



KANSAS CORPORATION COMMISSION 1108605
OIL & GAS CONSERVATION DIVISION

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 # 33786
Name: Double D's LLC
Address 1: 133 E 12TH
Address 2:
City: HAYS State: KS Zip: 67601 + 3607
Contact Person: Duane Bieker
Phone: (785) 230-0113
CONTRACTOR: License # 33905
Name: Royal Drilling Inc
Wellsite Geologist: Al Downing
Purchaser:

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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 #:

11/07/2012	11/15/2012	11/29/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-051-26396-00-00

Spot Description:
N2 NW SW NW Sec. 25 Twp. 13 S. R. 20 East West
1340 Feet from North / South Line of Section
330 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Ellis

Lease Name: Younger Well #: 1

Field Name:

Producing Formation: Arbuckle

Elevation: Ground: 2132 Kelly Bushing: 2132

Total Depth: 2129 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 220 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 1423 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: 17000 ppm Fluid volume: 720 bbls

Dewatering method used: Evaporated

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: Deanna Garrison Date: 01/24/2013

1108605

Operator Name: Double D's LLC Lease Name: Younger Well #: 1
 Sec. 25 Twp. 13 S. R. 20 East West County: Ellis

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 (Attach Additional Sheets)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name Attached	Top Attached Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Electric Log Submitted Electronically (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run: Attached			

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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
Surface	12.25	8.625	23	220	Common	170	Common 3% cc 2% gel
Long string	7.88	5.5	14	3849	Common	200	Common 10% salt, 5% gilsonite

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-423	QMD	100	1/4 lb. flo seal

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
4	3761- 3763	spotted 100 gal. acid	3763
4	3766-3776	treated with 250 gal. mud acid	3761-3776
		retreat with 750 gal. of mod 202	3761-3776

TUBING RECORD:	Size: <u>2.88</u>	Set At: <u>3769</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>01/01/2013</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls. <u>15</u>	Gas Mcf <u>0</u>	Water Bbls. <u>29</u>	Gas-Oil Ratio <u>0</u> Gravity <u>39</u>

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3761-3776</u>
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Form	ACO1 - Well Completion
Operator	Double D's LLC
Well Name	Younger 1
Doc ID	1108605

All Electric Logs Run

Micro log
Dual Induction
Neutron density
Sonic

Form	ACO1 - Well Completion
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Well Name	Younger 1
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Tops

Anhydrite	1438	+ 693
Base	1472	+659
Topeka	3133	-999
Heebner	3372	-1239
Toronto	3395	-1261
Lansing	3414	-1279
BKC	3677	-1543
Marmaton	3718	-1585
Arbuckle	3760	-1625



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Double D's LLC

25-13s-20w

133 E 12th
Hays Ks 67601

Younger #1

Job Ticket: 44315

DST#: 4

ATTN: Duana Bleker

Test Start: 2012.11.15 @ 12:01:06

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:06:36

Time Test Ended: 19:10:36

Test Type: Conventional Straddle (Reset)

Tester: Jeff Brown

Unit No: 44

Interval: **3746.00 ft (KB) To 3776.00 ft (KB) (TVD)**

Total Depth: 3850.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2138.00 ft (KB)

2131.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: **8321**

Inside

Press@RunDepth: 121.13 psig @ 3752.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.11.15

End Date: 2012.11.15

Last Calib.: 2012.11.15

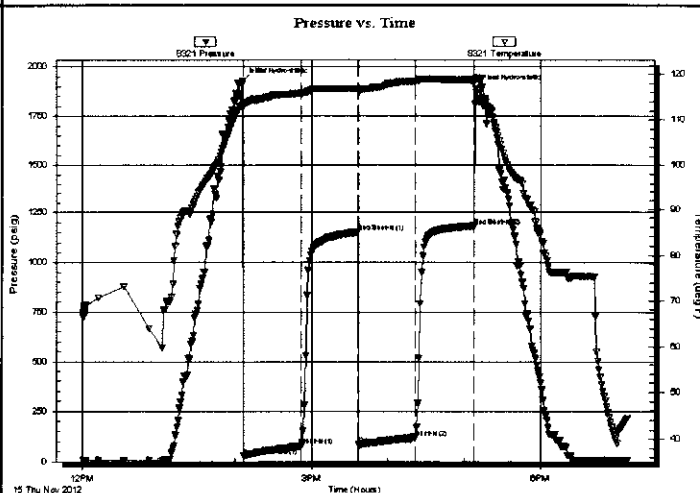
Start Time: 12:01:07

End Time: 19:07:36

Time On Btm: 2012.11.15 @ 14:06:06

Time Off Btm: 2012.11.15 @ 17:09:06

TEST COMMENT: IFP=Good blow BOB in 14 1/2 min
 IS=Weak surface blow back built to 3/4 in died back to 1/2 in
 FFP=Good blow BOB in 13 min
 FSI=Weak surface blow back built to 3/4 in deid back to a surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1925.83	113.44	Initial Hydro-static
1	29.62	112.88	Open To Flow (1)
46	78.77	115.88	Shut-In(1)
91	1151.51	116.88	End Shut-In(1)
91	86.94	116.55	Open To Flow (2)
136	121.13	118.48	Shut-In(2)
182	1181.91	118.69	End Shut-In(2)
183	1889.10	119.05	Final Hydro-static

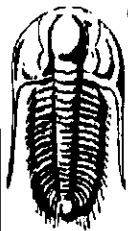
Recovery

Length (ft)	Description	Volume (bbl)
79.00	HOCGM 10%G 30%O 60%M	1.11
204.00	Gassy Oil 30%G 70%O	2.86
0.00	315-GIP	0.00

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Double D's LLC

25-13s-20w

133 E 12th
Hays Ks 67601

Younger #1

Job Ticket: 44315

DST#: 4

ATTN: Duana Bleker

Test Start: 2012.11.15 @ 12:01:06

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
79.00	HOCGM 10%G 30%O 60%M	1.108
204.00	Gassy Oil 30%G 70%O	2.862
0.00	315-GIP	0.000

Total Length: 283.00 ft Total Volume: 3.970 bbl

Num Fluid Samples: 0

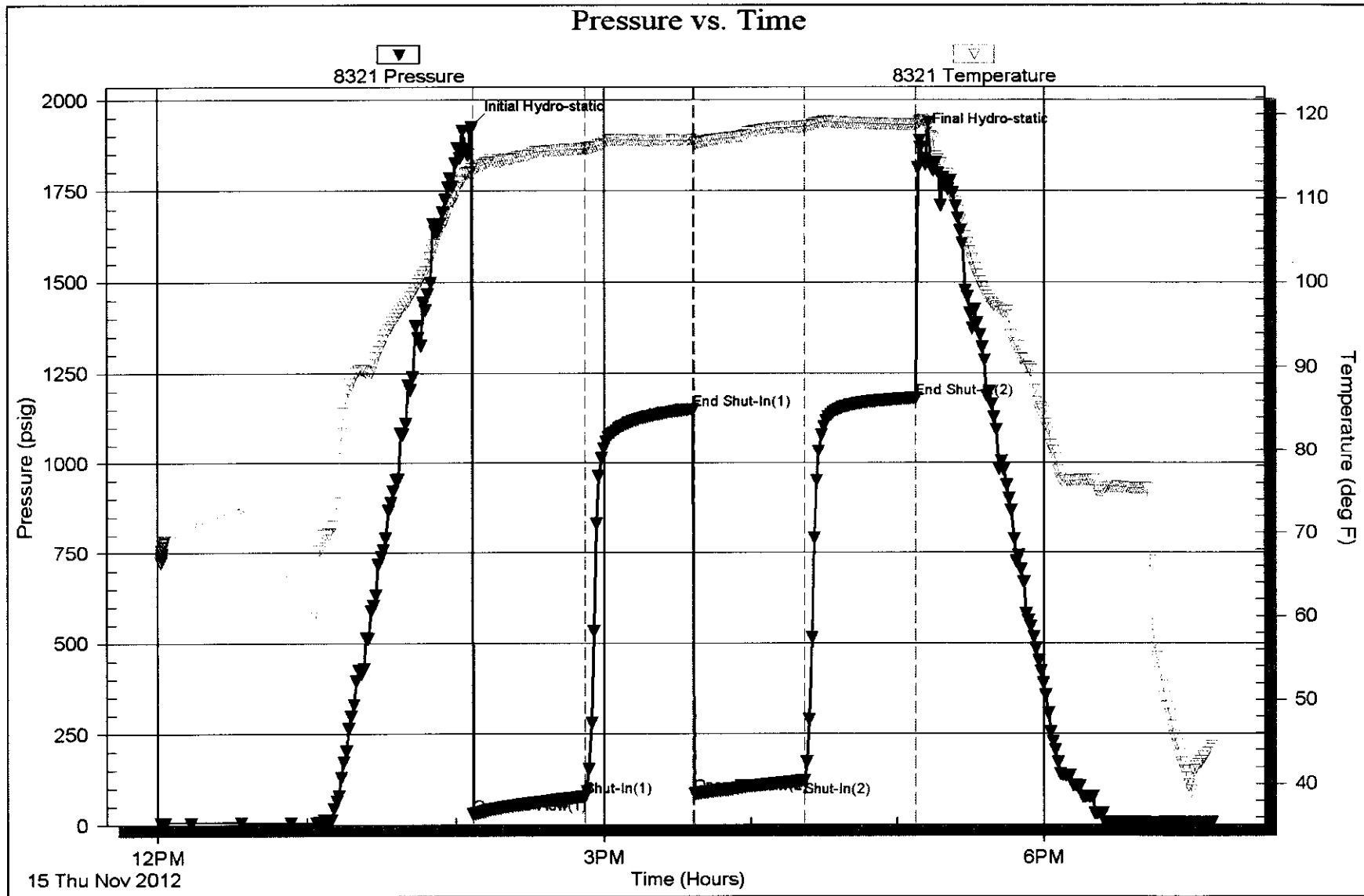
Num Gas Bombs: 0

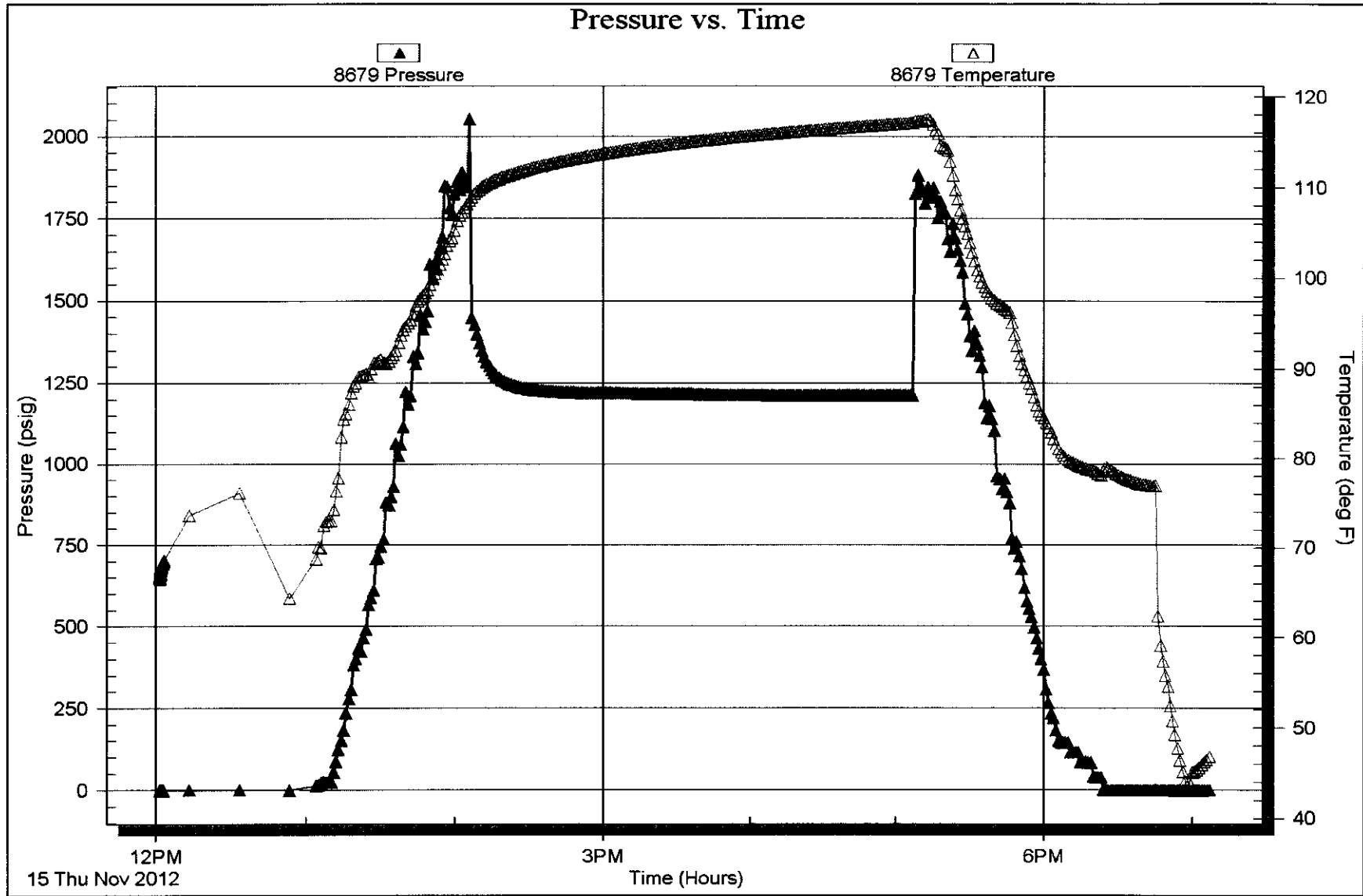
Serial #:

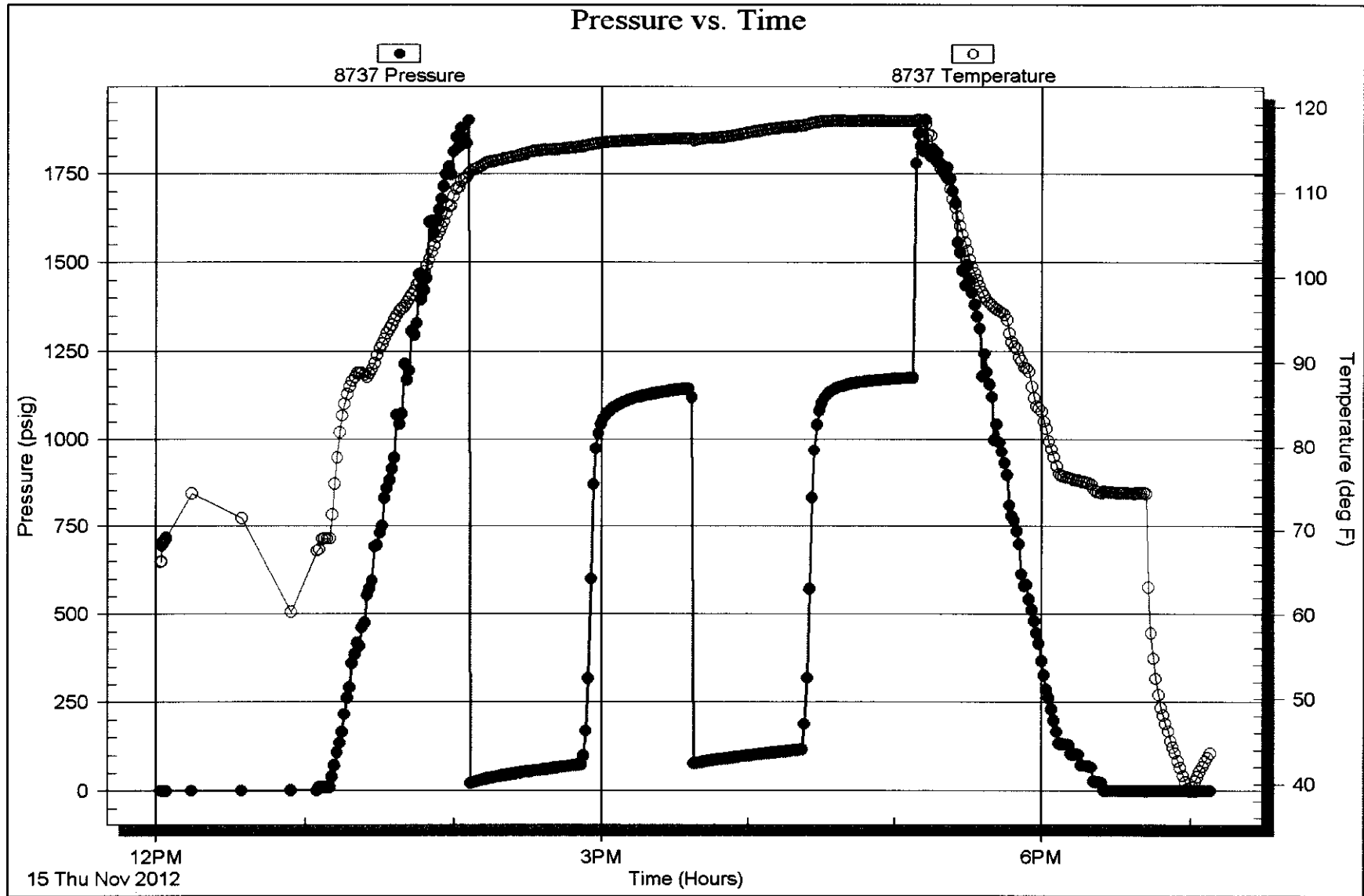
Laboratory Name:

Laboratory Location:

Recovery Comments:







QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 0117

Cell 785-324-1041

Date	10-10-10	Sec.	05	Twp.	13	Range	20	County	Ellis	State	Ks	On Location		Finish	2:45 PM
Lease								Well No.		Owner					
Contractor								To Quality Oilwell Cementing, Inc.							
Type Job								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				T.D.				Charge To							
Csg.				Depth				Street							
Tbg. Size				Depth				City State							
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.				Shoe Joint				Cement Amount Ordered							
Meas Line				Displace											
EQUIPMENT								Common							
Pumptrk				No. Cementer/Helper				Poz. Mix							
Bulktrk				No. Driver				Gel.							
Bulktrk				No. Driver				Calcium							
JOB SERVICES & REMARKS								Hulls							
Remarks:								Salt							
Rat Hole								Flowseal							
Mouse Hole								Kol-Seal							
Centralizers								Mud CLR 48							
Baskets								CFL-117 or CD110 CAF 38							
D/V or Port Collar								Sand							
								Handling							
								Mileage							
								FLOAT EQUIPMENT							
								Guide Shoe							
								Centralizer							
								Baskets							
								AFU Inserts							
								Float Shoe							
								Latch Down							
								Pumptrk Charge							
								Mileage							
								Tax							
								Discount							
X Signature								Total Charge							

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 6205

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11.16.12	25	13	20	Ellis	Ks		5:15 A.M.
Lease				Well No.		Owner	
Younger				1		To Quality Oilwell Cementing, Inc.	
Contractor				You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Royce #1							
Type Job				Charge To			
Production String				Double D'S			
Hole Size		T.D.		Depth		Street	
7 1/8		3850		3849			
Csg.		Tbg. Size		Depth		City	
5 1/2						State	
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Port Collar #62		1436					
Cement Left In Csg.		Shoe Joint		Cement Amount Ordered			
38.05		38.05		200 can 100 salt + 5% like etc			
Meas Line		Displace		500 gal mud flush			
		93 BC		Common 200			
EQUIPMENT							
Pumptrk	No.	Cement	Helper	Poz. Mix			
9		gang					
Bulktrk	No.	Driver	Driver	Gel.			
		Andy					
Bulktrk	No.	Driver	Driver	Calcium			
14		Billy					
JOB SERVICES & REMARKS							
Remarks:				Hulls			
Rat Hole 30SK				Salt 18			
Mouse Hole 15SK				Flowseal			
Centralizers				Koi-Seal 1000 #			
Baskets				Mud CLR 48 500 gal			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
5 1/2 size @ 3849. Insert 38 1/4				Sand			
Est. Circulation. Pump special mud flush				Handling 228			
+ 12 BC spacer. Plug Rattler mouse hole				Mileage			
Cement 5 1/2 with 15.5 SK - Clear				FLOAT EQUIPMENT			
Lines - Displace plug - Plug landed				Guide Shoe 5 1/2			
@ 1500 #. Held. Release pressure. Dry.				Centralizer 9 Turbo's			
				Baskets 3			
				AFB inserts Port Collar			
				Float Shoe 1			
				Latch Down 1			
				Rotator			
				Pumptrk Charge Prod Long String			
				Mileage 14			
				Tax			
				Discount			
				Total Charge			
X Signature Doc Foy							

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 6091

Date	11-7-12	Sec	25	Twp.	13	Range	10	County	Ellis	State	KS	On Location	9.15 PM		
Lease	Y. Excellent to Sta 40 W to 150 BS E 17														
Contractor	Younger		Well No.	1											
Type Job	Surface		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.												
Hole Size	17 1/4		T.D.	220											
Csg.	538		Depth	220											
Tbg. Size			Depth												
Tool			Depth												
Cement Left in Csg.	20 FT		Shoe Joint	A+											
Meas Line			Displace	12 3/4 BBL											
EQUIPMENT													Common	170	
Pumptrk	5	No.	Cementer	Matt										Poz. Mix	
Bulktrk	14	No.	Driver	Matt										Gel.	3
Bulktrk	pk	No.	Driver	Lorraine M										Calcium	6
JOB SERVICES & REMARKS													Hulls		
Remarks:													Salt		
Rat Hole													Flowseal		
Mouse Hole													Kol-Seal		
Centralizers													Mud CLR 48		
Baskets													CFL-117 or CD110 CAF 38		
D/V or Port Collar													Sand		
													Handling	179	
													Mileage		
FLOAT EQUIPMENT													Guide Shoe		
Cement chd Circulate													Centralizer		
													Baskets		
													AFU Inserts		
													Float Shoe		
													Latch Down		
													Pumptrk Charge	Surface	
													Mileage	274	
													Tax		
													Discount		
													Total Charge		
X Signature	[Signature]														