



KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

1134717

Form ACO-1

June 2009

**Form Must Be Typed**  
**Form must be Signed**  
**All blanks must be Filled**

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- ☐ New Well      ☐ Re-Entry      ☐ Workover
- ☐ Oil      ☐ WSW      ☐ SWD      ☐ SIOW
- ☐ Gas      ☐ D&A      ☐ ENHR      ☐ SIGW
- ☐ OG      ☐ GSW      ☐ Temp. Abd.
- ☐ CM (Coal Bed Methane)
- ☐ Cathodic      ☐ Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- ☐ Deepening      ☐ Re-perf.      ☐ Conv. to ENHR      ☐ Conv. to SWD
- ☐ Conv. to GSW
- ☐ Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- ☐ Commingled      Permit #: \_\_\_\_\_
- ☐ Dual Completion      Permit #: \_\_\_\_\_
- ☐ SWD      Permit #: \_\_\_\_\_
- ☐ ENHR      Permit #: \_\_\_\_\_
- ☐ GSW      Permit #: \_\_\_\_\_

Spud Date or  
Recompletion Date

Date Reached TD

Completion Date or  
Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West

\_\_\_\_\_ Feet from ☐ North / ☐ South Line of Section

\_\_\_\_\_ Feet from ☐ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE      ☐ NW      ☐ SE      ☐ SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that 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.

Submitted Electronically

**KCC Office Use ONLY**

☐ Letter of Confidentiality Received

Date: \_\_\_\_\_

☐ Confidential Release Date: \_\_\_\_\_

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☐ I ☐ II ☐ III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1134717

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West County: \_\_\_\_\_

**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 complete copy of all Electric Wire-line 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

Electric Log Submitted Electronically ☐ Yes ☐ No  
(If no, Submit Copy)

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample  
Name Top Datum

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	# Sacks Used	Type and Percent Additives

## ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
____ Perforate				
____ Protect Casing				
____ Plug Back TD				
____ 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: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. (Submit ACO-5) <input type="checkbox"/> Commingled (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Quest Energy LLC
Well Name	Morrison 2-1
Doc ID	1134717

All Electric Logs Run

Dual Compensated Porosity
Dual Induction
Microresistivity
Sonic



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

6273

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No.

Date	12-13-12	Sec.	1	Twp.	21	Range	11	County	STAFFORD KANSAS	State		On Location		Finish	11:30pm
Location								GREAT BEND STO COUNTYLINE-3w-1/2S-W/4N							
Lease MORRISON						Well No. #2-1		Owner QUEST							
Contractor W.K.						To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.									
Type Job TWO-STAGE ↓						Charge To QUEST Energy									
Hole Size 8 5/8						T.D. 3750.00		Street							
Csg. 5 1/2" - 15.5-NEW						Depth 3684.90		City							
Tbg. Size						Depth		State							
Tool D.V						Depth 1822.80		The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.						Shoe Joint		Cement Amount Ordered 175 SKS - 5% GILSONITE - 10% SALT							
Meas Line						Displace 88 BbLS		Common 175							
EQUIPMENT															
Pumptrk #15		No.		Cementer		Poz. Mix									
Bulktrk #1		No.		Helper NICK		Gel.									
Bulktrk #1		No.		Driver LONNIE W.		Calcium									
Bulktrk P/M		No.		Driver CISCO		Hulls									
JOB SERVICES & REMARKS															
Remarks:								Salt 15							
Rat Hole 30 SKS								Flowseal							
Mouse Hole								Kol-Seal 875#							
Centralizers 1,3,8,14,20,42,47,52,57,62								Mud CLR 48 500 GAL							
Baskets 1,42								CFL-117 or CD110 CAF 38							
D/V or Port Collar DV @ 1,822.80								Sand							
								Handling 188							
								Mileage							
FLOAT EQUIPMENT															
BROKE CIRCULATION - CIRCULATED 15 MIN. DROPPED BALL & CIRCULATED 45 MIN. PUMPED 500 GAL. OF MUD CLR 48 - PLUGGED RAT HOLE 30 SKS - MIXED & PUMPED 145 SKS DOWN 5 1/2" - DROPPED PLUG & DISPLACED PLUG LANDED & HELD DROPPED DART 15 MIN. - OPENED TOOL RE-ESTABLISHED CIRCULATION 3 HR.								Guide Shoe							
								Centralizer 10-5 1/2"							
								Baskets 2-5 1/2"							
								AFU Inserts							
								Float Shoe							
								Latch Down							
								1-5 1/2" PACKER SHOE							
								1-5 1/2" DV TOOL & ASSEMBLY							
LIFT PRESSURE @ 1,000								Pumptrk Charge							
PLUG LANDED @ 87 3/4 - 1,600 LBS								Mileage							
								prod Long string							
								Tax							
								Discount							
								Total Charge							
THANK YOU!															
Signature															

Bottom Stage



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

6274

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No.

Date	Sec.	Twp.	Range	County	State	On Location	Finish
12-14-12	1	21	11	STAFFORD	KANSAS		4:00 AM
Location				GREAT BEND- STO County Line- 3w- 1/2 S- W/INT			

Lease	MORRISON	Well No.	# 2-1	Owner	QUEST
Contractor	W.K	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Type Job	TWO-STAGE	Charge To	QUEST Energy		
Hole Size	7 7/8	T.D.	3750'		
Csg.	5 1/2" - 15.5 - NEW	Depth	3684.90		
Tbg. Size		Depth			
Tool	D.V	Depth	1822.80		
Cement Left in Csg.		Shoe Joint			
Meas Line		Displace	44 Bbbs.		

## EQUIPMENT

Pumptrk	# 15	No.	Cementor
			Helper
Bulktrk	# 12	No.	Driver
			Driver
Bulktrk	Plu	No.	Driver
			Driver

## JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

DV @ 1822.80

Common 350 QMBC,

Poz. Mix

Gel.

Calcium

Hulls

Salt

Flowseal

175#

Kol-Seal

Mud CLR 48

CFL-117 or CD110 CAF 38

Sand

Handling

350

Mileage

## FLOAT EQUIPMENT

Guide Shoe

Centralizer

Baskets

AFU Inserts

Float Shoe

Latch Down

Pumptrk Charge

Mileage

prod Long String 11

Tax

Discount

Total Charge

X Signature

THANK YOU!

*[Signature]*

Top stage

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

April 23, 2013

Mr. Tracy Hynes  
Quest Energy LLC  
2732 N REESE RD  
BROOKVILLE, KS 67425-9812

Re: ACO1  
API 15-185-23779-00-00  
Morrison 2-1  
SE/4 Sec.01-21S-14W  
Stafford County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Mr. Tracy Hynes

April 25, 2013

Mr. Tracy Hynes  
Quest Energy LLC  
2732 N REESE RD  
BROOKVILLE, KS 67425-9812

Re: ACO-1  
API 15-185-23779-00-00  
Morrison 2-1  
SE/4 Sec.01-21S-14W  
Stafford County, Kansas

Dear Mr. Tracy Hynes:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 12/7/2012 and the ACO-1 was received on April 23, 2013 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Quest Energy LLC**

2732 N Reese Rd  
Brookville, KS 67425

ATTN: Jeff Burk

### **Morrison #2-1**

#### **1-21s-14w Stafford,KS**

Start Date: 2012.12.11 @ 23:41:43

End Date: 2012.12.12 @ 08:57:43

Job Ticket #: 49641

DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.12.13 @ 16:27:32

Quest Energy LLC

1-21s-14w Stafford,KS

Morrison #2-1

DSI # 1

Lansing, J, J, & K

2012.12.11





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Quest Energy LLC

2732 N Reese Rd  
Brookville, KS 67425

ATTN: Jeff Burk

1-21s-14w Stafford, KS

Morrison #2-1

Job Ticket: 49641

DST#: 1

Test Start: 2012.12.11 @ 23:41:43

### GENERAL INFORMATION:

Formation: **Lansing "I, J, & K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:50:28

Time Test Ended: 08:57:43

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 45

Interval: **3476.00 ft (KB) To 3530.00 ft (KB) (TVD)**

Total Depth: 3530.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1915.00 ft (KB)

1910.00 ft (CF)

KB to GRVCF: 5.00 ft

Serial #: 6798

Inside

Press@RunDepth: 41.89 psig @ 3477.00 ft (KB)

Start Date: 2012.12.11

End Date: 2012.12.12

Start Time: 23:41:44

End Time: 08:57:43

Capacity: 8000.00 psig

Last Calib.: 2012.12.12

Time On Btm: 2012.12.12 @ 04:50:13

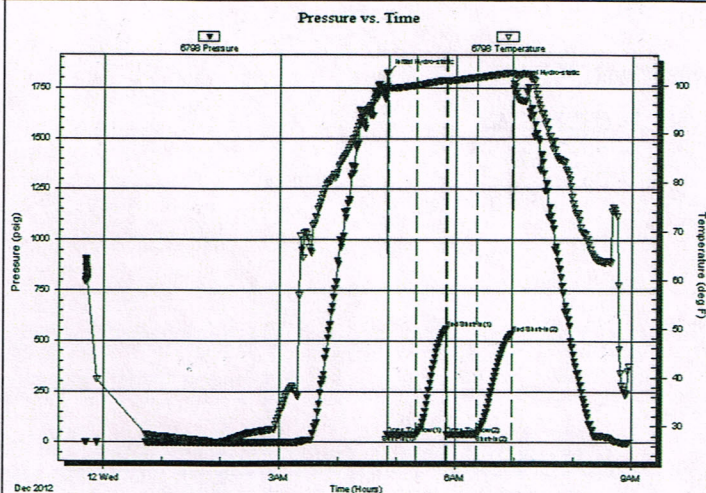
Time Off Btm: 2012.12.12 @ 06:58:58

TEST COMMENT: IF: Weak Surface Blow, Dead @ 24 minutes

IS: No Blow Back

FF: No Blow

FSI: No Blow Back



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1825.25	99.70	Initial Hydro-static
1	39.25	99.23	Open To Flow (1)
30	39.32	99.89	Shut-In(1)
60	560.53	100.95	End Shut-In(1)
61	40.86	100.77	Open To Flow (2)
91	41.89	101.52	Shut-In(2)
128	537.09	102.50	End Shut-In(2)
129	1772.14	102.23	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOSM 1%O 99%M	0.14

### Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

### FLUID SUMMARY

Quest Energy LLC

1-21s-14w Stafford, KS

2732 N Reese Rd  
Brookville, KS 67425

Morrison #2-1

Job Ticket: 49641

DST#: 1

ATTN: Jeff Burk

Test Start: 2012.12.11 @ 23:41:43

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.02 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	SOSM 1%O 99%M	0.140

Total Length: 10.00 ft

Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6798

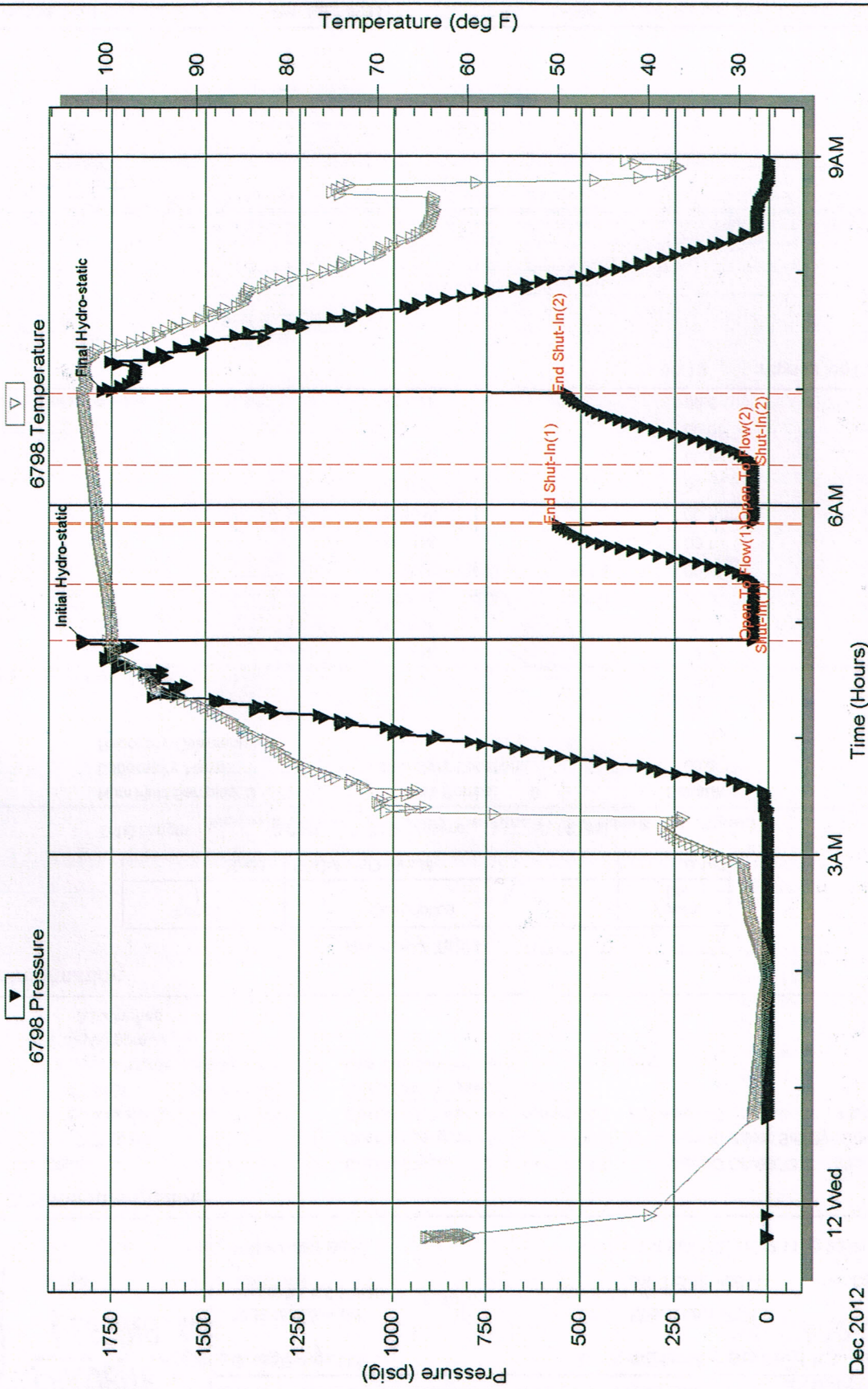
Inside

Quest Energy LLC

Morrison #2-1

DST Test Number: 1

# Pressure vs. Time





# QUALITY WELL SERVICE, INC.

577

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Heath's Cell 620-727-3410

Office / Fax 620-672-3663

Rich's Cell 620-727-3409

Brady's Cell 620-727-6964

Date	11-26-12	Sec.	1	Twp.	21	Range	14	County	Stafford	State	KS	On Location		Finish	11:15
Lease	Morrison	Well No.	2-1			Location									
Contractor	Precision Drilling								Owner						
Type Job	Surface								To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed						
Hole Size	12 1/4								T.D.						
Csg.	8 5/8								Depth 218						
Tbg. Size									Depth						
Tool									Depth						
Cement Left in Csg.	20'								Shoe Joint						
Meas Line									Displace						
EQUIPMENT									3% CC.						
Pumptrk	6	No.							Common 225						
Bulktrk	4	No.							Poz. Mix						
Bulktrk		No.							Gel. 4						
Pickup		No.							Calcium 8						
JOB SERVICES & REMARKS									Hulls						
Rat Hole									Salt						
Mouse Hole									Flowseal						
Centralizers									Kol-Seal						
Baskets									Mud CLR 48						
D/V or Port Collar									CFL-117 or CD110 CAF 38						
Run 8jts 8 5/8 csg.									Sand						
									Handling 237						
Established circulation.									Mileage 10						
									FLOAT EQUIPMENT						
Mixed and pumped 225sr common.									Guide Shoe						
2% Gel 3% CC Displaced with									Centralizer						
12.6 bbls H <sup>2</sup> O. Shut in 300psi									Baskets						
									AFU Inserts						
Cement did circulate.									Float Shoe						
									Latch Down						
									Pumptrk Charge Surface						
									Mileage 10						
									Tax						
									Discount						
X Signature									Total Charge						