

TRILOBITE TESTING L.L.C.

OPERATOR : Berexco Inc.

DATE 7-30-99

WELL NAME: G&G Unit #3

KB 0.00 ft

TICKET NO: 11286 DST #1

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

GR 0.00 ft

FORMATION: Upper Morrow

INTERVAL : 5124.00 To 5160.00 ft

TD 5160.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	13252	13252	3026			PF Fr. 1034 to 1049 hr
SI 30 Range(Psi)	4550.0	4550.0	4995.0	0.0	0.0	IS Fr. 1049 to 1119 hr
SF 60 Clock(hrs)	12hr	12hr	elect			SF Fr. 1119 to 1219 hr
FS 120 Depth(ft)	5160.0	5160.0	5131.0	0.0	0.0	FS Fr. 1219 to 1419 hr

	Field	1	2	3	4	
A. Init Hydro	2550.0	2472.0	2480.0	0.0	0.0	T STARTED 0800 hr
B. First Flow	115.0	119.0	15.0	0.0	0.0	T ON BOTM 1033 hr
B1. Final Flow	103.0	108.0	19.0	0.0	0.0	T OPEN 1034 hr
C. In Shut-in	665.0	685.0	642.0	0.0	0.0	T PULLED 1419 hr
D. Init Flow	115.0	104.0	13.0	0.0	0.0	T OUT 1700 hr
E. Final Flow	115.0	104.0	22.0	0.0	0.0	
F. Fl Shut-in	1486.0	1491.0	1439.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2493.0	2500.0	2434.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 130000.00 lbs
						Initial Str Wt 108000.00 lbs
						Unseated Str Wt 110000.00 lbs
						Bot Choke 0.78 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.38 in
						D.C. Length 751.00 ft
						D.P. Length 4354.00 ft

RECOVERY

Tot Fluid 10.00 ft of 10.00 ft in DC and 0.00 ft in DP

10.00 ft of Drilling Mud 100%

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

BLOW DESCRIPTION

Initial Flow:

Bottom of bucket in 40 secs. fair blow

Initial Shut-in:

Bled 2" no blow back

Final Flow:

Bottom of bucket as soon as tool opened fair blow gas to surface in 45 mins. Gas will burn

Final Shut-in:

Bled 2" no blow back

SAMPLES: yes

SENT TO:Caraway Analytical

MUD DATA-----

Mud Type chemical

Weight 9.00 lb/cf

Vis. 47.00 S/L

W.L. 8.60 in3

F.C. 0.00 in

Mud Drop Y 20.0 ft

Amt. of fill 0.00 ft

Btm. H. Temp. 120.00 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 Scott Bugbee

Co. Rep. Tom Robinson

Contr. Big A

Rig # 2

Unit #

Pump T.

Test Successful: Y

GAS RECOVERY

COMPANY: Berexco Inc. DATE: 7-30-99
 WELL NAME: G&G Unit #3 KB Elev: 0.00 ft TICKET #11286 DST #1
 WELL LOCATION: 21-30s-41W GR Elev: 0.00 ft FORMATION: Upper Morrow
 INTERVAL Fr.: 5124.00 To 5160.00 T.D.: 5160.00 ft TEST TYPE: CONVENTIONAL

AS RECOVERY MEASURED WITH Merla

**** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
1	0.38	0	8	10100.0
5	0.38	0	8	10100.0
10	0.38	0	8	10100.0
15	0.38	0	8	10100.0

G+ G Unit 3 DST 1
13,252

A 2252 2572

B .104 119

C .094 108

D .597 685

E .091 104

F .091 104

G 1.305 1491

Q 2.186 2500

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: G&G Unit #3

LOCATION : 21-30s-41W

TICKET No. 11286 D.S.T. No. 1 DATE 7-30-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 36

TOTAL TOOL 63

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY

D.C. ABOVE TOOLS.Stands8 Single Total 751

D.P. ABOVE TOOLS.Stands46 Single 2 Total 4354

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5168

TOTAL DEPTH 5160

TOTAL DRILL PIPE ABOVE K.B. 8

REMARKS:

P.O. SUB top of tool	5097
C.O. SUB 1' DP	5098
S.I. TOOL 5'	5103
HMV 5'	5108
JARS 5'	5113
SAFETY JOINT 2'	5115
PACKER 5'	5120
PACKER	5124
DEPTH 5124	
STUBB 1'	5125
ANCHOR 1' perf	5126
Alpine rec.	5131
5' PU sub	5131
T.C.	
DEPTH	
24' perf	5155
Ak1 Rec.	5160
BULLNOSE	
T.D. 5'	5160

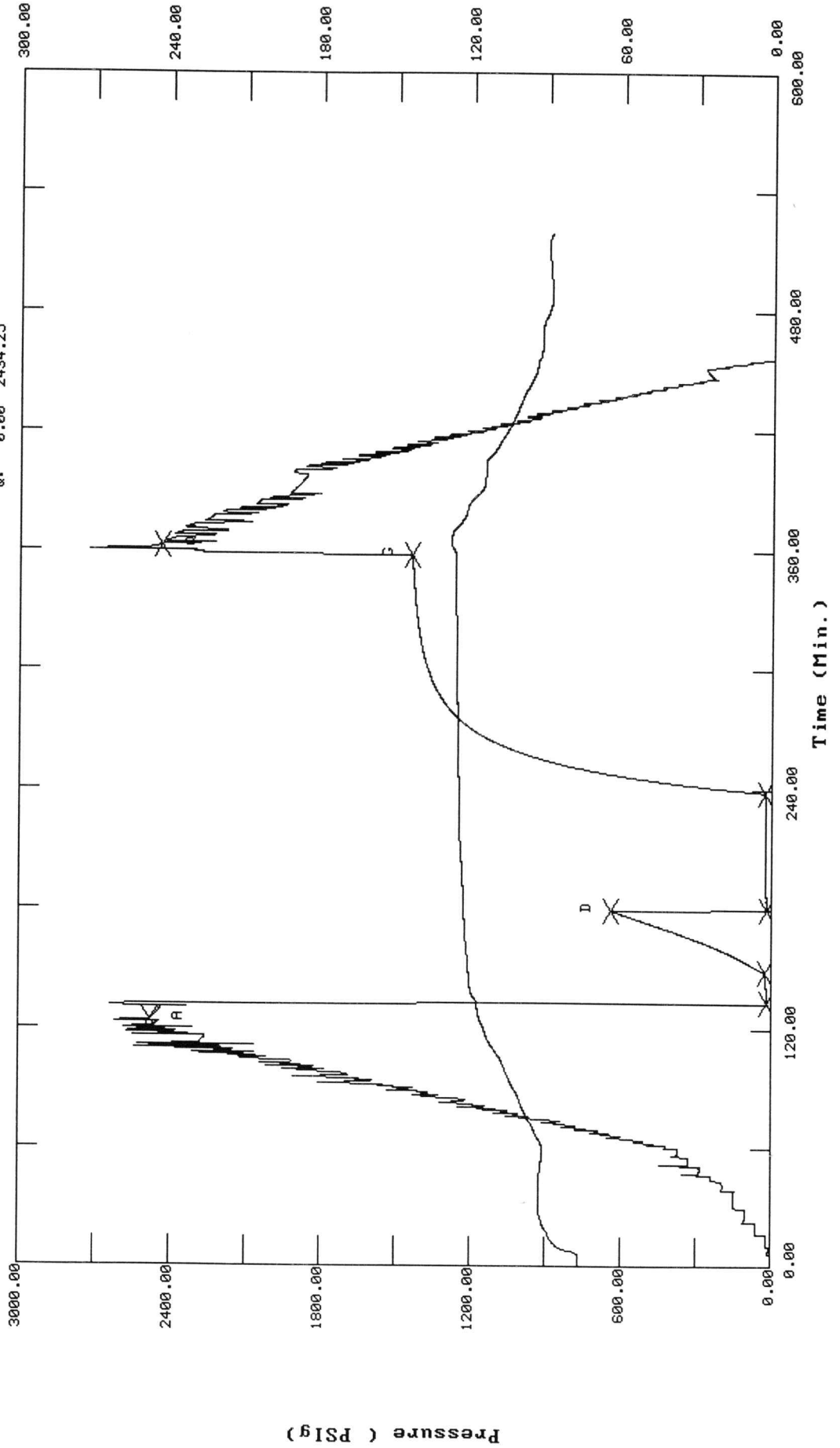
TEST HISTORY

g 11286 G&G #3 Berexco Inc. DST#1

Flag Points

t(Min.) P(PSIg)

A: 0.00 2480.70
B: 0.00 15.67
C: 15.33 19.59
D: 30.67 642.94
E: 0.00 13.94
F: 58.50 22.11
G: 119.17 1439.72
H: 0.00 2434.25



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TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 11286

Well Name & No. <u>G+G Unit #3</u>	Test No. <u>#1</u>	Date <u>7-29-99</u>
Company <u>Berexco</u>	Zone Tested <u>Upper Morrow</u>	
Address <u>100 NW Hwy Ste 970 Wichita KS 67202</u>	Elevation _____	KB _____ GL _____
Co. Rep / Geo. <u>Tom Robinson</u>	Cont. <u>Big A Rig #2</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>21</u>	Twp. <u>30 S</u>	Rge. <u>40 W</u> Co. <u>Stanton</u> State <u>KS</u>
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>5124 - 5160</u>	Initial Str Wt./Lbs. <u>108,000</u>	Unseated Str Wt./Lbs. <u>110,000</u>
Anchor Length <u>36'</u>	Wt. Set Lbs. <u>30,000</u>	Wt. Pulled Loose/Lbs. <u>130,000</u>
Top Packer Depth <u>5119</u>	Tool Weight <u>1500</u>	
Bottom Packer Depth <u>5124</u>	Hole Size — 7 7/8" ☒	Rubber Size — 6 3/4" ☒
Total Depth <u>5160</u>	Wt. Pipe Run _____	Drill Collar Run <u>251</u> ^{8 ft}
Mud Wt. <u>9.0</u> LCM <u>10</u> Vis. <u>47</u> WL <u>8.6</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4354</u> ^{46"}
Blow Description <u>1st open Fair blow B.O.B. in 40 seconds</u>		
<u>Bled 2" no blow back</u>		
<u>2nd open B.O.B. as soon as tool opened Fair blow GTS in 45 min.</u>		
<u>Gas will burn Bled 2" no blow back</u>		

Recovery — Total Feet <u>10</u>	GIP <u>GTS</u>	Ft. in DC <u>10</u>	Ft. in DP _____
Rec. <u>10'</u>	Feet Of <u>Drilling Mud</u>	%gas _____	%oil _____ %water <u>100</u> %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 126 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud <u>2550</u> <u>2480</u>	PSI	Recorder No. _____	T-Started <u>8:00 A.M.</u>
(B) First Initial Flow Pressure <u>115</u> <u>15</u>	PSI	(depth) _____	T-Open <u>10:34 A.M.</u>
(C) First Final Flow Pressure <u>103</u> <u>19</u>	PSI	Recorder No. _____	T-Pulled <u>2:19 P.M.</u>
(D) Initial Shut-in Pressure <u>665</u> <u>642</u>	PSI	(depth) _____	T-Out <u>5:00 P.M.</u>
(E) Second Initial Flow Pressure <u>115</u> <u>13</u>	PSI	Recorder No. _____	
(F) Second Final Flow Pressure <u>115</u> <u>22</u>	PSI	(depth) _____	
(G) Final Shut-in Pressure <u>1486</u> <u>1439</u>	PSI	Initial Opening <u>15</u>	Test <u>800</u> ⁰⁰
(H) Final Hydrostatic Mud <u>2493</u> <u>2434</u>	PSI	Initial Shut-in <u>30</u>	Jars <u>200</u> ⁰⁰

AKI Alpine Final Flow 60 Safety Joint 50 ⁰⁰

Final Shut-in 120 Straddle _____

Circ. Sub N/C

Sampler _____

Extra Packer _____

Elect. Rec. 150 ⁰⁰

Other _____

TOTAL PRICE \$ 1200 ⁰⁰

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 Tom G. Robinson
Our Representative Scott Bugbee

(10)

6/25/99

DISTRIBUTION SHEET

WELL: G&G Unit #3

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

TELECOPY (ORDER)	TYPED GEOLOGIC REPORTS	MUD LOG PRINTS	DST	ELECTRIC LOG (INCL. SAMPLE LOG)		DIGITAL LOGS COLUMN	COMPANY
				PRINTS	LOG		
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 <u>Fax (405) 842-6539</u> Night Fax (405) 341-3138
Yes (3)	2	2	2	4		0	BEREXCO INC. 100 N. Broadway, Suite 970 Wichita, KS 67202 (316) 265-3311 Fax (316) 265-2994
Yes (2)	1	2 - Field 2 - Final	1 - Preliminary 3 - Final	2 - Field 2 - Final		0	Questar Exploration and Production Company 2601 NW Expressway, Suite 700 Oklahoma City, OK 73112 Attn: Bob Powell, Geologist Phone: (405) 840-2761 Log Fax: (405) 843-8801
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	Sunbelt Resources One Ltd. P. O. Box 3419 Albuquerque, NM 87190-3419
No	1	1	1	1		0	Tom G. Robinson 6810 S. Jasmine Court Englewood, CO 80112

Pete Wilson
Home Fax
405-341-3138