

RELEASED

JAN 29 1999

DST REPORT

FROM CONFIDENTIAL

GENERAL INFORMATION

DATE : 8/4/97
CUSTOMER : HARRIS OIL & GAS COMPANY
WELL : #1-31 TEST: 1
ELEVATION:
SECTION : 31
RANGE : 32W COUNTY: SEWARD
GAUGE SN#: 1562 RANGE : 3900

15-17S-21650
TICKET : 22338
LEASE : LAMBERT
GEOLOGIST: FRAULI
FORMATION: MARMATON B
TOWNSHIP : 31S
STATE : KS
CLOCK : 12

CONFIDENTIAL

NOV 1 2
CONFIDENTIAL

WELL INFORMATION

PERFORATION INTERVAL FROM: 4886.00 ft TO: 4944.00 ft TVD: 4944.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4900.0 ft 4903.0 ft
TEMPERATURE: 1.0

DRILL COLLAR LENGTH:	510.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH:	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH:	4349.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH:	27.0 ft	TOOL SIZE:	5.500 in
ANCHOR LENGTH:	58.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE:	0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE:	7.875 in	TOOL JOINT SIZE:	4.5XH
PACKER DEPTH:	4881.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4886.0 ft	SIZE:	6.630 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON. : ALLEN RIG 2
MUD TYPE : CHEMICAL
WEIGHT : 9.100 ppg
CHLORIDES : 3800 ppm
JARS-MAKE : WTC
DID WELL FLOW?: NO

VISCOSITY : 44.00 cp
WATER LOSS: 8.800 cc

SERIAL NUMBER: 411
REVERSED OUT?: NO

COMMENTS

Comment

MISRUN
HIT BRIDGE AT 1750 FT.

CE2A3.118

0001 0 5 111

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
				0.0000	No Data Entered

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME: No Events Created AVERAGE OIL RATE: 0.0000 STB/D AVERAGE WATER RATE: 0.0000 STB/D
GAS VOLUME:	0.0000	SCF	
MUD VOLUME:	0.0000	STB	
WATER VOLUME:	0.0000	STB	
TOTAL FLUID :	0.0000	STB	

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE:		0.00	
Description	Duration	p1	p End
INITIAL FLOW	0.00	0.00	0.00
INITIAL SHUT-IN	0.00		0.00
FINAL FLOW	0.00	0.00	0.00
FINAL SHUT-IN	0.00		0.00
FINAL HYDROSTATIC PRESSURE:		0.00	

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE:		0.00	
Description	Duration	p1	p End
INITIAL FLOW	0.00	0.00	0.00
INITIAL SHUT-IN	0.00		0.00
FINAL HYDROSTATIC PRESSURE:		0.00	



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 22338

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

Elevation _____ Formation Marmaton "B" Eff. Pay _____ Ft.

District PRATT Date 8-4-97 Customer Order No. _____

COMPANY NAME Harris Oil & Gas

ADDRESS _____

LEASE AND WELL NO. Lambert 1-31 COUNTY Sewar STATE Ks Sec 31 Twp 32S Rge 32W

Mail Invoice To _____ No. Copies Requested _____

Co. Name H-1-31 Lambert Address _____ No. Copies Requested 15

Mail Charts To _____ Address _____ No. Copies Requested _____

Formation Test No. 2 Interval Tested From 4886 ft. to 4944 ft. Total Depth 4944 ft.

Packer Depth 4881 ft. Size 6 1/8 in. Packer Depth 5 ft. Size - in.

Packer Depth 4886 ft. Size 6 3/8 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4900 ft. Recorder Number 1562 Cap. 3900

Bottom Recorder Depth (Outside) 4903 ft. Recorder Number 13221 Cap. 4

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

Drilling Contractor Allen #2 Drill Collar Length 510 I. D. 2 1/4 in.

Mud Type Chem Viscosity 9.1 Weight Pipe Length _____ I. D. _____ in.

Weight 4.1 Water Loss 8.8 cc. Drill Pipe Length 4349 I. D. 3.8 in.

Chlorides 3800 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 in.

Jars: Make WTC Serial Number 411 Anchor Length 58 ft. Size 5 1/2 in.

Did Well Flow? _____ Reversed Out _____ Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

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

Blow: _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

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

Time On Location 4:45 A.M. Time Pick Up Tool 6:45 P.M. Time Off Location _____ P.M.

Time Set Packer(s) _____ A.M. Time Started Off Bottom _____ P.M. Maximum Temperature 1 °F

Initial Hydrostatic Pressure _____ (A) _____ P.S.I.

Initial Flow Period _____ Minutes (B) _____ P.S.I. to (C) _____ P.S.I.

Initial Closed In Period _____ Minutes (D) _____ P.S.I.

Final Flow Period _____ Minutes (E) _____ P.S.I. to (F) _____ P.S.I.

Final Closed In Period _____ Minutes (G) _____ P.S.I.

Final Hydrostatic Pressure _____ (H) _____ P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 18% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By _____

Signature of Customer or his authorized representative

Western Representative WK Hagen Thank You!

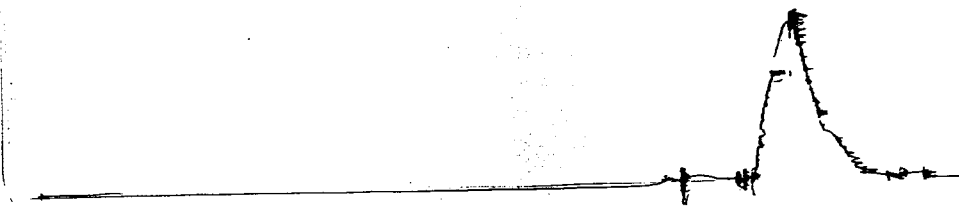
888 937-8837

FIELD INVOICE

Open Hole Test \$ 2
Misrun \$ 1
Straddle Test \$ 1
Jars \$ 1
Selective Zone \$ 1
Safety Joint \$ 1
Standby \$ 1
Shale Packer \$ 1
Extra Packer \$ 1
Circ. Sub. \$ 1
Mileage \$ 1
Fluid Sampler \$ 1
Extra Charts \$ 1

1322
254#1
Top

KT 2238



Inside Recorder

13221
254#1
Bottom

KT 2238



Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE : 8/5/97
CUSTOMER : HARRIS OIL & GAS COMPANY
WELL : #1-31 TEST: 2
ELEVATION: 2866 KB
SECTION : 31
RANGE : 32W COUNTY: SEWARD
GAUGE SN#: 1562 RANGE : 3900

TICKET : 22339
LEASE : LAMBERT
GEOLOGIST: FRAULI
FORMATION: MARMATON B
TOWNSHIP : 31S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4886.00 ft TO: 4944.00 ft TVD: 4944.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: GAS
DEPTH OF RECORDERS: 4900.0 ft 4903.0 ft
TEMPERATURE: 124.0

DRILL COLLAR LENGTH:	510.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	4349.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	27.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	58.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5XH
PACKER DEPTH:	4881.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4886.0 ft	SIZE:	6.630 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON. : ALLEN RIG 2
MUD TYPE : CHEMICAL
WEIGHT : 9.100 ppg
CHLORIDES : 3800 ppm
JARS-MAKE : WTC
DID WELL FLOW?: YES

VISCOSITY : 44.00 cp
WATER LOSS: 8.800 cc

SERIAL NUMBER: 411
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW WITH GAS TO
SURFACE IN 10 MINUTES. SEE GAS REPORT.
31 FT DRILL PIPE IN ANCHOR

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
220.0	0.1	10.0	0.0	89.9	GASSY MUD WITH A SCUM OF
0.0	0.0	0.0	0.0	0.0	OIL-LESS THAN 1% OIL
200.0	30.0	8.0	10.0	52.0	GAS & OIL CUT MUD
0.0	0.0	0.0	0.0	0.0	CHLORIDES 4100 PPM

RATE INFORMATION

OIL VOLUME:	0.2961 STB	
GAS VOLUME:	1.0492 SCF	
MUD VOLUME:	1.4840 STB	
WATER VOLUME:	0.0983 STB	
TOTAL FLUID :	1.8785 STB	
		TOTAL FLOW TIME: 90.0000 min.
		AVERAGE OIL RATE: 26.4364 STB/D
		AVERAGE WATER RATE: 3.6193 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2448.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	200.00	170.00
INITIAL SHUT-IN	60.00		1173.00
FINAL FLOW	60.00	140.00	150.00
FINAL SHUT-IN	120.00		1154.00

FINAL HYDROSTATIC PRESSURE: 2359.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2451.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	212.02	184.36
INITIAL SHUT-IN	60.00		1164.94
FINAL FLOW	60.00	169.60	159.87
FINAL SHUT-IN	120.00		1167.66

FINAL HYDROSTATIC PRESSURE: 2358.00

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 8/5/97	TICKET : 22339
CUSTOMER : HARRIS OIL & GAS COMPANY	LEASE : LAMBERT
WELL : #1-31 TEST: 2	GEOLOGIST: FRAULI
ELEVATION: 2866 KB	FORMATION: MARMATON B
SECTION : 31	TOWNSHIP : 31S
RANGE : 32W COUNTY: SEWARD	STATE : KS
GAUGE SN#: 1562 RANGE : 3900	CLOCK : 12

PRE FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
15 MIN	MERLA	1.250	15" WATER	170000 SCF/D
20 MIN	MERLA	1.250	10" WATER	138000 SCF/D
25 MIN	MERLA	1.250	7" WATER	116000 SCF/D
30 MIN	MERLA	1.250	6.5" WATER	112000 SCF/D

SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
10 MIN	MERLA	1.500	12" WATER	241000 SCF/D
20 MIN	MERLA	1.250	7" WATER	116000 SCF/D
30 MIN	MERLA	1.000	10" WATER	81600 SCF/D
40 MIN	MERLA	1.000	8" WATER	73100 SCF/D
50 MIN	MERLA	1.000	7" WATER	68300 SCF/D
60 MIN	MERLA	1.000	6.5" WATER	65800 SCF/D

Company: HARIS OIL & GAS COMPANY
Well: LAMBERT #1-31
Field: TKT 22339 DST 2

[Tuesday: Aug. 5, 1997]
Page 1

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
START FLOW 1				
1	0	4:38: 4	0.0000	212.02
6	0	4:38:40	0.0100	211.99
11	0	4:39:16	0.0200	211.97
16	0	4:39:52	0.0299	208.61
21	0	4:40:28	0.0399	206.08
26	0	4:41: 4	0.0498	204.39
31	0	4:41:39	0.0598	202.70
36	0	4:42:15	0.0698	201.01
41	0	4:42:51	0.0797	199.32
46	0	4:43:27	0.0897	197.63
51	0	4:44: 3	0.0997	196.77
56	0	4:44:39	0.1097	195.91
61	0	4:45:15	0.1196	194.21
66	0	4:45:51	0.1296	193.36
71	0	4:46:27	0.1396	191.66
76	0	4:47: 3	0.1495	190.80
81	0	4:47:38	0.1595	189.95
86	0	4:48:14	0.1695	189.09
91	0	4:48:50	0.1795	188.23
96	0	4:49:26	0.1895	187.37
101	0	4:50: 2	0.1994	186.51
106	0	4:50:38	0.2094	185.65
111	0	4:51:14	0.2194	185.62
116	0	4:51:50	0.2294	184.76
121	0	4:52:26	0.2394	184.74
126	0	4:53: 2	0.2494	183.88
131	0	4:53:38	0.2593	183.02
136	0	4:54:14	0.2693	182.99
141	0	4:54:50	0.2793	182.96
146	0	4:55:26	0.2893	183.77
151	0	4:56: 2	0.2993	182.08
156	0	4:56:38	0.3093	182.05
161	0	4:57:14	0.3193	181.19
166	0	4:57:49	0.3292	181.17
171	0	4:58:25	0.3392	181.14
176	0	4:59: 1	0.3492	181.11
181	0	4:59:37	0.3592	181.09
186	0	5: 0:13	0.3692	181.06
191	0	5: 0:50	0.3793	184.36
END FLOW 1				
START SHUTIN 1				
194	0	5: 1:11	0.3853	187.68
196	0	5: 1:26	0.3894	191.83
201	0	5: 2: 3	0.3996	206.79
206	0	5: 2:40	0.4099	224.25
211	0	5: 3:17	0.4202	248.37
215	0	5: 3:47	0.4287	279.15
220	0	5: 4:25	0.4392	310.77
224	0	5: 4:55	0.4475	336.56
228	0	5: 5:26	0.4561	374.00
232	0	5: 5:56	0.4645	397.30
236	0	5: 6:27	0.4730	433.91
240	0	5: 6:57	0.4814	457.20
244	0	5: 7:27	0.4898	483.83

WESTERN TESTING CO., INC.

Company: HARIS OIL & GAS COMPANY

Well: LAMBERT #1-31

Field: TKT 22339 DST 2

[Tuesday: Aug. 5, 1997]

Page 2

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
248	0	5: 7:58	0.4983	517.11
252	0	5: 8:28	0.5067	543.73
257	0	5: 9: 5	0.5170	563.69
261	0	5: 9:36	0.5254	592.81
265	0	5:10: 6	0.5338	616.93
269	0	5:10:36	0.5422	642.72
274	0	5:11:13	0.5526	668.51
279	0	5:11:51	0.5630	696.79
284	0	5:12:28	0.5733	716.75
289	0	5:13: 5	0.5836	740.03
294	0	5:13:43	0.5940	764.99
299	0	5:14:20	0.6043	783.28
304	0	5:14:57	0.6146	803.23
309	0	5:15:34	0.6248	819.86
314	0	5:16:11	0.6351	838.98
319	0	5:16:48	0.6454	856.44
324	0	5:17:25	0.6557	875.56
329	0	5:18: 1	0.6658	885.70
334	0	5:18:38	0.6760	900.23
339	0	5:19:15	0.6862	913.90
344	0	5:19:51	0.6964	926.70
349	0	5:20:28	0.7066	938.69
354	0	5:21: 5	0.7168	950.00
359	0	5:21:41	0.7269	960.76
364	0	5:22:18	0.7371	971.06
369	0	5:22:54	0.7472	980.93
374	0	5:23:31	0.7573	990.37
379	0	5:24: 7	0.7675	999.38
384	0	5:24:44	0.7776	1007.77
389	0	5:25:20	0.7877	1015.68
394	0	5:25:56	0.7978	1023.08
399	0	5:26:33	0.8079	1029.98
404	0	5:27: 9	0.8180	1036.44
409	0	5:27:45	0.8281	1042.50
414	0	5:28:22	0.8382	1048.20
419	0	5:28:58	0.8483	1053.57
424	0	5:29:34	0.8583	1058.63
429	0	5:30:10	0.8684	1063.42
434	0	5:30:47	0.8785	1067.95
439	0	5:31:23	0.8885	1072.24
444	0	5:31:59	0.8986	1076.29
449	0	5:32:35	0.9086	1080.10
454	0	5:33:11	0.9187	1083.68
459	0	5:33:48	0.9287	1087.04
464	0	5:34:24	0.9388	1090.21
469	0	5:35: 0	0.9488	1093.19
474	0	5:35:36	0.9588	1096.00
479	0	5:36:12	0.9689	1098.67
484	0	5:36:48	0.9789	1101.19
489	0	5:37:24	0.9889	1103.60
494	0	5:38: 0	0.9990	1105.90
499	0	5:38:37	1.0090	1108.10
504	0	5:39:13	1.0190	1110.23
509	0	5:39:49	1.0290	1112.29
514	0	5:40:25	1.0390	1114.29

WESTERN TESTING CO., INC.

Company: HARIS OIL & GAS COMPANY

Well: LAMBERT #1-31

Field: TKT 22339 DST 2

[Tuesday: Aug. 5, 1997]

Page 3

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
519	0	5:41: 1	1.0491	1115.81
524	0	5:41:37	1.0591	1117.39
529	0	5:42:13	1.0691	1118.96
534	0	5:42:49	1.0791	1120.53
539	0	5:43:25	1.0891	1122.10
544	0	5:44: 1	1.0992	1123.65
549	0	5:44:37	1.1092	1125.19
554	0	5:45:13	1.1192	1126.73
559	0	5:45:49	1.1292	1128.25
564	0	5:46:25	1.1392	1129.76
569	0	5:47: 1	1.1492	1131.25
574	0	5:47:37	1.1592	1132.73
579	0	5:48:14	1.1693	1134.18
584	0	5:48:50	1.1793	1135.62
589	0	5:49:26	1.1893	1137.03
594	0	5:50: 2	1.1993	1138.41
599	0	5:50:38	1.2093	1139.77
604	0	5:51:14	1.2193	1141.09
609	0	5:51:50	1.2293	1142.38
614	0	5:52:26	1.2394	1143.63
619	0	5:53: 2	1.2494	1144.84
624	0	5:53:38	1.2594	1146.02
629	0	5:54:14	1.2694	1147.16
634	0	5:54:50	1.2794	1148.27
639	0	5:55:26	1.2894	1149.33
644	0	5:56: 2	1.2994	1150.37
649	0	5:56:38	1.3094	1151.38
654	0	5:57:14	1.3194	1152.37
659	0	5:57:50	1.3294	1152.98
664	0	5:58:26	1.3394	1153.79
669	0	5:59: 2	1.3494	1154.70
674	0	5:59:38	1.3594	1155.73
679	0	6: 0:14	1.3694	1156.84
684	0	6: 0:50	1.3795	1157.98
689	0	6: 1:26	1.3895	1159.10
694	0	6: 2: 2	1.3995	1160.13
699	0	6: 2:38	1.4095	1161.00
704	0	6: 3:14	1.4195	1161.69
709	0	6: 3:50	1.4295	1162.28
714	0	6: 4:26	1.4395	1164.09
719	0	6: 5: 2	1.4495	1164.94
END SHUTIN 1				
START FLOW 2				
721	0	6:10:43	1.5441	169.60
726	0	6:11:19	1.5541	169.57
731	0	6:11:55	1.5641	169.55
736	0	6:12:31	1.5741	168.69
741	0	6:13: 7	1.5840	166.16
746	0	6:13:42	1.5940	163.64
751	0	6:14:18	1.6039	161.95
756	0	6:14:54	1.6139	159.42
761	0	6:15:30	1.6238	158.56
766	0	6:16: 6	1.6338	156.87
771	0	6:16:42	1.6438	156.01
776	0	6:17:18	1.6538	154.32

WESTERN TESTING CO., INC.

Company: HARIS OIL & GAS COMPANY
Well: LAMBERT #1-31
Field: TKT 22339 DST 2

[Tuesday: Aug. 5, 1997]
Page 4

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
781	0	6:17:54	1.6637	153.46
786	0	6:18:30	1.6737	152.60
791	0	6:19: 6	1.6837	152.58
796	0	6:19:41	1.6937	151.72
801	0	6:20:17	1.7037	151.69
806	0	6:20:53	1.7137	150.83
811	0	6:21:29	1.7236	150.80
816	0	6:22: 5	1.7336	150.78
821	0	6:22:41	1.7436	150.75
826	0	6:23:17	1.7536	150.72
831	0	6:23:53	1.7636	151.53
836	0	6:24:29	1.7736	151.50
841	0	6:25: 5	1.7836	151.48
846	0	6:25:41	1.7936	152.28
851	0	6:26:17	1.8036	152.26
856	0	6:26:53	1.8136	152.23
861	0	6:27:29	1.8236	152.20
866	0	6:28: 5	1.8336	152.18
871	0	6:28:41	1.8436	152.98
876	0	6:29:17	1.8536	153.79
881	0	6:29:53	1.8636	153.76
886	0	6:30:29	1.8736	154.57
891	0	6:31: 5	1.8836	154.54
896	0	6:31:41	1.8936	154.51
901	0	6:32:17	1.9036	155.32
906	0	6:32:53	1.9136	156.13
911	0	6:33:29	1.9236	156.10
916	0	6:34: 5	1.9336	156.07
921	0	6:34:41	1.9436	156.88
926	0	6:35:17	1.9536	156.85
931	0	6:35:53	1.9635	156.83
936	0	6:36:29	1.9736	157.63
941	0	6:37: 5	1.9835	157.61
946	0	6:37:41	1.9935	157.58
951	0	6:38:17	2.0035	157.55
956	0	6:38:53	2.0135	158.36
961	0	6:39:29	2.0235	158.33
966	0	6:40: 5	2.0335	158.30
971	0	6:40:41	2.0435	158.28
976	0	6:41:17	2.0535	158.25
981	0	6:41:53	2.0635	158.22
986	0	6:42:29	2.0735	158.20
991	0	6:43: 5	2.0835	158.17
996	0	6:43:41	2.0935	158.14
1001	0	6:44:17	2.1035	158.12
1006	0	6:44:53	2.1134	158.09
1011	0	6:45:29	2.1234	158.06
1016	0	6:46: 5	2.1334	158.04
1021	0	6:46:41	2.1434	158.84
1026	0	6:47:16	2.1534	157.98
1031	0	6:47:52	2.1634	157.96
1036	0	6:48:28	2.1734	158.76
1041	0	6:49: 4	2.1834	158.74
1046	0	6:49:40	2.1934	158.71
1051	0	6:50:16	2.2034	158.68

WESTERN TESTING CO., INC.

Company: HARIS OIL & GAS COMPANY
Well: LAMBERT #1-31
Field: TKT 22339 DST 2

[Tuesday: Aug. 5, 1997]
Page 5

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
1056	0	6:50:52	2.2134	158.66
1061	0	6:51:28	2.2234	158.63
1066	0	6:52: 4	2.2334	158.60
1071	0	6:52:40	2.2433	157.75
1076	0	6:53:16	2.2533	157.72
1081	0	6:53:52	2.2633	157.69
1086	0	6:54:28	2.2733	157.67
1091	0	6:55: 4	2.2833	157.64
1096	0	6:55:40	2.2933	157.61
1101	0	6:56:16	2.3033	157.59
1106	0	6:56:52	2.3133	157.56
1111	0	6:57:28	2.3233	157.53
1116	0	6:58: 4	2.3333	157.51
1121	0	6:58:40	2.3433	158.31
1126	0	6:59:16	2.3533	158.28
1131	0	6:59:52	2.3633	158.26
1136	0	7: 0:28	2.3732	158.23
1141	0	7: 1: 4	2.3833	159.87
		END FLOW 2		
		START SHUTIN 2		
1146	0	7: 1:40	2.3933	164.84
1151	0	7: 2:17	2.4034	172.31
1156	0	7: 2:53	2.4136	181.44
1161	0	7: 3:30	2.4238	195.57
1166	0	7: 4: 7	2.4340	213.02
1171	0	7: 4:44	2.4444	240.47
1176	0	7: 5:21	2.4546	253.77
1181	0	7: 5:58	2.4650	277.89
1186	0	7: 6:35	2.4753	299.51
1191	0	7: 7:13	2.4857	327.79
1196	0	7: 7:50	2.4961	348.58
1201	0	7: 8:27	2.5064	372.70
1206	0	7: 9: 4	2.5167	394.32
1211	0	7: 9:42	2.5271	417.61
1216	0	7:10:19	2.5375	441.73
1221	0	7:10:56	2.5478	464.18
1226	0	7:11:33	2.5581	484.97
1231	0	7:12:11	2.5685	509.09
1236	0	7:12:48	2.5788	530.71
1241	0	7:13:25	2.5891	554.00
1246	0	7:14: 2	2.5994	568.96
1251	0	7:14:39	2.6097	589.75
1256	0	7:15:16	2.6199	605.54
1261	0	7:15:53	2.6302	626.33
1266	0	7:16:30	2.6405	642.13
1271	0	7:17: 7	2.6508	662.08
1276	0	7:17:44	2.6610	677.87
1281	0	7:18:21	2.6712	695.33
1286	0	7:18:58	2.6815	711.13
1291	0	7:19:34	2.6917	728.58
1296	0	7:20:11	2.7019	741.05
1301	0	7:20:48	2.7122	757.67
1306	0	7:21:25	2.7224	770.97
1311	0	7:22: 2	2.7326	785.93
1316	0	7:22:38	2.7428	799.22

WESTERN TESTING CO., INC.

Company: HARIS OIL & GAS COMPANY
Well: LAMBERT #1-31
Field: TKT 22339 DST 2

[Tuesday: Aug. 5, 1997]
Page 6

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
1321	0	7:23:15	2.7530	812.52
1326	0	7:23:52	2.7632	824.15
1331	0	7:24:28	2.7733	835.78
1336	0	7:25: 5	2.7835	849.08
1341	0	7:25:42	2.7937	861.54
1346	0	7:26:18	2.8038	870.67
1351	0	7:26:55	2.8140	881.47
1356	0	7:27:31	2.8241	889.77
1361	0	7:28: 8	2.8343	899.73
1366	0	7:28:44	2.8444	908.03
1371	0	7:29:20	2.8545	917.16
1376	0	7:29:57	2.8646	925.46
1381	0	7:30:33	2.8747	932.38
1386	0	7:31: 9	2.8848	938.39
1391	0	7:31:46	2.8949	944.39
1396	0	7:32:22	2.9050	950.35
1401	0	7:32:58	2.9151	956.25
1406	0	7:33:35	2.9251	962.07
1411	0	7:34:11	2.9352	967.80
1416	0	7:34:47	2.9453	973.43
1421	0	7:35:24	2.9554	978.94
1426	0	7:36: 0	2.9654	984.33
1431	0	7:36:36	2.9755	989.55
1436	0	7:37:12	2.9856	994.59
1441	0	7:37:49	2.9957	999.41
1446	0	7:38:25	3.0057	1003.92
1451	0	7:39: 1	3.0158	1008.20
1456	0	7:39:37	3.0258	1012.24
1461	0	7:40:13	3.0359	1016.06
1466	0	7:40:50	3.0459	1019.68
1471	0	7:41:26	3.0560	1023.09
1476	0	7:42: 2	3.0660	1026.34
1481	0	7:42:38	3.0761	1029.43
1486	0	7:43:14	3.0861	1032.39
1491	0	7:43:50	3.0961	1035.24
1496	0	7:44:26	3.1062	1037.99
1501	0	7:45: 3	3.1162	1040.65
1506	0	7:45:39	3.1262	1043.23
1511	0	7:46:15	3.1363	1045.73
1516	0	7:46:51	3.1463	1048.16
1521	0	7:47:27	3.1563	1050.53
1526	0	7:48: 3	3.1664	1052.83
1531	0	7:48:39	3.1764	1055.06
1536	0	7:49:15	3.1864	1057.24
1541	0	7:49:51	3.1964	1059.36
1546	0	7:50:27	3.2065	1061.41
1551	0	7:51: 4	3.2165	1063.41
1556	0	7:51:40	3.2265	1065.35
1561	0	7:52:16	3.2365	1067.23
1566	0	7:52:52	3.2465	1069.05
1571	0	7:53:28	3.2566	1070.81
1576	0	7:54: 4	3.2666	1072.52
1581	0	7:54:40	3.2766	1074.17
1586	0	7:55:16	3.2866	1075.78
1591	0	7:55:52	3.2966	1077.33

WESTERN TESTING CO., INC.

Company: HARIS OIL & GAS COMPANY
Well: LAMBERT #1-31
Field: TKT 22339 DST 2

[Tuesday: Aug. 5, 1997]
Page 7

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
1596	0	7:56:28	3.3066	1078.85
1601	0	7:57: 4	3.3167	1080.32
1606	0	7:57:40	3.3267	1081.77
1611	0	7:58:16	3.3367	1083.17
1616	0	7:58:52	3.3467	1084.56
1621	0	7:59:28	3.3567	1085.91
1626	0	8: 0: 4	3.3667	1087.24
1631	0	8: 0:40	3.3767	1088.55
1636	0	8: 1:17	3.3868	1089.85
1641	0	8: 1:53	3.3968	1091.12
1646	0	8: 2:29	3.4068	1092.38
1651	0	8: 3: 5	3.4168	1093.62
1656	0	8: 3:41	3.4268	1094.84
1661	0	8: 4:17	3.4368	1096.05
1666	0	8: 4:53	3.4468	1097.25
1671	0	8: 5:29	3.4568	1098.43
1676	0	8: 6: 5	3.4668	1099.59
1681	0	8: 6:41	3.4769	1100.74
1686	0	8: 7:17	3.4869	1101.88
1691	0	8: 7:53	3.4969	1103.00
1696	0	8: 8:29	3.5069	1104.10
1701	0	8: 9: 5	3.5169	1105.19
1706	0	8: 9:41	3.5269	1106.27
1711	0	8:10:17	3.5369	1107.33
1716	0	8:10:53	3.5469	1108.37
1721	0	8:11:29	3.5569	1109.40
1726	0	8:12: 5	3.5669	1110.41
1731	0	8:12:41	3.5769	1111.40
1736	0	8:13:17	3.5869	1112.38
1741	0	8:13:53	3.5970	1113.34
1746	0	8:14:29	3.6070	1114.28
1751	0	8:15: 5	3.6170	1115.22
1756	0	8:15:41	3.6270	1116.14
1761	0	8:16:17	3.6370	1117.04
1766	0	8:16:53	3.6470	1117.94
1771	0	8:17:29	3.6570	1118.82
1776	0	8:18: 5	3.6670	1119.70
1781	0	8:18:41	3.6770	1120.56
1786	0	8:19:17	3.6870	1121.41
1791	0	8:19:53	3.6970	1122.25
1796	0	8:20:29	3.7070	1123.09
1801	0	8:21: 5	3.7170	1123.92
1806	0	8:21:41	3.7270	1124.74
1811	0	8:22:17	3.7370	1125.56
1816	0	8:22:54	3.7470	1126.39
1821	0	8:23:30	3.7570	1127.04
1826	0	8:24: 5	3.7670	1127.02
1831	0	8:24:42	3.7771	1128.62
1836	0	8:25:18	3.7871	1129.41
1841	0	8:25:54	3.7970	1129.39
1846	0	8:26:30	3.8070	1130.18
1851	0	8:27: 6	3.8171	1130.97
1856	0	8:27:42	3.8271	1131.76
1861	0	8:28:18	3.8371	1132.55
1866	0	8:28:54	3.8471	1132.52

WESTERN TESTING CO., INC.

Company: HARIS OIL & GAS COMPANY
Well: LAMBERT #1-31
Field: TKT 22339 DST 2

[Tuesday: Aug. 5, 1997]
Page 8

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
1871	0	8:29:30	3.8571	1133.31
1876	0	8:30: 6	3.8671	1134.10
1881	0	8:30:42	3.8771	1134.89
1886	0	8:31:18	3.8871	1135.68
1891	0	8:31:54	3.8971	1136.47
1896	0	8:32:30	3.9071	1137.26
1901	0	8:33: 6	3.9171	1137.24
1906	0	8:33:42	3.9271	1138.03
1911	0	8:34:18	3.9371	1138.82
1916	0	8:34:54	3.9471	1139.61
1921	0	8:35:30	3.9571	1139.58
1926	0	8:36: 6	3.9671	1140.37
1931	0	8:36:42	3.9771	1141.16
1936	0	8:37:18	3.9871	1141.14
1941	0	8:37:54	3.9971	1142.74
1946	0	8:38:30	4.0071	1143.53
1951	0	8:39: 6	4.0171	1143.51
1956	0	8:39:42	4.0271	1144.30
1961	0	8:40:18	4.0371	1145.09
1966	0	8:40:54	4.0471	1145.06
1971	0	8:41:30	4.0571	1145.85
1976	0	8:42: 6	4.0671	1145.82
1981	0	8:42:42	4.0771	1147.43
1986	0	8:43:18	4.0871	1147.40
1991	0	8:43:54	4.0971	1148.19
1996	0	8:44:30	4.1071	1148.98
2001	0	8:45: 6	4.1171	1148.96
2006	0	8:45:42	4.1271	1149.75
2011	0	8:46:18	4.1371	1149.72
2016	0	8:46:54	4.1471	1150.51
2021	0	8:47:30	4.1571	1151.30
2026	0	8:48: 6	4.1671	1152.09
2031	0	8:48:42	4.1771	1152.88
2036	0	8:49:18	4.1871	1152.86
2041	0	8:49:54	4.1971	1153.65
2046	0	8:50:30	4.2071	1154.44
2051	0	8:51: 6	4.2171	1154.41
2056	0	8:51:42	4.2271	1155.20
2061	0	8:52:18	4.2371	1155.18
2066	0	8:52:54	4.2471	1155.97
2071	0	8:53:30	4.2571	1156.76
2076	0	8:54: 6	4.2671	1156.73
2081	0	8:54:42	4.2771	1157.52
2086	0	8:55:18	4.2871	1158.31
2091	0	8:55:54	4.2971	1159.10
2096	0	8:56:30	4.3071	1159.07
2101	0	8:57: 6	4.3171	1159.86
2106	0	8:57:42	4.3271	1159.84
2111	0	8:58:18	4.3371	1160.63
2116	0	8:58:54	4.3471	1161.42
2121	0	8:59:30	4.3571	1162.21
2126	0	9: 0: 6	4.3671	1163.00
2131	0	9: 0:42	4.3771	1162.97
2136	0	9: 1:18	4.3871	1163.76
2141	0	9: 1:54	4.3971	1164.55

WESTERN TESTING CO., INC.

Company: HARIS OIL & GAS COMPANY

Well: LAMBERT #1-31

Field: TKT 22339 DST 2

[Tuesday: Aug. 5, 1997]

Page 9

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
2146	0	9: 2:30	4.4071	1164.53
2151	0	9: 3: 6	4.4171	1165.32
2156	0	9: 3:42	4.4271	1166.11
2161	0	9: 4:18	4.4371	1166.90
2166	0	9: 4:54	4.4471	1166.87
2171	0	9: 5:30	4.4571	1167.64
2176	0	9: 6: 6	4.4671	1167.66

WESTERN TESTING CO., INC.



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

FORMATION TESTING

TICKET No. 22339

Elevation 2846 KB Formation Marmaton B Eff. Pay Ft.

District PRATT Date 8-5-97 Customer Order No.

CO NY NAME HARRIS OIL & GAS

ADDRESS

LEASE AND WELL NO. Lambert 1-31 COUNTY SEWARD STATE Ks Sec. 31 Twp. 32S Rge. 32W

Mail Invoice To JAMK Co. Name JAMK Address No. Copies Requested 2

Mail Charts To JAMK Address No. Copies Requested 2

Formation Test No. 2 Interval Tested From 4886 ft. to 4944 ft. Total Depth 4944 ft.

Packer Depth 4881 ft. Size 6 3/8 in. Packer Depth ft. Size in.

Packer Depth 4886 ft. Size 6 5/8 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4900 ft. Recorder Number 1562 Cap. 3900

Bottom Recorder Depth (Outside) 4903 ft. Recorder Number 1321 Cap. 4450

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Atter #2 Drill Collar Length 510 I. D. 2 1/4 in.

Mud Type Chem Viscosity 44 Weight Pipe Length I. D. in.

Weight 9.1 Water Loss 8.8 cc. Drill Pipe Length 4349 I. D. 3.8 in.

Chlorides 3800 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 in.

Jars: Make LWC Serial Number 411 Anchor Length 58 ft. Size 5 1/2 in.

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

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

Blow: Strong blow with gas to surface in 10 minutes See gas
Reps #1272

R. red 220 ft. of gassy mud with a scum of oil less than 1% oil 10% gas

Recovered 200 ft. of gas & oil gnt mud 8% gas 30% gassy oil 10% water

Recovered ft. of 52% mud

Recovered ft. of

Recovered ft. of

Chlorides 4100 P.P.M. Sample Jars used 7 Remarks: 31' of drill pipe in anchor

Time On Location A.M. Time Pick Up Tool 12:50 A.M. Time Off Location 1:30 A.M.

Time Set Packer(s) 4:35 P.M. Time Started Off Bottom 9:05 P.M. Maximum Temperature 124 °F

Initial Hydrostatic Pressure (A) 2448 P.S.I. 2451

Initial Flow Period 30 Minutes (B) 200 P.S.I. to (C) 170 P.S.I.

Initial Closed In Period 60 Minutes (D) 1173 P.S.I.

Final Flow Period 60 Minutes (E) 140 P.S.I. to (F) 150 P.S.I.

Final Closed In Period 120 Minutes (G) 1159 P.S.I.

Final Hydrostatic Pressure (H) 2359 P.S.I. 2358

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 18% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Signature of Customer or his authorized representative

Western Representative WK Hagen Thank You
888-937-8837

FIELD INVOICE

Open Hole Test \$ ☒
Misrun \$
Straddle Test \$
Jars \$ ☒
Selective Zone \$
Safety Joint \$ ☒
Standby \$
Shale Packer \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$
Elect. Rec. \$

N^o 1272

GAS FLOW REPORT

Date 8-5-97 Ticket 22339 Company HARRIS OIL & GAS
 Well Name and No. LAMBERT 1-31 Dst No. 2 Interval Tested 4886-4944
 County Seward State Ks Sec. 31 Twp. 32S Rg. 32W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
--------------------------	---	--------------------	------------------------------	------------------------------------	---------------------

PRE FLOW

					gas to surface in 10 minutes
15	15"	1 1/4			170 mcf/pd 170
20	10"	1 1/4			138 mcf/pd
25	7"	1 1/4			116 mcf/pd
30	6.5"	1 1/4			112 mcf/pd
					measured in inches of water

SECOND FLOW

10	12"	1 1/2			241 mcf/pd
20	7"	1 1/4			116 " "
30	10"	1"			81.6 " "
40	8"	"			73.1 mcf/pd
50	7"	"			68.3 " "
60	6.5	1"			65.8 mcf/pd
					measured in inches of water

GAS BOTTLE

Serial No. WTC Date Bottle Filled 8-5-97 Date to be Invoiced _____

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Harris Oil & Gas

Authorized by _____

NATURAL GAS ANALYSIS REPORT

Sampled by:
Western Testing Co.
P. O. Box 1599
Wichita, Kansas 67201-1599
Phone: 316-262-5861
Fax: 316-262-7096

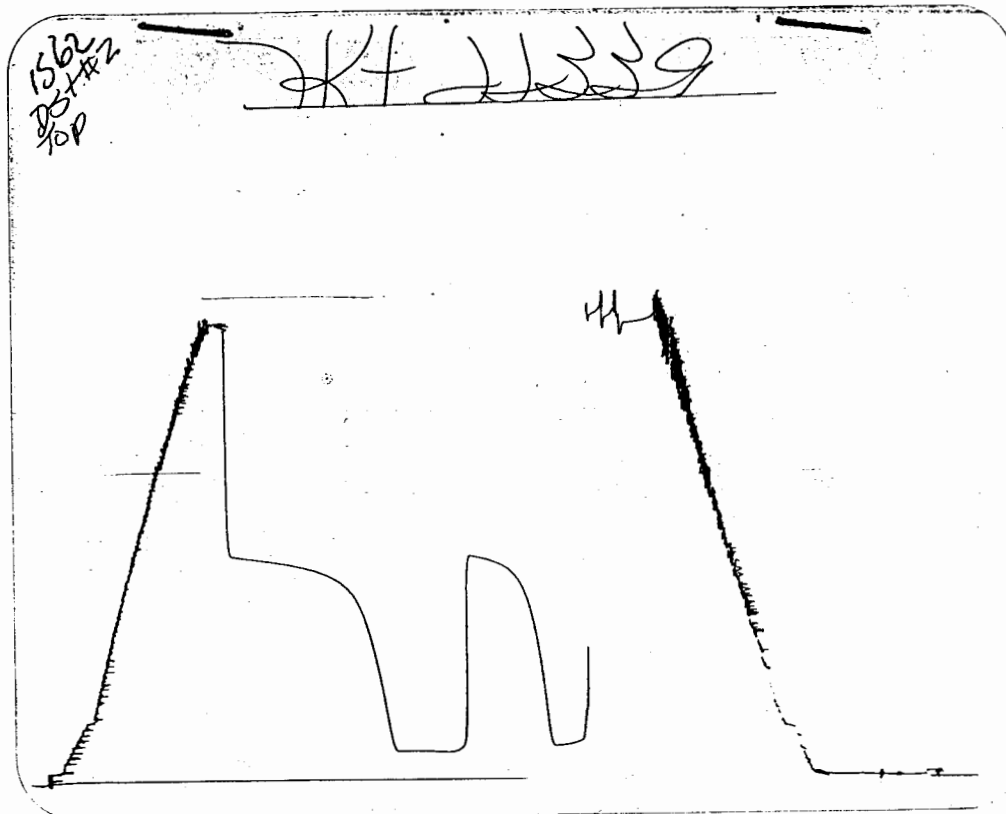
Analyzed by:
Caraway Analytical, Inc.
P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number:	972277	Analyzed:	08/06/97
Sample From:	Lambert 1-31 DST 2	Pressure:	
Producer:	Harris Oil & Gas	Temperature:	
Date:		Location:	31-32-32
Time:		County:	Seward
Sampler:		State:	Kansas
Source:		Formation:	Marmaton B

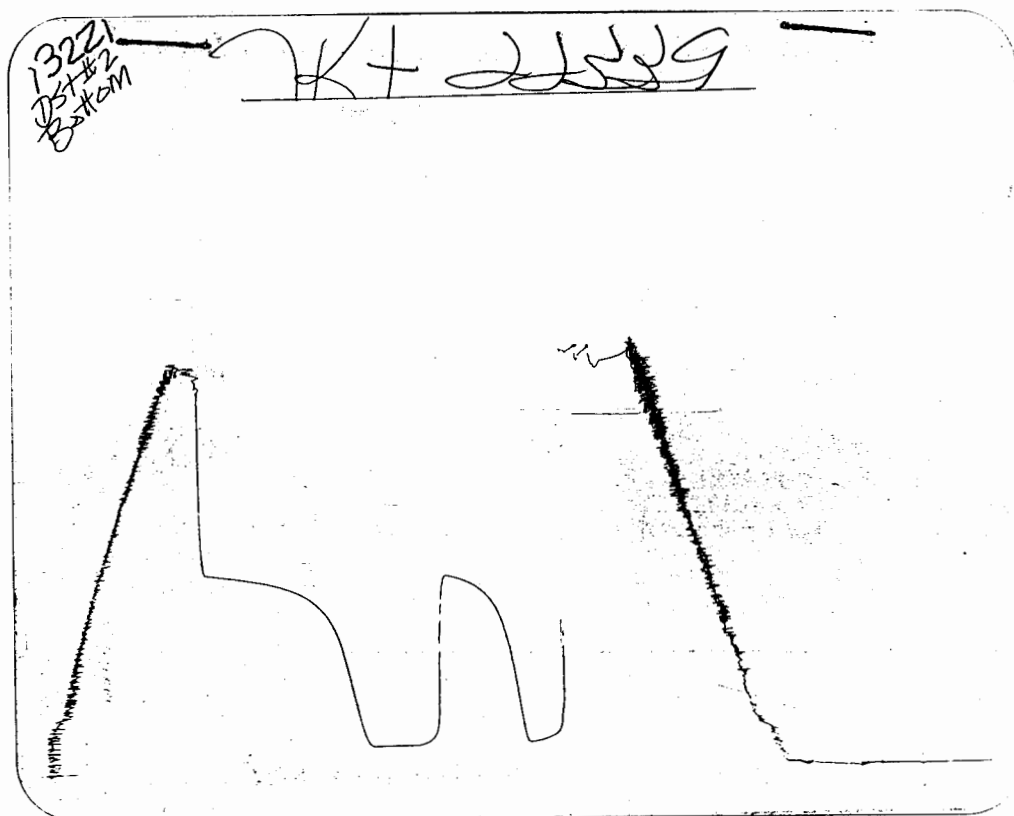
	Mole %	GPM
Helium	He: 0.231	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 13.867	0.000
Carbon Dioxide	CO2: 0.065	0.000
Methane	C1: 66.860	0.000
Ethane	C2: 7.822	2.092
Propane	C3: 6.426	1.771
Iso Butane	iC4: 0.735	0.240
Normal Butane	nC4: 1.992	0.628
Iso Pentane	iC5: 0.462	0.169
Normal Pentane	nC5: 0.525	0.190
Hexanes Plus	C6+: 1.015	0.443

TOTAL: 100.000 5.533
Z Fact: 0.9967
SP.GR.: 0.7968
BTU (SAT): 1142.1 @ 14.73 psia
BTU (DRY): 1162.3 @ 14.73 psia
OCTANE RATING: 104.6

COMMENTS: 65.8 mcf/d 4886-4994 0.000



Inside Recorder



Outside Recorder