

Test Ticket

11419

Well Name & No. ACRES #1 Test No. 1 Date 5-30-99
 Company CLX ENERGY INC. Zone Tested DOUGLAS
 Address 518 17TH ST. ST. 745, DENVER CO. 80202 Elevation 2124 KB 2119 GL
 Co. Rep / Geo. TOM ROBINSON Cont. PICKRELL DRUG, II Est. Ft. of Pay 4' Por. %
 Location: Sec. 21 Twp. 32S Rge. 18W Co. COMANCHE State KS.
 No. of Copies 5 Distribution Sheet (Y, N) yes Turnkey (Y, N) no Evaluation (Y, N) no

Interval Tested 4359 - 4370' Initial Str Wt/Lbs. 65,000 Unseated Str Wt/Lbs. 65,000
 Anchor Length 11' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 70,000
 Top Packer Depth 4354' Tool Weight 2100 #
 Bottom Packer Depth 4359' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
 Total Depth 4370' Wt. Pipe Run None Drill Collar Run 236'
 Mud Wt. 9.2 LCM Vis. 49 WL 10.44 Drill Pipe Size 4 1/2" X.H. Ft. Run 4117'
 Blow Description IF: Strong blow. B.O.B. in 10 sec. GTS in 15 mins. (see gas volume report) ISI: No blow. FF: Strong blow. (see gas volume report) FSI: Weak blow.

Recovery — Total Feet 125 GIP yes Ft. in DC 125 Ft. in DP no
 Rec. 125 Feet Of Dry Mud %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
 Rec. Feet Of %gas %oil %water %mud
 BHT 106 °F Gravity N/A °API D₆₀ no °F Corrected Gravity N/A °API
 RW N.C. °F Chlorides 5,000 ppm Recovery Chlorides 5,000 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	2140	2135	alp.	2342	0020
(B) First Initial Flow Pressure	21	23	PSI	(depth) 4365'	T-Started 0115
(C) First Final Flow Pressure	41	57	PSI	Recorder No. 10248	T-Open 0330
(D) Initial Shut-In Pressure	1557	1572	PSI	(depth) 4367'	T-Pulled 0732
(E) Second Initial Flow Pressure	57	68	PSI	Recorder No. <u> </u>	T-Out 0915
(F) Second Final Flow Pressure	134	143	PSI	(depth) <u> </u>	T-Off Location <u> </u>
(G) Final Shut-in Pressure	1557	1563	PSI	Initial Opening 30	Test <u>✓</u>
(Q) Final Hydrostatic Mud	2063	2058	PSI	Initial Shut-in 60	Jars <u>✓</u>

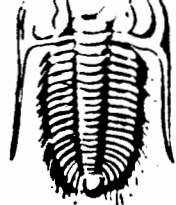
Final Flow 60 Safety Joint ✓
 Final Shut-in 90 Straddle
 Circ. Sub
 Sampler
 Extra Packer
 Elec. Rec.
 Mileage
 Other
 TOTAL PRICE \$ ✓

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Approved By

Our Representative

Tom J. Robinson
Carmy Swartz

**ESTING L.L.C.**

P.O. Box 362 • Hays, Kansas 67601 • (913) 625-4778

GAS VOLUME REPORT

CLX ENERGY INC.

Acids

OPERATOR

WELL NAME AND NO.

DET NO

INITIAL OPIN

FINAL Q&A

[illegible]

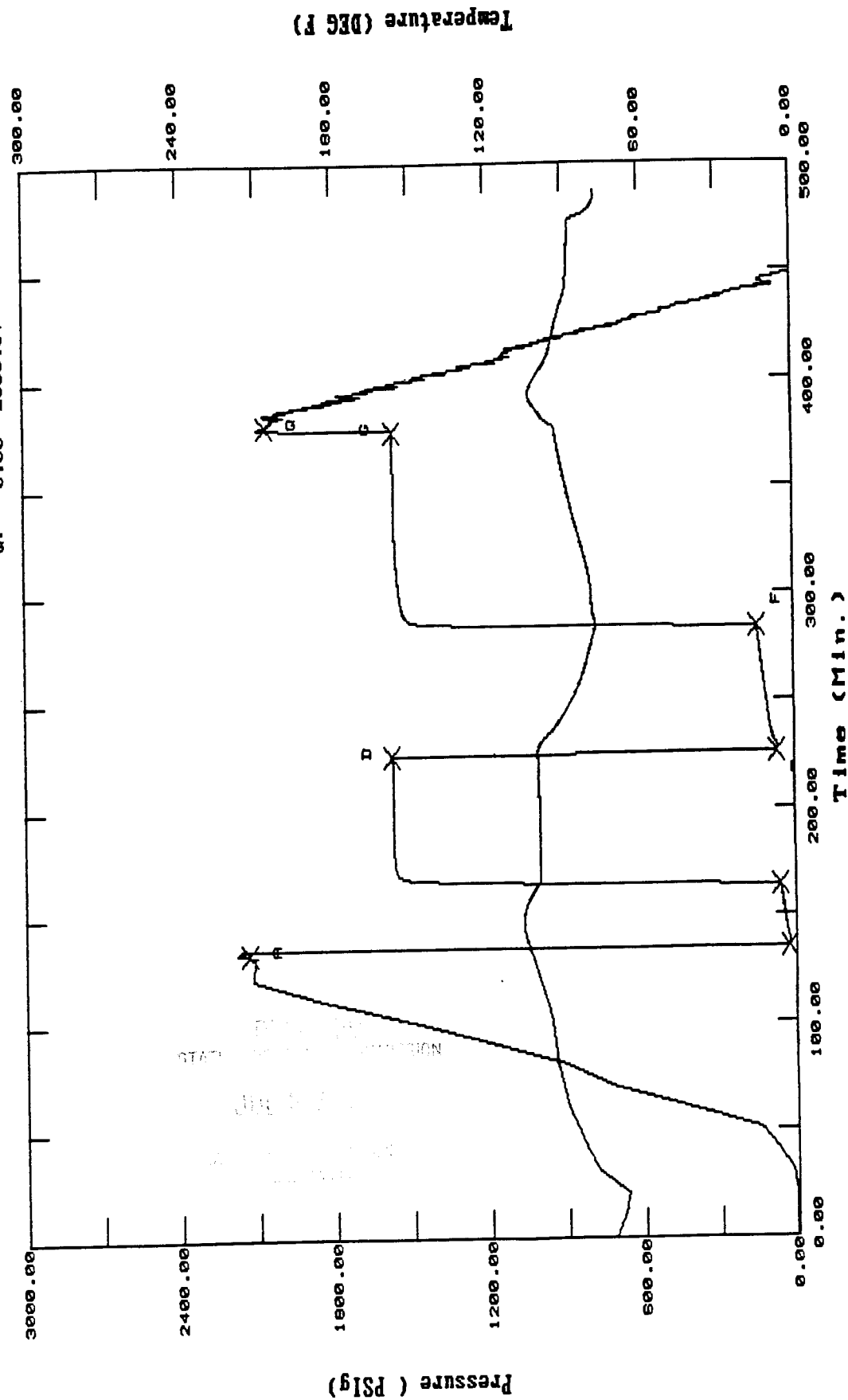
Remarks:

TEST HISTORY

11419 DST#1 ACRES #1 CLX ENERGY INC.

Flag Points
t<Min.> P< PSig>

A1	0.00	2135.45
B1	0.00	23.49
C1	29.00	58.01
D1	61.00	1572.29
E1	0.00	67.64
F1	58.50	143.09
G1	91.50	1563.48
Q1	0.00	2058.07



Test Ticket

11420

Well Name & No. ACRES #1 Test No. 2 Date 5-31-99
 Company CIX ENERGY INC. Zone Tested Swope
 Address 518 17th St. Ste. 745, Denver Co. 80202 Elevation 2124 KB 2119 GL
 Co. Rep / Geo. TOM ROBINSON Cont. PICKRELL DRUG # Est. Ft. of Pay 5 Por. %
 Location: Sec. 21 Twp. 32S Rge. 18W Co. COMANCHE State KS
 No. of Copies 11 Distribution Sheet (Y, N) Yes Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 4794 - 4825' Initial Str Wt/Lbs. 10,000 Unseated Str Wt/Lbs. 10,000
 Anchor Length 31' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 85000
 Top Packer Depth 4789' Tool Weight 2100 #
 Bottom Packer Depth 4794' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
 Total Depth 4825' Wt. Pipe Run None Drill Collar Run 236'
 Mud Wt. 9.3 LCM Vis. SI WL 11.2 cc. Drill Pipe Size 4 1/2" X.H. Ft. Run 4546'
 Blow Description IF: Strong below. GTS in 3 mins - (see gas volume report)
ISI: Weak below.
FF: Strong below. (see gas volume report) FSI: Weak below.

Recovery — Total Feet 195' GIP yes Ft. in DC 195 Ft. in DP
 Rec. 195 Feet Of GCM 2 %gas %oil 12 %water 86 %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 109 °F Gravity N/A °API D₆₀ °F Corrected Gravity N/A °API
 RW 76 @ 72 °F Chlorides 9,200 ppm Recovery Chlorides 6,000 ppm System

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	2349	2338	PSI Recorder No. <u>2342</u>	T-On Location <u>1310</u>
(B) First Initial Flow Pressure	91	97	PSI (depth) <u>4800'</u>	T-Started <u>1343</u>
(C) First Final Flow Pressure	137	140	PSI Recorder No. <u>10248</u>	T-Open <u>1558</u>
(D) Initial Shut-In Pressure	1767	1748	PSI (depth) <u>4822'</u>	T-Pulled <u>1900</u>
(E) Second Initial Flow Pressure	137	152	PSI Recorder No. <u> </u>	T-Out <u>2100</u>
(F) Second Final Flow Pressure	164	159	PSI (depth) <u> </u>	T-Off Location <u> </u>
(G) Final Shut-in Pressure	1753	1738	PSI Initial Opening <u>30</u>	Test <u>✓</u>
(Q) Final Hydrostatic Mud	2327	2295	PSI Initial Shut-in <u>60</u>	Jars <u>✓</u>
			Final Flow <u>30</u>	Safety Joint <u>✓</u>
			Final Shut-in <u>60</u>	Straddle <u> </u>
			<u> </u>	Circ. Sub <u> </u>
			<u> </u>	Sampler <u> </u>
				Extra Packer <u> </u>
				Elec. Rec. <u>✓</u>
				Mileage <u> </u>
				Other <u> </u>
				TOTAL PRICE \$ <u> </u>

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Approved By

Our Representative

Extra Packer

Elec. Rec.

Mileage

Other

TOTAL PRICE \$

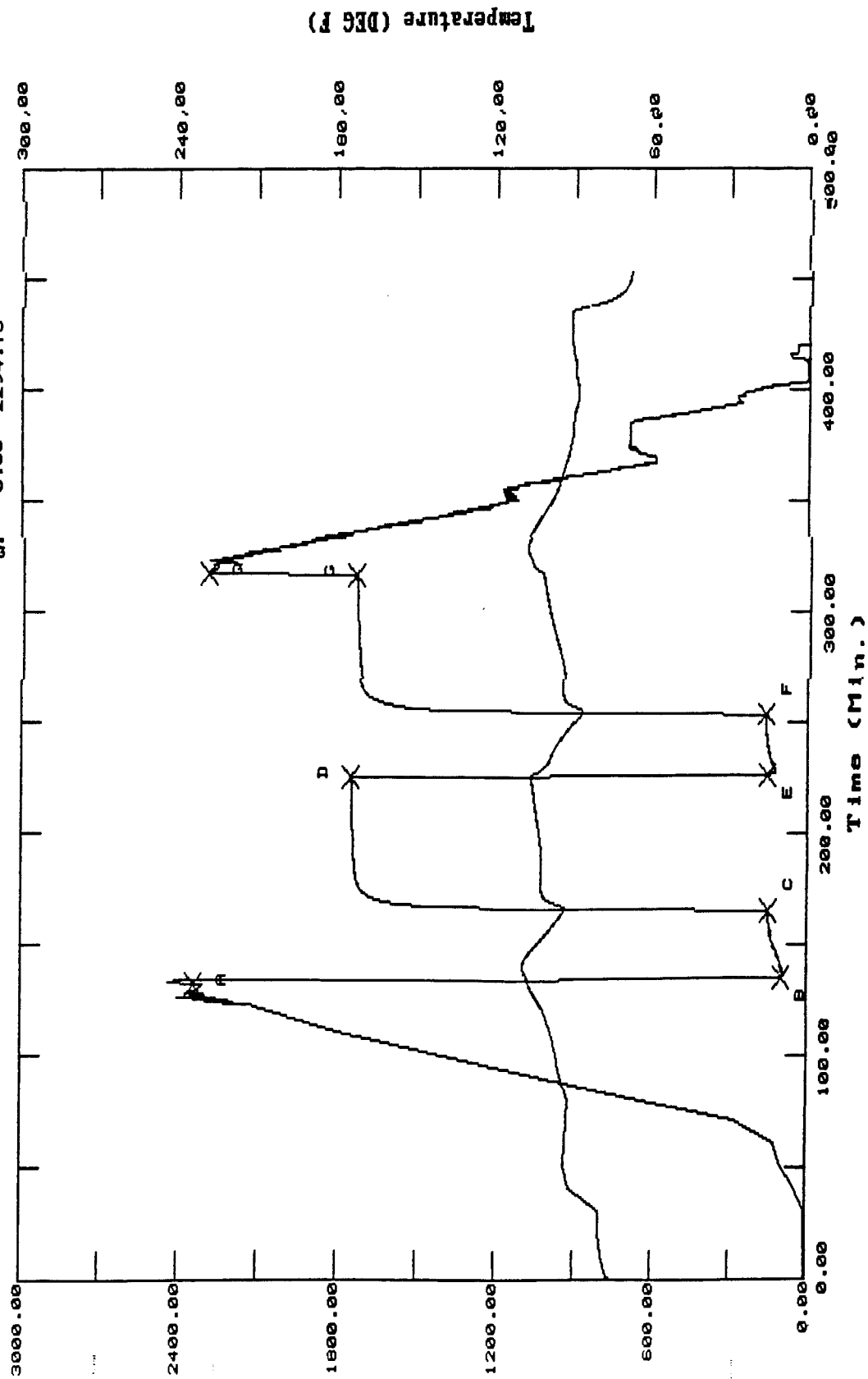
ESTING L.L.C.

TEST HISTORY

420 DST#2 ACRES #1 CLX ENERGY INC.

Flag Points
t(Min.) PK PBIG

A	0.00	2338.30
B	0.00	97.26
C	30.00	148.21
D	60.00	1748.04
E	0.00	151.65
F	27.50	159.45
G	62.50	1737.88
H	0.00	2294.75



Test Ticket

11421

Well Name & No. Acres #1 Test No. 3 Date 6-1-99
 Company CLX ENERGY INC. Zone Tested ALTAMONT
 Address DENVER Co. 80202 Elevation 2124 KB 2119 GL
 Co. Rep / Geo. TOM ROBINSON Cont. PACKER DRUG #1 Est. Ft. of Pay 4 Por. %
 Location: Sec. 21 Twp. 32S Rge. 18W Co. COMANCHE State KS.
 No. of Copies 11 Distribution Sheet (Y, N) yes Turnkey (Y, N) - Evaluation (Y, N) -

Interval Tested 5010 - 5042' Initial Str Wt/Lbs. 70,000 Unseated Str Wt/Lbs. 70,000
 Anchor Length 32' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 95,000
 Top Packer Depth 5005' Tool Weight 2100 #
 Bottom Packer Depth 5010' Hole Size — 7 7/8" ☒ Rubber Size — 6 3/4" ☒
 Total Depth 5042' Wt. Pipe Run NONE Drill Collar Run 236'
 Mud Wt. 9.1 LCM ~ Vis. 48 WL 11.2 cc. Drill Pipe Size 4 1/2" KH. Ft. Run 4765'
 Blow Description IF: Strong below. GTS in 7 mins. (see gas volume report)
ISI: No below.
FF: Strong below. (see gas volume report)
FSI: weak below. (1/2")

Recovery — Total Feet 175 GIP yes Ft. in DC 175 Ft. in DP ~
 Rec. 115 Feet Of GCM 5 %gas %oil 5 %water 90 %mud
 Rec. 60 Feet Of GCM (w/air speed) 5 %gas %oil 5 %water 90 %mud
 Rec. _____ Feet Of _____ %gas %oil _____ %water _____ %mud
 Rec. _____ Feet Of _____ %gas %oil _____ %water _____ %mud
 Rec. _____ Feet Of _____ %gas %oil _____ %water _____ %mud
 BHT 110 °F Gravity N/A °API D@ _____ °F Corrected Gravity N/A °API
 RW N.C. @ ~ °F Chlorides 8,000 ppm Recovery Chlorides 8,000 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	2448	2456	2342	2342	1945
(B) First Initial Flow Pressure	46	62	5016	5016	2001
(C) First Final Flow Pressure	57	64	10248	10248	2155
(D) Initial Shut-In Pressure	1802	1827	5039	5039	0059
(E) Second Initial Flow Pressure	80	96	~	~	0300
(F) Second Final Flow Pressure	89	75	~	~	0340
(G) Final Shut-in Pressure	1788	1801	30	30	~
(Q) Final Hydrostatic Mud	2415	2402	60	60	~

Final Flow 30 Safety Joint ☒
 Final Shut-in 60 Straddle _____
 _____ Circ. Sub _____
 _____ Sampler _____

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Approved By Tom Robinson

Our Representative Gary Swartz

Extra Packer _____
 Elec. Rec. ☒
 Mileage _____
 Other _____
 TOTAL PRICE \$ ☒

TEST HISTORY 421 DST#3 ACRES #1 CLX ENERGY INC.

Flag Points
t<Min.> P<PSIq>

A:	0.00	2456.14
B:	0.00	62.35
C:	29.00	64.03
D:	61.00	1826.51
E:	0.00	96.34
F:	29.00	75.27
G:	64.00	1801.25
Q:	0.00	2402.17

