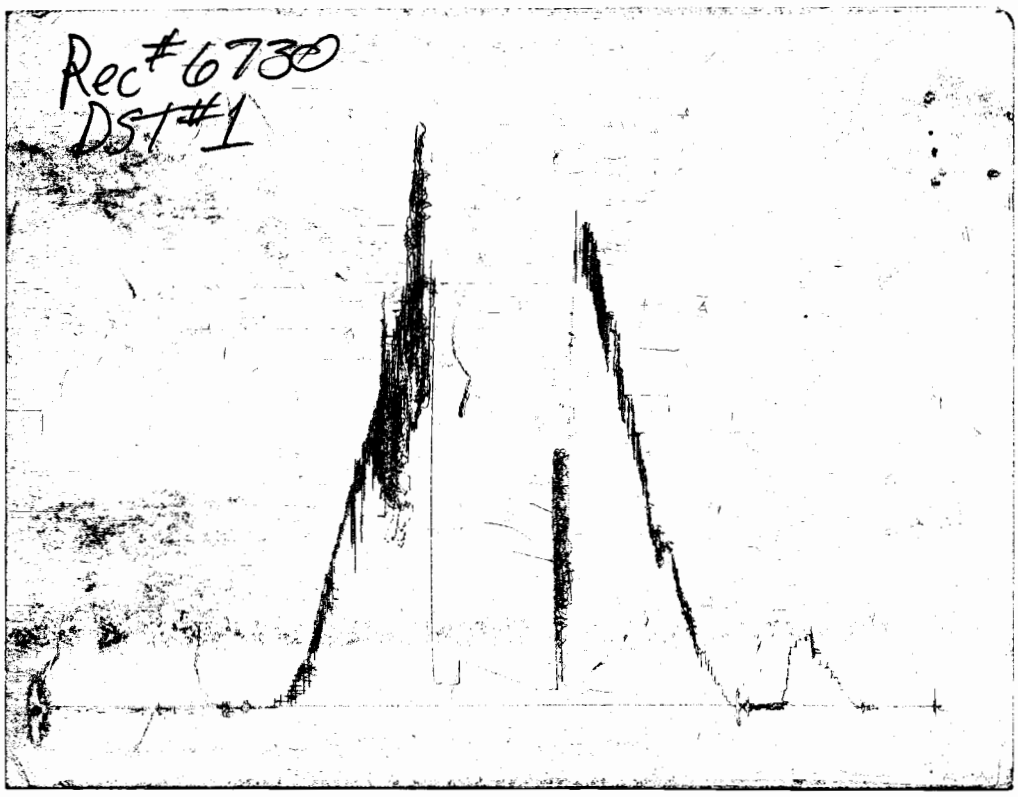
This is an actual photograph of recorder chart

Well name Kooney

DST # 1

Recorder # 11086

A	2314	2528	1
B	.172	188	2
C	.166	181	3
D	.310	338	4
E	.198	216	5
F	.208	227	6
G	.277	302	7
H	2278	2489	8
			9
			1
			1
			1



TRILOBITE TESTING L.L.C.
P.O. Box 362 • Hays, Kansas 67601

No. 8854

Test Ticket

Well Name & No. Rooney "B" #2-5 Test No. #1 Date 1-5-96
Company Hugoton Energy Corporation Zone Tested Morrow
Address 301 N. Main suite #1900 Wichita, Ks 67202 Elevation 3001 KB 2992 GL
Co. Rep / Geo. Curtis Covey Cont. Murfin Drlg. Rig #20 Est. Ft. of Pay ___ Por. ___ %
Location: Sec. 5 Twp. 30s Rge. 34w Co. Haskell State Ks
No. of Copies Normal Distribution Sheet (Y, N) Y Turnkey (Y, N) N Evaluation (Y, N) N

Interval Tested 5258 to 5360 Initial Str Wt./Lbs. 90,000 Unseated Str Wt./Lbs. 90,000
Anchor Length 102' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 118,000
Top Packer Depth 5254 Hole Size — 7 7/8" ___ Rubber Size — 6 3/4" ___
Bottom Packer Depth 5258 Wt. Pipe I.D. — 2.7 Ft. Run —
Total Depth 5360 Drill Collar — 2.25 Ft. Run 559
Mud Wt. 9.0 LCM 3# Vis. 44 WL 11.0 Drill Pipe Size 4½ XH/3.7 I.D. Ft. Run 4687
Blow Description I.F.- Built to 3½" in bucket in 4 min & slid 15 ft to bottom
I.S.I.- Bled off, no blow back
F.F.- Weak surface blow, died in 15½ min
F.S.I.- Bled off, no blow back

Recovery — Total Feet ___ Ft. in DC 150 Ft. in WP — Ft. in DP -0-

Rec. 120	Feet Of Mud w/oil scum	%gas	1 %oil	%water 99	%mud
Rec. 30	Feet Of Mud	%gas	%oil	%water 100	%mud
Rec. ___	Feet Of ___	%gas	%oil	%water	%mud
Rec. ___	Feet Of ___	%gas	%oil	%water	%mud
Rec. ___	Feet Of ___	%gas	%oil	%water	%mud

BHT 118 °F Gravity ___ °API D@ ___ °F Corrected Gravity ___ °API
RW ___ @ ___ °F Chlorides ___ ppm Recovery Chlorides 1300 ppm System

(A) Initial Hydrostatic Mud	2534 PSI	Recorder No.	6730	T-Started	1030
(B) First Initial Flow Pressure	196 PSI	@ (depth)	5260	T-Open	1150
(C) First Final Flow Pressure	185 PSI	Recorder No.	11086	T-Pulled	1450
(D) Initial Shut-in Pressure	349 PSI	@ (depth)	5357	T-Out	1730
(E) Second Initial Flow Pressure	229 PSI	Recorder No.	—		
(F) Second Final Flow Pressure	229 PSI	@ (depth)	—		
(G) Final Shut-in Pressure	305 PSI	Initial Opening	30	Test	Conventional 700
(H) Final Hydrostatic Mud	2491 PSI	Initial Shut-in	60	Jars	✓ 200
		Final Flow	30	Safety Joint	✓ 50
		Final Shut-in	60	Straddle	___
				Circ. Sub	✓ N/C
				Sampler	___
				Extra Packer	___
				Elect. Rec.	___
				Other	___
				TOTAL PRICE $	950

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 ___
Our Representative ___

9

TRILOBITE TESTING L.L.C.

OPERATOR : Hugoton Energy Corp — DATE 01/06/96
WELL NAME: MLP Rooney "B" #2-5 — KB 3001.00 ft — TICKET NO: 8625 — DST #2
LOCATION : 5-30S-34W, Haskell Cty KS — GR 2992.00 ft — FORMATION: Chester
INTERVAL : 5553.00 To 5623.00 ft — TD 5623.00 ft — TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins			Field	1	2	3	4
PF	30	Rec.	11038	11038	13615		
SI	60	Range(Psi)	5075.0	5075.0	0.0	0.0	0.0
SF	45	Clock(hrs)	AK-1	AK-1	AK-1		
FS	90	Depth(ft)	5557.0	5557.0	5620.0	0.0	0.0

TIME DATA----------
PF Fr. 2345 to 0015 hr
IS Fr. 0015 to 0115 hr
SF Fr. 0115 to 0200 hr
FS Fr. 0200 to 0330 hr

	Field	1	2	3	4
A. Init Hydro	2760.0	2748.0	0.0	0.0	0.0
B. First Flow	55.0	66.0	0.0	0.0	0.0
B1. Final Flow	163.0	161.0	0.0	0.0	0.0
C. In Shut-in	1423.0	1421.0	0.0	0.0	0.0
D. Init Flow	190.0	185.0	0.0	0.0	0.0
E. Final Flow	230.0	238.0	0.0	0.0	0.0
F. Fl Shut-in	1134.0	1139.0	0.0	0.0	0.0
G. Final Hydro	2567.0	2575.0	0.0	0.0	0.0
Inside/Outside	I	I	O		

T STARTED 2130 hr
T ON BOTM 2342 hr
T OPEN 2345 hr
T PULLED 0330 hr
T OUT 0745 hr

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

Tool Wt.	0.00 lbs
Wt Set On Packer	25000.00 lbs
Wt Pulled Loose	100000.00 lbs
Initial Str Wt	90000.00 lbs
Unseated Str Wt	90000.00 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	528.00 ft
D.P. Length	5027.00 ft

RECOVERY
Tot Fluid 750.00 ft of 528.00 ft in DC and 222.00 ft in DP
2540.00 ft of Gas in pipe
500.00 ft of Clean gassy oil - 30% gas, 70% oil
250.00 ft of Gassy mud cut oil - 10% gas, 70% oil, 20% mud

SALINITY 0.00 P.P.M. A.P.I. Gravity 39.00

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

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	51.00 S/L
W.L.	8.40 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	129.00 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.	Curtis Covey
Contr.	Murfin
Rig #	20
Unit #	
Pump T.	

BLOW DESCRIPTION
Initial Flow -
Built to bottom of bucket in 20 min

Initial Shutin -
Bled off blow, no blow back

Final Flow -
Fair to strong blow, bottom of bucket in 5 min

Final Shutin -
No blow back for 60 min then weak surface blow

SAMPLES:
SENT TO:

Test Successful: Y

COMPUTER OIL EVALUATION BY TRILOBITE TESTING, L.L.C.

Hugoton Energy Corp

MLP Rooney "B" #2-5 DST 2

5 30s 34W Haskell COUNTY

ELEVATION:	3001	KB	EST. PAY	5	FT
DATUM:	-2557		ZONE TESTED:	Chester	
TEST INTERVAL:	5553-5623		TIME INTERVALS:	30-60-45-90	
RECORDER DEPTH:	5557		VISCOSITY:	3.07	CP
BOTTOM HOLE TEMP:	129		HOLE SIZE:	7.875	IN

CUBIC FEET OF GAS IN PIPE:	203			
TOTAL FEET OF RECOVERY:	750.00	CORRECTED PIPE FILLUP:	640.669	
TOTAL BARRELS OF RECOVERY:	6.85	CORR. BARRELS OF RECOVERY:	5.298	BBL
BARRELS IN DRILL PIPE:	3.16	API GRAVITY:	39	
BARRELS IN WEIGHT PIPE:	3.70	FLUID GRADIENT:	0.359	
BARRELS IN DRILL COLLARS:	0.00			
GAS OIL RATIO:	29.59	CU.FT/BBL		
BUBBLE POINT PRESSURE:	656			
UNCORRECTED INITIAL PRODUCTION:			131.57	BBL
INITIAL PRODUCTION CORRECTED TO FINAL FLOW PRESSURE:			101.72	BBL/DAY
INITIAL PRODUCTION CORRECTED TO PSEUDO STEADY FLOW STATE:			70.94	

INITIAL SLOPE	472.30	PSI/CYCLE	FINAL SLOPE	436.20 PSI/CYCLE
INITIAL P*	1507.85	PSI	FINAL P*	1251.49 PSI

TRANSMISSIBILITY	37.92	(MD.-FT./CP.)
PERMEABILITY	23.28	(MD.)
INDICATED FLOW CAPACITY	116.41	(MD.FT)
PRODUCTIVITY INDEX	0.04	(BBL/DAY/PSI)
DAMAGE RATIO	0.43	
RADIUS OF INVESTIGATION	41.79	(FT.)
POTENTIOMETRIC SURFACE	346.21	(FT.)
DRAWDOWN FACTOR	17.002	(%)

CALCULATED RECOVERY ANALYSIS

DST # 2 TICKET # 8625

****

SAMPLE	#	TOTAL FEET	GAS %	GAS FEET	OIL %	OIL FEET	WATER %	WATER FEET	MUD %	MUD FEET
DRILL PIPE	1	222	30	66.6	70	155.4		0		0
	2			0		0		0		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	278	30	83.4	70	194.6		0		0
	2	250	10	25	70	175		0	20	50
	3			0		0		0		0
	4			0		0		0		0
	5			0		0		0		0
TOTAL		750	23.33333	175	70	525	0	0	6.666667	50

			HRS OPE	BBL/DAY
BBL OIL=	4.017132	*	1.25	77.12893
BBL WATER=	0	*		0
BBL MUD=	0.2445			
BBL GAS =	1.477128			

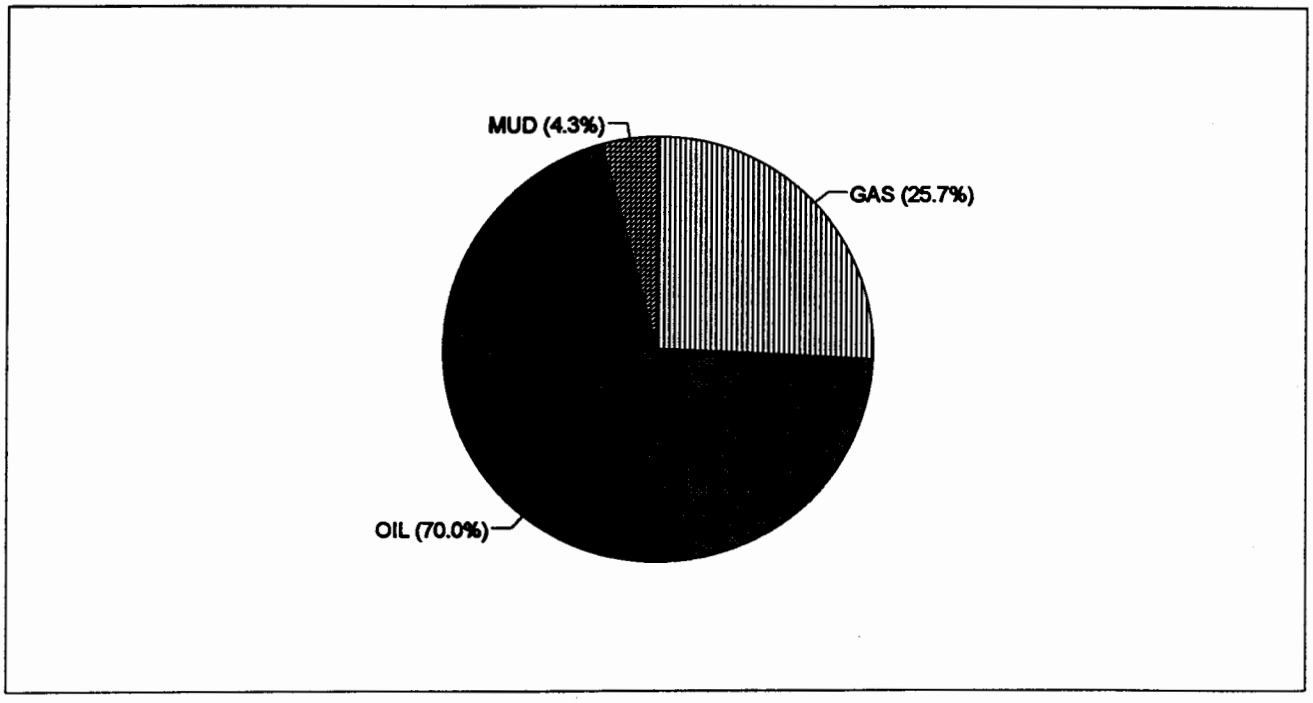
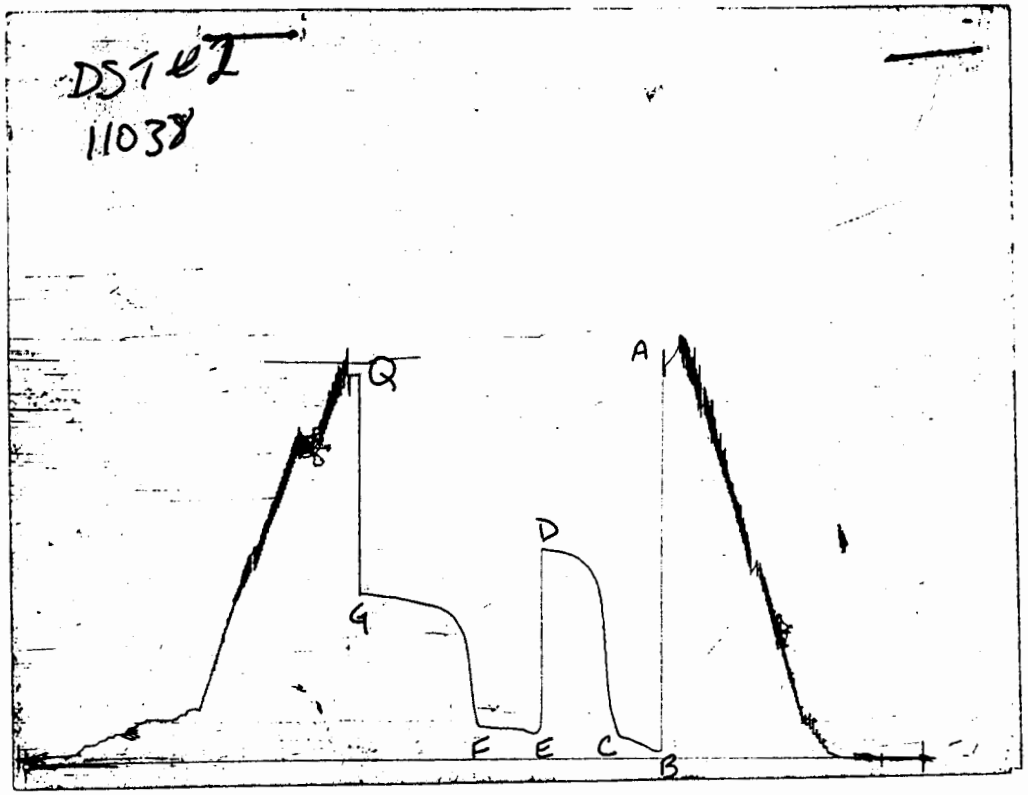


CHART PAGE



This is an actual photograph of recorder chart

INITIAL FLOW

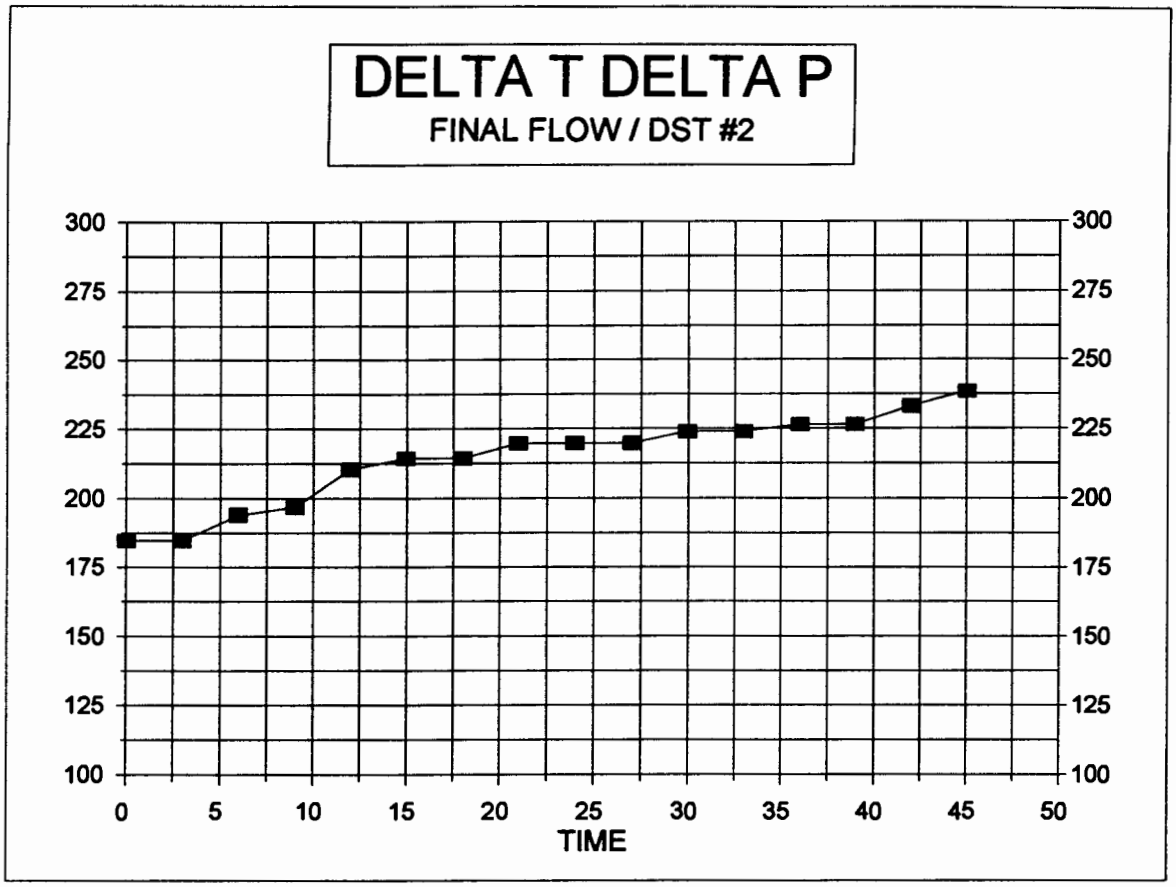
DST # 2
RECORDER 11038

TIME(MIN)	PRESSURE	<> PRESSURE
0	65.92	65.9
3	65.92	0.0
6	65.92	0.0
9	86.28	20.4
12	99.84	13.6
15	112.02	12.2
18	124.19	12.2
21	133.64	9.5
24	144.44	10.8
27	155.24	10.8
30	160.63	5.4

FINAL FLOW

DST # 2
RECORDER 11038

TIME(MIN)	PRESSURE	<> PRESSURE
0	184.84	184.8
3	184.84	0.0
6	194.24	9.4
9	196.92	2.7
12	210.33	13.4
15	214.35	4.0
18	214.35	0.0
21	219.71	5.4
24	219.71	0.0
27	219.71	0.0
30	223.73	4.0
33	223.73	0.0
36	226.41	2.7
39	226.41	0.0
42	233.10	6.7
45	238.45	5.3



INITIAL PRODUCTION CORRECTED TO PSEUDO STEADY FLOW STATE: 70.93739

INITIAL SHUT-IN

MLP Rooney "B" #2-5

DST # 2 SLOPE 472.3 PSI/CYCLE

INITIAL FLOW TIME 30 P* 1507.85 PSI

	TIME(MIN)	Pws (psi)	Log Horn T	<> PRESSURE	Horn T
	3	263.81	1.041	263.8	11
	6	356.80	0.778	93.0	6
	9	585.94	0.637	229.1	4
	12	1006.88	0.544	420.9	4
	15	1145.75	0.477	138.9	3
	18	1242.71	0.426	97.0	3
	21	1294.19	0.385	51.5	2
	24	1313.07	0.352	18.9	2
	27	1338.25	0.325	25.2	2
	30	1359.62	0.301	21.4	2
	33	1372.19	0.281	12.6	2
	36	1383.49	0.263	11.3	2
	39	1389.76	0.248	6.3	2
Q	42	1397.29	0.234	7.5	2
	45	1403.56	0.222	6.3	2
	48	1406.07	0.211	2.5	2
	51	1411.09	0.201	5.0	2
	54	1417.35	0.192	6.3	2
X	57	1421.11	0.184	3.8	2

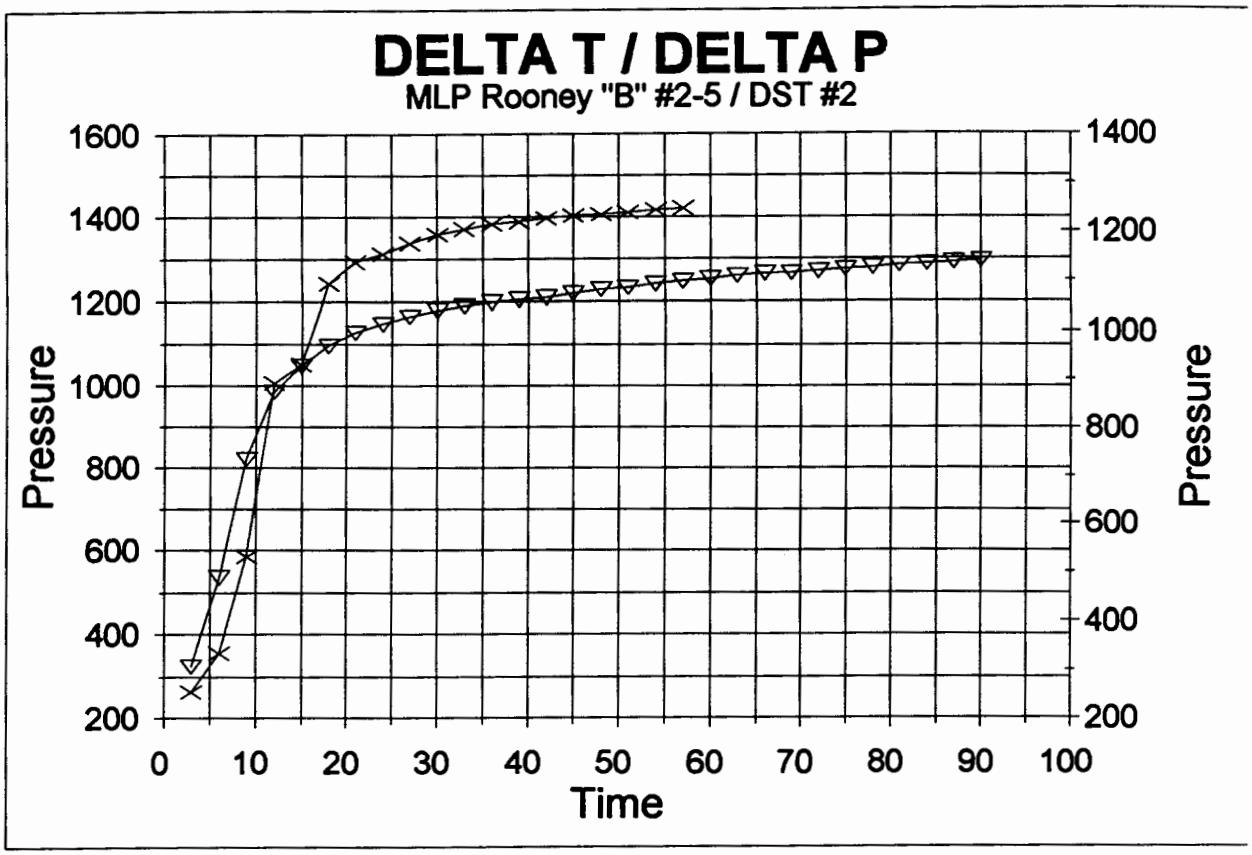
FINAL SHUT-IN

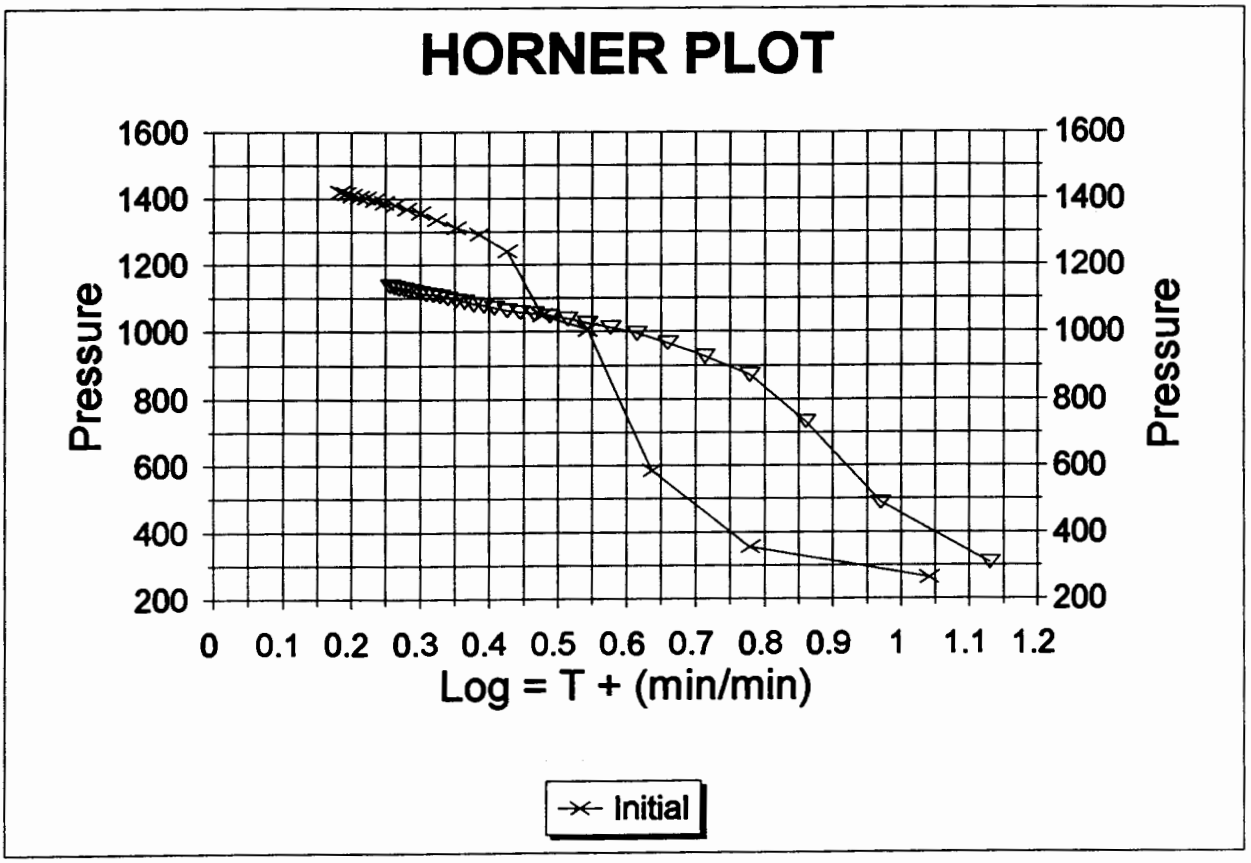
MLP Rooney "B" #2-5

DST # 2 SLOPE 436.2 PSI/CYCLE

TOTAL FLOW TIME 75 P* 1251.49 PSI

	TIME(MIN)	Pws (psi)	Log Horn T	<> PRESSURE	Horn T
	3	307.75	1.130	307.8	14
	6	489.58	0.970	181.8	9
	9	734.31	0.860	244.7	7
	12	873.63	0.778	139.3	6
	15	926.98	0.713	53.4	5
	18	968.89	0.660	41.9	5
	21	995.49	0.615	26.6	4
	24	1013.20	0.577	17.7	4
	27	1028.36	0.544	15.2	4
	30	1040.98	0.515	12.6	3
	33	1049.82	0.489	8.8	3
	36	1056.15	0.466	6.3	3
	39	1061.21	0.445	5.1	3
	42	1066.27	0.426	5.1	3
	45	1073.86	0.409	7.6	3
	48	1081.44	0.393	7.6	2
	51	1085.23	0.378	3.8	2
	54	1092.81	0.365	7.6	2
Q	57	1097.86	0.352	5.0	2
	60	1102.91	0.341	5.0	2
	63	1109.21	0.330	6.3	2
	66	1113.00	0.320	3.8	2
	69	1114.26	0.310	1.3	2
	72	1118.04	0.301	3.8	2
	75	1121.82	0.293	3.8	2
	78	1125.60	0.285	3.8	2
	81	1129.38	0.277	3.8	2
	84	1131.90	0.270	2.5	2
	87	1135.68	0.263	3.8	2
X	90	1139.46	0.257	3.8	2


DELTA T / DELTA P
MLP Rooney "B" #2-5 / DST #2
Pressure
Pressure
Time
1600
1400
1200
1000
800
600
400
200
0
10
20
30
40
50
60
70
80
90
100


HORNER PLOT
Pressure
Pressure
Log = T + (min/min)
1600
1400
1200
1000
800
600
400
200
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
1.1
1.2
Initial

From Original Chart

WELL NAME Romney DST # _____ RECORDER # 11038

INIT. HYD. MUD. 2748 FINAL HYD. MUD 2575

INITIAL FLOW MINUTES / INTERVAL		INITIAL SHUTIN MINUTES / INTERVAL			FINAL FLOW MINUTES / INTERVAL		FINAL SHUTIN MINUTES / INTERVAL	
	66	—		1		185	—	
		.195		2			.228	
		.265		3			.366	
		.440		4			.555	
Taken from Art		.769		5	Taken from Art		.664	
		.899		6			.706	
		.956		7			.739	
		.997		8			.760	
		~~1.010~~ 1.012		9			.774	
		1.032		10			.786	
		1.049		11			.796	
Taken	161	1.059		12		238	.803	
		1.068		13			.808	
		1.073		14			.812	
		1.079		15			.816	
		1.084		16			.822	
		1.086		17			.828	
		1.090		18			.831	
		1.095		19			.837	
		1.098	142	20			.841	
				21			.845	
				22			.850	
				23			.853	
				24			.854	
				25			.857	
				26			.860	
				27			.863	
							.866	

.868
.871
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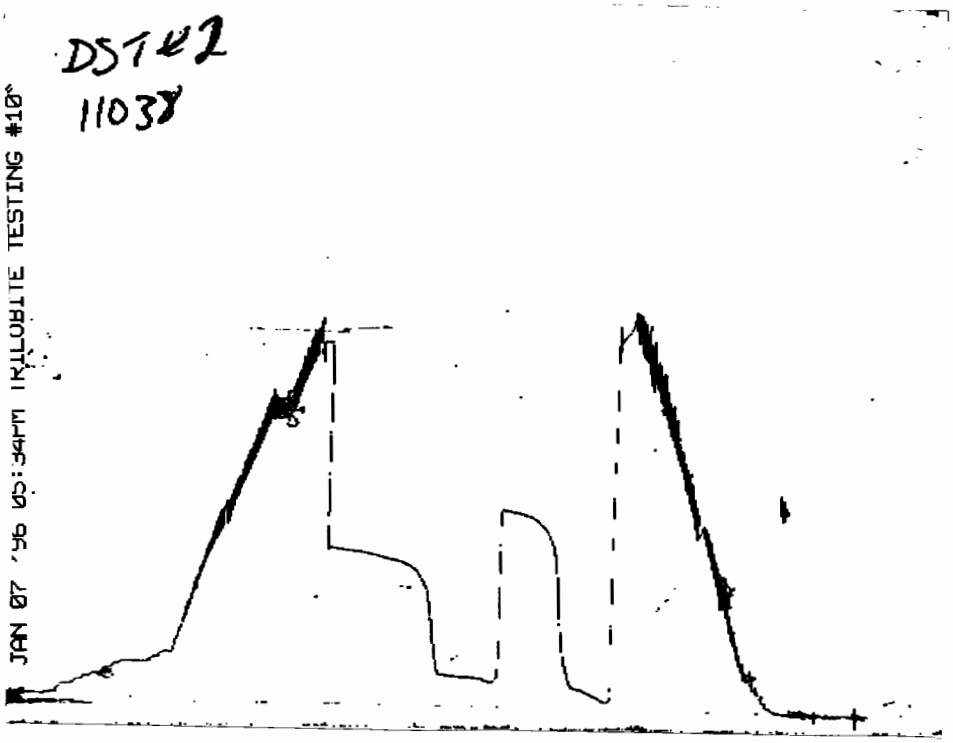
Rdgs from fax

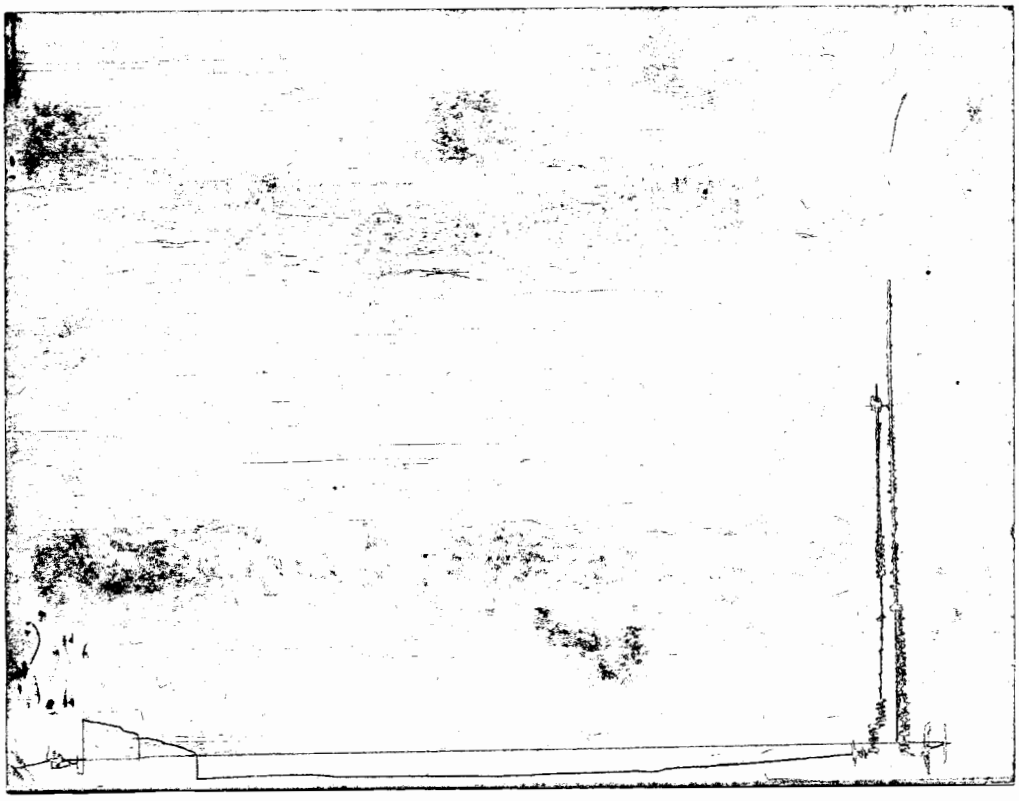
WELL NAME MLP Rooney DST # 2 RECORDER # 11038

INIT. HYD. MUD. _____ _____ FINAL HYD. MUD _____ _____

	INITIAL FLOW MINUTES _____ INTERVAL _____		INITIAL SHUTIN MINUTES _____ INTERVAL _____			FINAL FLOW MINUTES _____ INTERVAL _____		FINAL SHUTIN MINUTES _____ INTERVAL _____	
	.048		—		1	.136		—	
	.048		.158		2	.136		.251	
	.048		.232		3	.143		.338	
	.063		.302		4	.145		.553	
	.073		.491		5	.155		.653	
	.082		.797		6	.158		.676	
	.091		.879		7	.158		.708	
	.098		.914		8	.162		.728	
	.106		.941		9	.162		.739	
	.114		.967		10	.162		.746	
	.118		.981		11	.165		.755	
			.993		12	.165		.760	
			1.001		13	.167		.764	
			1.010		14	.167		.769	
			1.019		15	.172		.774	
			1.024		16	.176		.786	
			1.032		17			.791	
			1.036		18			.795	
			1.041		19			.799	
			1.045		20			.805	
			1.050		21			.810	
					22			.811	
					23			.813	
					24			.814	
					25			.821	
					26			.822	
					27			.825	
								.829	

DST #2
11038





TRILOBITE TESTING L.L.C.
P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 8625

Well Name & No. MLP Rooney B" #2-5 Test No. #2 Date 1-6-96
Company Hugoton Energy Zone Tested Chester
Address 301 N. Main Suite 1900, Wichita Ks 67202 Elevation 3001 KB 2992 GL
Co. Rep / Geo. Curtis Covey Cont. Murfin Drlg #20 Est. Ft. of Pay 5 Por. ___ %
Location: Sec. 5 Twp. 30 Rge. 34 Co. Haskell State Ks.
No. of Copies ___ Distribution Sheet (Y, N) ___ Turnkey (Y, N) N Evaluation (Y, N) ___

Interval Tested 5553-5623 Initial Str Wt./Lbs. 90,000 Unseated Str Wt./Lbs. 90,000
Anchor Length 70' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 100,000
Top Packer Depth 5548 Hole Size — 7 7/8" ___ Rubber Size — 6 3/4" ___
Bottom Packer Depth 5553 Wt. Pipe I.D. — 2.7 Ft. Run —
Total Depth 5623 Drill Collar — 2.25 Ft. Run 528'
Mud Wt. 9.0 LCM 4# Vis. 51 WL 8.4 Drill Pipe Size 4.5 X Hole Ft. Run 5027

Blow Description 1st. weak blow - Built to bottom of bucket 20 min.
ISI - Bled off blow - No blow back
2nd. - Fair to strong blow - B.O.B. in 5 min.
FSI - No blow back for 60 min. Then weak surface blow

Recovery — Total Feet 750 Ft. in DC 528' Ft. in WP ___ Ft. in DP 222'

Rec. 500'	Feet Of CGO	30 %gas	70 %oil	%water	%mud
Rec. 250'	Feet Of G.I.M.C.O.	10 %gas	70 %oil	%water	20 %mud
Rec. ___	Feet Of ___	%gas	%oil	%water	%mud
Rec. ___	Feet Of ___	%gas	%oil	%water	%mud
Rec. 2540'	Feet Of GIP	%gas	%oil	%water	%mud

BHT 129 °F Gravity 39 °API D@ 60 °F Corrected Gravity 39 °API
RW ___ @ ___ °F Chlorides ___ ppm Recovery Chlorides 2200 ppm System

(A) Initial Hydrostatic Mud	2760 PSI	Recorder No.	11038	T-Started	2130
(B) First Initial Flow Pressure	55 PSI	@ (depth)	5557	T-Open	2345
(C) First Final Flow Pressure	163 PSI	Recorder No.	13615	T-Pulled	0330
(D) Initial Shut-in Pressure	1423 PSI	@ (depth)	5620	T-Out	0745
(E) Second Initial Flow Pressure	190 PSI	Recorder No.	___		
(F) Second Final Flow Pressure	230 PSI	@ (depth)	___		
(G) Final Shut-in Pressure	1134 PSI	Initial Opening	30 min.	Test	X 700
(H) Final Hydrostatic Mud	2567 PSI	Initial Shut-in	60 min.	Jars	X 200
		Final Flow	45 min.	Safety Joint	X 50
		Final Shut-in	90 min.	Straddle	___
				Circ. Sub	___
				Sampler	___
				Extra Packer	___
				Elect. Rec.	___
				Other	___
				TOTAL PRICE $	950

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 [signature]
Our Representative Tom Horacek

(wet) (1421)

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