

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 32302
Name: Key Gas Corp.
Address: 155 N. Market Suite 900
City/State/Zip: Wichita, KS 67202
Purchaser: _____
Operator Contact Person: Rod Andersen
Phone: (316) 265-2270
Contractor: Name: Forrest Energy
License: 33436

API No. 15 - 077-21475-00-00
County: Harper
SE NW SW Sec. 20 Twp 34 S. R. 6 East West
1650 1551 feet from (S) N (circle one) Line of Section
990 4515 feet from (E) (circle one) Line of Section
KCC GPS Footages Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Barrett Well #: 1
Field Name: _____

Wellsite Geologist: _____
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Add.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:

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Producing Formation: Mississippian
Elevation: Ground: 1340 Kelly Bushing: 1350
Total Depth: 4753 Plug Back Total Depth: 4750
Amount of Surface Pipe Set and Cemented at 275 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
8-20-04 9-8-04
Spud Date or Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan P & A 100 3/5/08
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used Evaporate and fill
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Rod Andersen
Title: Geologist Date: 3/17/05
Subscribed and sworn to before me this 17 day of MARCH 2005
Notary Public: Bonita Danner
Date Commission Expires: 3-17-08

KCC Office Use ONLY

N/D Letter of Confidentiality Attached
If Denied, Yes Date: _____
Wireline Log Received _____
Geologist Report Received _____
UIC Distribution _____

BONITA DANNER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-17-08

Operator Name: Key Gas Corp. Lease Name: Barrett Well #: 1
 Sec. 20 Twp. 34 S. R. 6 East West County: Harper

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Topeka	2945	-1595
Heebner	3326	-1976
Lansing	3996	-2646
Mississippian	4668	-3318

Dual Porosity
 Dual Induction

CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives
Surface	12 1/4	8 5/8	24	275	common	250	3% CC
Production	7 7/8	4 1/2		4750	5050 poz	100	10% salt

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Enhr. Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Sumit ACO-18.) Other (Specify)



TREATMENT REPORT

ORIGINAL

Acid Stage No.

Date 8-21-04 District 6B F.O. No. 24613
Company KEY GAS CORP
Well Name & No. BARETT 1
Location Field
County HARPER State KS
Casing: Size 8 5/8 Type & Wt. Set at. ft.
Formation: Perf. to.
Formation: Perf. to.
Formation: Perf. to.
Liner: Size. Type & Wt. Top at. ft. Bottom at. ft.
Cemented: Yes/No. Perforated from. ft. to. ft.
Tubing: Size & Wt. Swung at. ft.
Perforated from. ft. to. ft.
Open Hole Size. T.D. ft. P.B. to. ft.

Type Treatment: Amt. Type Fluid Sand Size Pounds of Sand
Bkdown Bbl./Gal.
Bbl./Gal.
Bbl./Gal.
Bbl./Gal.
Flush Bbl./Gal.
Treated from. ft. to. ft. No. ft.
from. ft. to. ft. No. ft.
from. ft. to. ft. No. ft.
Actual Volume of Oil/Water to Load Hole: Bbl./Gal.
Pump Trucks. No. Used: Std. Sp. Twin.
Auxiliary Equipment
Packer: Set at ft.
Auxiliary Tools
Plugging or Sealing Materials: Type Gals. lb.

Company Representative Treater A.G. CURTIS

Table with columns: TIME a.m / p.m., PRESSURES (Tubing, Casing), Total Fluid Pumped, REMARKS. Contains handwritten notes: ON LOCATION, BREAK CIRCULATION, MIX CEMENT, 250 SLS Common 390 CC, Release Plug, Displace Cement, Plug down @ 445 AM, Cement Did Circulate, JOB Complete, THANK YOU, A.G. CURTIS.

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ANTHONY - 65-2E-18N-E into

ORIGINAL



INVOICE NO.	Subject to Correction			FIELD ORDER	8837
Date 9-10-04	Lease BARRETT	Well # 1	Legal 28-34-6		
Customer ID	County HARPER	State KS	Station PRATT, KS		
Depth	Formation	Shoe Joint 27"			
Casing 5 1/2	Casing Depth 4779	TD 4800	Job Type LOWEST POINT		
Customer Representative ROGER	Treater H. CORLEY				

CHARGE

Key GAS CORP.

AFE Number PO Number Materials Received by X ROGER BY: KEVIN CORLEY

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D204	100.5L	50/50 POZ	-	-		
D203	75.5L	60/40 POZ	-	-		
C194	221b.	CELFUMAB	-	-		
C195	681b.	FLA-322	-	-		
C221	4651b.	SIAC	-	-		
C244	221b.	CFR	-	-		
C221	4601b.	SIAC	-	-		
C302	500 gal.	MUD PUMP	-	-		
E143	1 EA.	5/2 TOP RUBBER ROLL	-	-		
E100	80 mile	HENRY VAL. MIRE.				
E101	80 mile	POCKUP MIRE.				
E104	478 7/8	BULL DELIVERY				
E107	125.5L	CEMENT SERV. WATER				
R210	1 EA.	PUMP OPERATOR				
R201	1 EA.	CEMENT HEAD				

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TREATMENT REPORT

ORIGINAL

Customer ID	Date
Customer <i>KEY GAS</i>	<i>9-10-04</i>
Lease <i>BARRETT</i>	Lease No.
	Well # <i>1</i>
Field Office # <i>2037</i>	Station <i>PLAIN, KS.</i>
Casing <i>5 1/2</i>	Depth <i>4799</i>
County <i>Holt</i>	State <i>KS.</i>

Type Job *CONCRETE-NEW* Formation _____ Legal Description *20-34-2*

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>5 1/2</i>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <i>4799</i>	Depth	From	To	Pre Pad	Max			5 Min.
Volume	Volume	From	To	Pad	Min			10 Min.
Max Press	Max Press	From	To	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative *ROBER* Station Manager *ARNDT* Treater *GOODLEY*

Service Units	<i>120</i>	<i>26</i>	<i>46</i>	<i>76</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0830</i>					<i>ON LOCATION</i>
					<i>HOOK UP TO 5 1/2 CASING</i>
<i>0915</i>	<i>300</i>		<i>20</i>	<i>4</i>	<i>FLUSH 20 bbl SPAC FLUSH</i>
	<i>300</i>		<i>12</i>	<i>4</i>	<i>FLUSH 12 bbl MUD FLUSH</i>
	<i>300</i>		<i>3</i>	<i>4</i>	<i>FLUSH 3 bbl H₂O</i>
	<i>200</i>		<i>21</i>	<i>4</i>	<i>MIX 100 SL 50/50 P02</i>
					<i>10% SPAC, 1/4 #/x CELL FLAKE,</i>
					<i>8/10% FEA 322, 1/4% CPR</i>
					<i>SPOT - WASH LINE - DROP PLUG</i>
	<i>0</i>		<i>0</i>	<i>7</i>	<i>START DISP</i>
	<i>300</i>		<i>100</i>	<i>7</i>	<i>LIFT CEMENT</i>
	<i>500</i>		<i>105</i>	<i>5</i>	<i>SLOW RATE</i>
<i>0945</i>	<i>1000</i>		<i>117</i>	<i>5</i>	<i>KILL DOWN - HOLD</i>
					<i>PLUG RT & MH</i>
<i>1030</i>					<i>JOB COMPLETE - THANKS - GOODBYE</i>

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Ricketts
Testing, Inc.

ORIGINAL

Company KEY GAS CORPORATION Lease & Well No. BARRETT #1
 Elevation 1340 G.L. Formation MISSISSIPPI Ticket No. 2207
 Date 9-6-04 Sec. 20 Twp. 34S Range 6W County HARPER State KS
 Test Approved by ROD. ANDERSON Ricketts Representative JIM RICKETTS

Formation Test No. 1 Interval Tested from 4636 ft. to 4663 ft. Total Depth 4663 ft.
 Packer Depth 4636 ft. Size 6 3/4in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 4633 ft. Size 6 3/4in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4641 ft. Recorder Number 110277 Cap. 4625
 Bottom Recorder Depth (Outside) 4644 ft. Recorder Number Z43 Cap. 6000
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor FORREST DRILLING RIG #8 Drill Collar Length 505 I.D. 2.25 in.
 Mud Type CHEMICAL Viscosity 60 Weight Pipe Length _____ I.D. _____ in.
 Weight 9.0 Water Loss 15.6 cc. Drill Pipe Length 4104 I.D. 3.25 in.
 Chlorides 8500 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 in.
 Jars: Make STERLING Serial Number 404 Anchor Length 27 ft. Size 5 1/2 in.
 Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Gravity Oil _____ Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: _____

Recovered 500 ft. of MUD.
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: MISRUN - PACKER FAILED TO HOLD.

Time Set Packer (s) 8:30 A.M. Time Started Off Bottom _____ M. Maximum Temperature _____
 Initial Hydrostatic Pressure(A) _____ P.S.I.
 Initial Flow PeriodMinutes _____ (B) _____ P.S.I. to
 (C) _____ P.S.I.
 Initial Closed In PeriodMinutes _____ (D) _____ P.S.I.
 Final Flow PeriodMinutes _____ (E) _____ P.S.I. to
 (F) _____ P.S.I.
 Final Closed In PeriodMinutes _____ (G) _____ P.S.I.
 Final Hydrostatic Pressure(H) _____ P.S.I.



Company Name Key Gas Corp.
 Well Name Barrett #1
 Type of Test DST#1 4636 to 4663
 Date(s) of Test 9-6-200

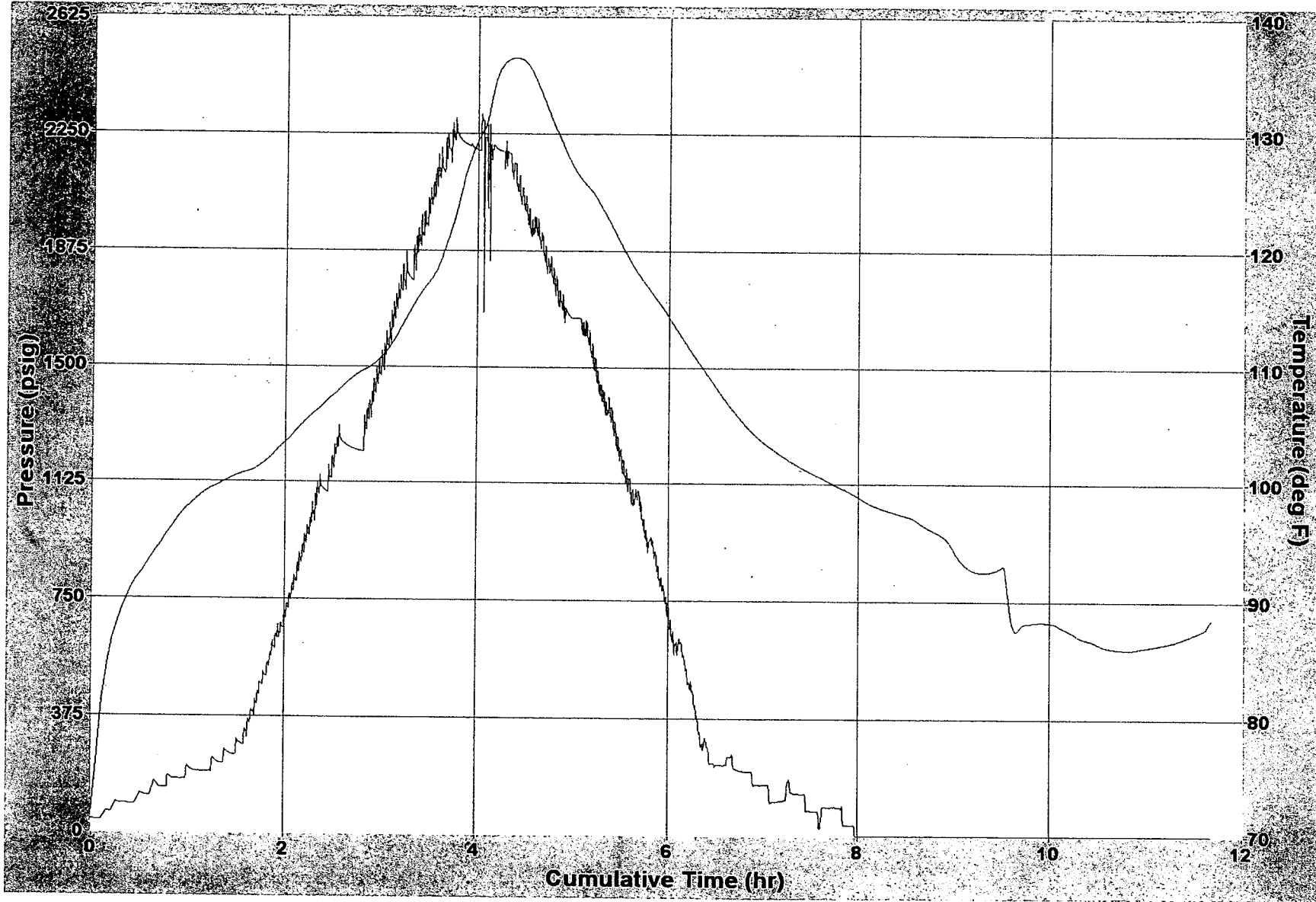


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DST#1 Barrett #1 Misrun



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Ricketts
Testing, Inc.

ORIGINAL



Company KEY GAS CORPORATION Lease & Well No. BARRETT #1
 Elevation 1340 G.L. Formation MISSISSIPPI Ticket No. 2208
 Date 9-7-04 Sec. 20 Twp. 34S Range 6W County HARPER State KS
 Test Approved by ROD ANDERSON Ricketts Representative JIM RICKETTS

Formation Test No. 2 Interval Tested from 4670 ft. to 4691 ft. Total Depth 4691 ft.
 Packer Depth 4670 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 4667 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4675 ft. Recorder Number 11027 Cap. 4625
 Bottom Recorder Depth (Outside) 4678 ft. Recorder Number 243 Cap. 6000
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor FORREST DRILLING RIG #8 Drill Collar Length 505 I.D. 2.25 in.
 Mud Type CHEMICAL Viscosity 35 Weight Pipe Length _____ I.D. _____ in.
 Weight 9.0 Water Loss 9.0 cc. Drill Pipe Length 4138 I.D. 3.25 in.
 Chlorides 9500 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 in.
 Jars: Make STERLING Serial Number 404 Anchor Length 21 ft. Size 5 1/2 in.
 Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Gravity Oil _____ Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: WEAK BLOW INITIAL FLOW PERIOD. 1 1/2" IN WATER. VERY WEAK BLOW FINAL FLOW PERIOD. DIED IN 15 MINUTES.

Recovered 120 ft. of THICK MUD.
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: MISRUN - PLUGGED TOOL. SLID TOOL 30' TO BOTTOM.

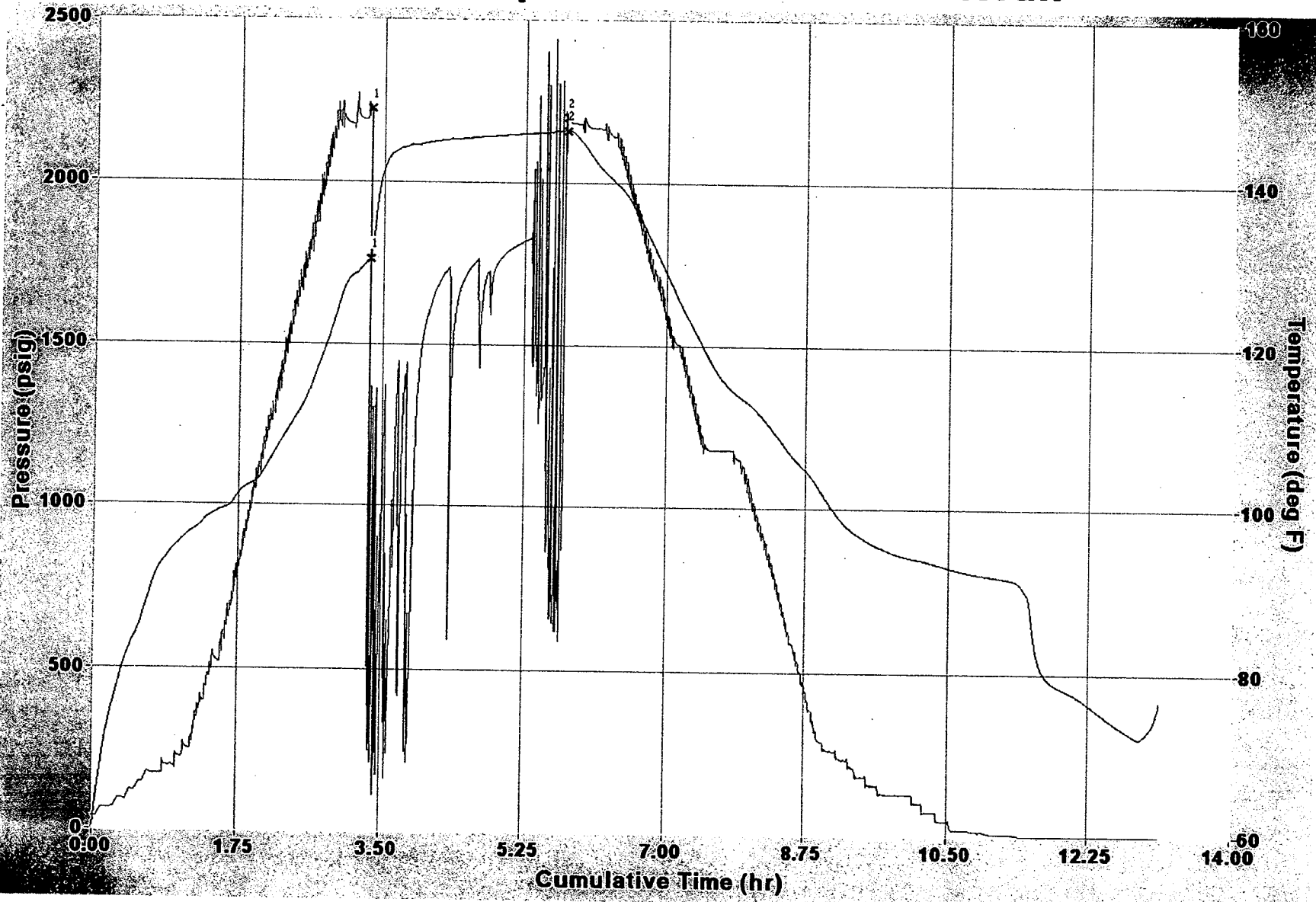
Time Set Packer (s) 11:05 AM. Time Started Off Bottom 1:05 P M. Maximum Temperature _____
 Initial Hydrostatic Pressure.....(A) _____ P.S.I.
 Initial Flow PeriodMinutes _____ (B) _____ P.S.I. to
 (C) _____ P.S.I.
 Initial Closed In PeriodMinutes _____ (D) _____ P.S.I.
 Final Flow Period.....Minutes _____ (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 Name
Well Name
Type of Test
Date(s) of Test



Key Gas Corp. DST#2 Barrett #1 Misrun



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