

WELL NAME:	G & G #4
COMPANY:	Berexco, Inc.
LOCATION:	21-30S-41W Stanton co Kansas
DATE:	8/2/00

TRILOBITE TESTING L.L.C.

OPERATOR : Berexco Inc.

DATE 7-28-00

WELL NAME: G & G #4

KB 3397.00 ft

TICKET NO: 12640 DST #1

LOCATION : 21-30S-41W Stanton co KS

GR 3386.00 ft

FORMATION: Upper Morrow

INTERVAL : 5068.00 To 5097.00 ft

TD 5097.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	10242	10242	3017			PF Fr. 0255 to 0310 hr
SI 30 Range(Psi)	4175.0	4175.0	5000.0	0.0	0.0	IS Fr. 0310 to 0340 hr
SF 90 Clock(hrs)	12 HR	12 HR	Elect			SF Fr. 0340 to 0510 hr
FS 120 Depth(ft)	5094.0	5094.0	5070.0	0.0	0.0	FS Fr. 0510 to 0710 hr

	Field	1	2	3	4	
A. Init Hydro	2503.0	2517.0	2435.0	0.0	0.0	T STARTED 0010 hr
B. First Flow	70.0	85.0	20.0	0.0	0.0	T ON BOTM 0252 hr
B1. Final Flow	70.0	81.0	25.0	0.0	0.0	T OPEN 0255 hr
C. In Shut-in	1169.0	1177.0	1174.0	0.0	0.0	T PULLED 0710 hr
D. Init Flow	60.0	74.0	19.0	0.0	0.0	T OUT 1020 hr
E. Final Flow	60.0	71.0	37.0	0.0	0.0	
F. Fl Shut-in	1170.0	1176.0	1173.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2448.0	2425.0	2405.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	I	I	I			Wt Set On Packer 23000.00 lbs
						Wt Pulled Loose 6000.00 lbs
						Initial Str Wt 73000.00 lbs
						Unseated Str Wt 74000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 369.00 ft
						D.P. Length 4693.00 ft

RECOVERY

Tot Fluid 20.00 ft of	20.00 ft in DC and	0.00 ft in DP
5042.00 ft of Gas in pipe		
20.00 ft of Mud		
0.00 ft of 100% 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		
SALINITY 0.00 P.P.M.	A.P.I. Gravity 0.00	

BLOW DESCRIPTION

Initial Flow:
 Strong bottom of bucket immediately.
 Cracked 2" slightly.

Initial Shut-In:
 No blow back.

Final Flow:
 Strong bottom of bucket immediately.
 Gas to surface in 6 minutes. Gauged
 53,300 building to 121,000 CFPD in
 90 minutes.

Final Shut-In:
 No blow back.

Gas burned.

SAMPLES: One

SENT TO:Caraway

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/c:
Vis.	59.00 S/L
W.L.	8.40 in3
F.C.	0.00 in
Mud Drop Y	20.0 ft
Amt. of fill	0.00 ft
Btm. H. Temp.	112.00 F
Hole Condition	Good
% Porosity	22.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Lanny Saloga
Co. Rep.	Ed Grieves
Contr.	Big A
Rig #	4
Unit #	
Pump T.	

Test Successful: Y

GAS RECOVERY

COMPANY: Berexco Inc.

DATE: 7-28-00

WELL NAME: G & G #4

KB Elev: 3397.00 ft TICKET #12640 DST #1

WELL LOCATION: 21-30S-41W Stanton co KS

GR Elev: 3386.00 ft FORMATION: Upper Morrow

INTERVAL Fr.: 5068.00 To 5097.00 T.D.: 5097.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Merla Orifice

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.75	0	14	53300.0
20	0.75	0	24	69500.0
30	0.75	0	32	80300.0
40	0.75	0	40	89800.0
50	1.00	0	17	106000.0
60	1.00	0	19	113000.0
70	1.00	0	21	119000.0
80	1.00	0	22	121000.0
90	1.00	0	22	121000.0

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: G & G #4

LOCATION : 21-30S-41W Stanton co KS

TICKET No. 12640 D.S.T. No. 1 DATE 7-28-00

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 29

TOTAL TOOL 56

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.	Stands	Single	Total
-------------------	--------	--------	-------

D.P. ANCHOR STND.Stands	Single	Total
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34
35	35	35
36	36	36
37	37	37
38	38	38
39	39	39
40	40	40
41	41	41
42	42	42
43	43	43
44	44	44
45	45	45
46	46	46
47	47	47
48	48	48
49	49	49
50	50	50
51	51	51
52	52	52
53	53	53
54	54	54
55	55	55
56	56	56
57	57	57
58	58	58
59	59	59
60	60	60
61	61	61
62	62	62
63	63	63
64	64	64
65	65	65
66	66	66
67	67	67
68	68	68
69	69	69
70	70	70
71	71	71
72	72	72
73	73	73
74	74	74
75	75	75
76	76	76
77	77	77
78	78	78
79	79	79
80	80	80
81	81	81
82	82	82
83	83	83
84	84	84
85	85	85
86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

TOTAL ASSEMBLY

D.C. ABOVE TOOLS.Stands	6 Single	Total 369
-------------------------	----------	-----------

D.P. ABOVE TOOLS.Stands 76 Single Total 4693

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5118

TOTAL DEPTH 5097

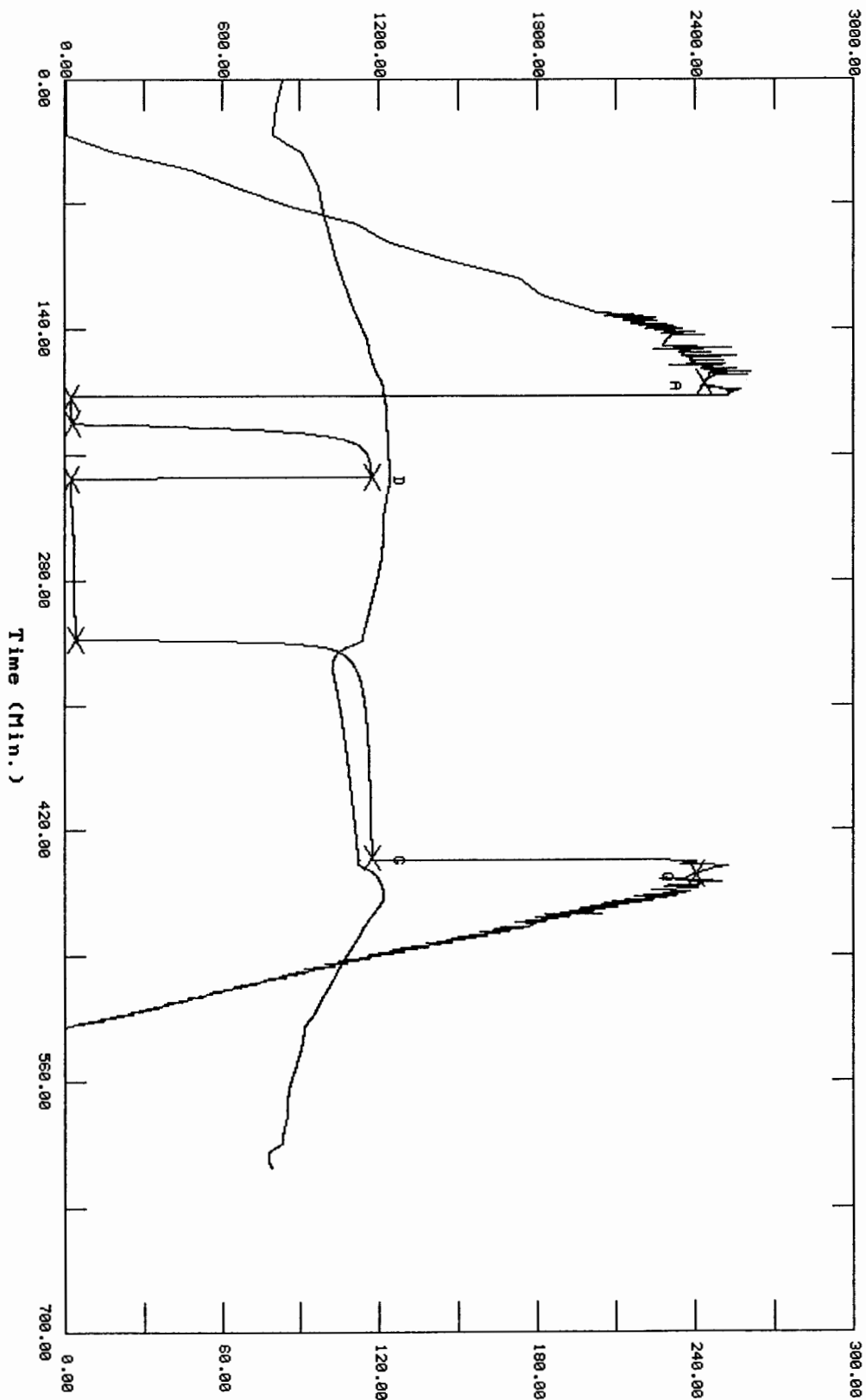
TOTAL DRILL PIPE ABOVE K.B. 21

REMARKS:

[illegible]

12640 D.S.T.#1 G & G #4 Berexco Inc. TEST HISTORY

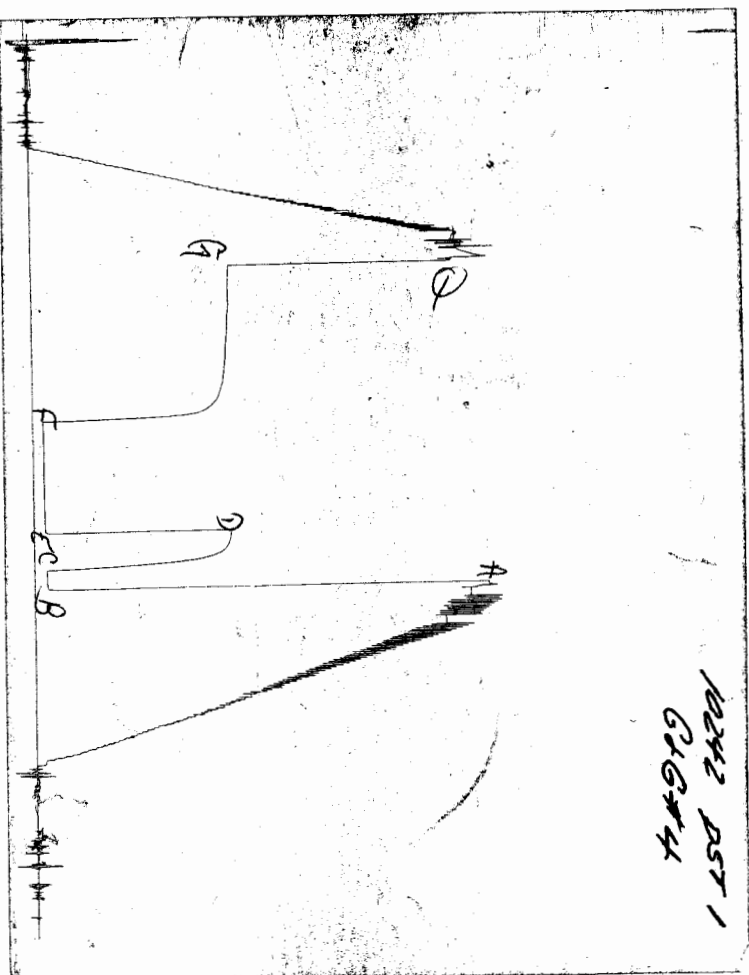
	Flag Points	
t (Min.)	P (PSig)	
A:	0.00	2435.54
B:	0.00	20.83
C:	14.50	25.28
D:	30.00	1174.14
E:	0.00	19.91
F:	89.75	37.54
G:	122.25	1173.44
H:	0.00	2405.54



Pressure (PSig)

Temperature (DEG F)

CHART PAGE



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



GAS VOLUME REPORT

C & C #4

DST NO

GTS 6 min. into F.F.P.

Z. F. P.

F.F.P.

Remarks:

marks: Cars burned,
1 sample to Caraway

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 12640

Well Name & No.	<u>G & G #4</u>	Test No.	<u>1</u>	Date	<u>7-28-00</u>
Company	<u>Berexco Inc.</u>	Zone Tested	<u>Upper Permian</u>		
Address	<u>100 N. Broadway, Suite 970 Wichita KS.</u>	Elevation	<u>3397</u>	KB	<u>3386</u> GL
Co. Rep / Geo.	<u>Ed Gruber</u>	Cont.	<u>Rig A Rig 4</u>	Est. Ft. of Pay	<u>19</u> Por. <u>22</u> %
Location: Sec.	<u>21</u>	Twp.	<u>30S</u>	Rge.	<u>4W</u> Co. <u>Stanton</u> State <u>KS</u>
No. of Copies	<u>See</u> Distribution Sheet (Y, N) <u>Y</u>	Turnkey (Y, N)	<u>N</u>	Evaluation (Y, N)	

Interval Tested	<u>5068-5097</u>	Initial Str Wt./Lbs.	<u>23,000</u>	Unseated Str Wt./Lbs.	<u>74,000</u>
Anchor Length	<u>29'</u> <u>Tail=27'</u>	Wt. Set Lbs.	<u>23,000</u>	Wt. Pulled Loose/Lbs.	<u>6,000</u>
<u>HALE</u> Top Packer Depth	<u>5063</u>	Tool Weight	<u>1,800</u>		
<u>HALE</u> Bottom Packer Depth	<u>5068</u>	Hole Size — 7 7/8"		Rubber Size — 6 3/4"	
Total Depth	<u>5097</u>	Wt. Pipe Run	<u>—</u>	Drill Collar Run	<u>369</u>
Mud Wt.	<u>9.0</u> LCM <u>7#</u> Vis. <u>59</u> WL <u>8.4</u>	Drill Pipe Size	<u>4 1/2 xH</u>	Ft. Run	<u>4693</u> <u>21' up</u>
Blow Description	<u>Strong ORB immediate. Cracked 2" slightly. I.F.P.</u>				
	<u>No blow-back. I.S.T.P.</u>				
	<u>Strong immediate GTS in 6 min. "See Flow Chart". F.F.P.</u>				
	<u>No blow-back. F.S.T.P.</u>				
Recovery — Total Feet	<u>20</u>	GIP	<u>5042</u>	Ft. in DC	<u>20</u>
				Ft. in DP	<u>0</u>
Rec.	<u>20</u>	Feet Of	<u>Mud</u>	%gas	%oil
				%water	%mud
Rec.		Feet Of		%gas	%oil
				%water	%mud
Rec.		Feet Of		%gas	%oil
				%water	%mud
Rec.		Feet Of		%gas	%oil
				%water	%mud
BHT	<u>112</u>	°F Gravity	<u>—</u>	°API D@	<u>—</u>
				°F Corrected Gravity	<u>—</u>
				°API	<u>—</u>
RW	<u>—</u>	@	<u>—</u>	°F Chlorides	<u>—</u>
				ppm Recovery	<u>900</u> ppm System

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>2503</u>	<u>2435</u>	PSI Recorder No.	<u>3017 "23:58"</u>	T-On Location <u>24:15 PM</u>
(B) First Initial Flow Pressure	<u>70</u>	<u>20</u>	PSI (depth)	<u>5070</u>	T-Started <u>00:10 AM</u>
(C) First Final Flow Pressure	<u>70</u>	<u>25</u>	PSI Recorder No.	<u>10242</u>	T-Open <u>2:55 AM</u>
(D) Initial Shut-In Pressure	<u>1169</u>	<u>1174</u>	PSI (depth)	<u>5094</u>	T-Pulled <u>7:10 AM</u>
(E) Second Initial Flow Pressure	<u>60</u>	<u>19</u>	PSI Recorder No.	<u>—</u>	T-Out <u>10:20 AM</u>
(F) Second Final Flow Pressure	<u>60</u>	<u>37</u>	PSI (depth)	<u>—</u>	T-Off Location
(G) Final Shut-in Pressure	<u>1170</u>	<u>1173</u>	PSI Initial Opening	<u>15</u>	Test <u>800</u> ✓
(Q) Final Hydrostatic Mud	<u>2448</u>	<u>2425</u>	PSI Initial Shut-in	<u>30</u>	Jars <u>200</u> ✓
			Final Flow	<u>90</u>	Safety Joint <u>50</u> ✓
			Final Shut-in	<u>120</u>	Straddle
					Circ. Sub/
					Sampler

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

Ed Gruber

Our Representative

Garrett S. Salazar

2 SHALE Extra Packers 300 ✓

Elec. Rec. 159 ✓

Mileage

Other 3 Hrs. 90

TOTAL PRICE \$ 1,590.00

DISTRIBUTION SHEET

WELL: G&G #4

LOCATION: SE/4 Sec. 21-30S-41W, Stanton Co., KS

TELECOPY (ORDER)	TYPED GEOLOGIC REPORTS	MUD LOG PRINTS	DST	ELECTRIC LOG (INCL. SAMPLE LOG) PRINTS	DIGITAL LOGS COLUMN	COMPANY
Yes (1)	3	2	2	6	1-LAS DISK	BEREXCO INC. 5101 N. Classen Blvd., Suite 205 Oklahoma City, OK 73118 Attn: Pete Wilson Home: (405) 348-7471 Office: (405) 848-1165 ext 102 Office Fax: (405) 842-6539 Night Fax: (405) 341-3138
Yes (3)	2	2	2	4	0	BEREXCO INC. 100 N. Broadway, Suite 970 Wichita, KS 67202 Office Phone: (316) 265-3311 Log Fax: (316) 265-2994
Yes (2)	1	2 - Final 2 - Composite	1 - Preliminary 3 - Final	2 - Field 2 - Final	0	Questar Exploration and Production Company 2601 NW Expressway, Suite 700 East Oklahoma City, OK 73112 Attn: Bob Powell, Geologist Home: (405) 947-5879 Office: (405) 840-2761 Log Fax: (405) 840-7465
No	1	1	1	1	0	Scott R. Kittrell 528 Fair Foundation Bldg. Tyler, TX 75702 Phone: (903) 593-4592
No	1	1	1	1	0	Tom G. Robinson 6810 S. Jasmine Court Englewood, CO 80112 Phone: (303) 771-8553

9-total

NATURAL GAS ANALYSIS REPORT

Sampled by:

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

Analyzed by:

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

Lab Number: 20004298

Analyzed: 08/02/00

Sample From: G&G #4 DST 1
Producer: Berexco

Pressure:
Temperature:

Date: 07/28/00

Location: 21-30-41

Time:
Sampler: Lanny
Source:

County: Stanton
State: Kansas
Formation: Morrow

	Mole %	GPM
Helium	He: 0.230	0.000
Hydrogen	H2: 0.005	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 17.946	0.000
Carbon Dioxide	CO2: 0.107	0.000
Methane	C1: 64.328	0.000
Ethane	C2: 6.062	1.621
Propane	C3: 6.889	1.898
Iso Butane	iC4: 1.100	0.360
Normal Butane	nC4: 1.820	0.574
Iso Pentane	iC5: 0.481	0.176
Normal Pentane	nC5: 0.439	0.159
Hexanes Plus	C6+: 0.593	0.259

TOTAL: 100.000 5.047

Z Fact: 0.9970

SP.GR.: 0.8030

BTU (SAT): 1079.4 @ 14.73 psia
BTU (DRY): 1098.6 @ 14.73 psia

OCTANE RATING: 100.1

COMMENTS:

0.000

Well Name G+G
DST Number 1
Recorder Number 10242

A:	<u>2491</u>	<u>2617</u>
B:	<u>.073</u>	<u>85</u>
C:	<u>.070</u>	<u>81</u>
D:	<u>1.084</u>	<u>1177</u>
E:	<u>.064</u>	<u>74</u>
F:	<u>.061</u>	<u>71</u>
G:	<u>1.083</u>	<u>1176</u>
Q:	<u>2.305</u>	<u>2425</u>