



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: _____



1070664

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

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 <i>(Amount and Kind of Material Used)</i>	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
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

January 09, 2012

Tom Denning
TDI, Inc.
1310 BISON RD
HAYS, KS 67601-9696

Re: ACO1
API 15-051-26163-00-00
Yarnell-Gross Unit 1
SW/4 Sec.04-15S-19W
Ellis 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,
Tom Denning



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TDI, Inc.
1310 Bison Rd.
Hays, KS 67601
ATTN: Herb Dienes

Yarnell-Gross Unit #1
4/15S/19W-Ellis
Job Ticket: 45224 **DST#: 1**
Test Start: 2011.08.01 @ 06:20:15

GENERAL INFORMATION:

Formation: **LKC "H,I,&J"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:25:45
Time Test Ended: 14:10:45
Interval: **3470.00 ft (KB) To 3557.00 ft (KB) (TVD)**
Total Depth: 3557.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Dustin Rash
Unit No: 38
Reference Elevations: 2055.00 ft (KB)
2045.00 ft (CF)
KB to GR/CF: 10.00 ft

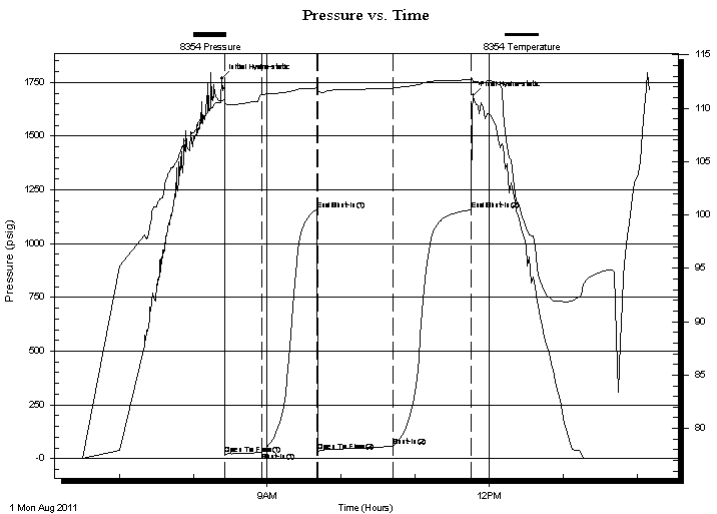
Serial #: 8354

Inside

Press @ Run Depth: 57.05 psig @ 3540.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.08.01 End Date: 2011.08.01 Last Calib.: 2011.08.01
Start Time: 06:30:15 End Time: 14:10:45 Time On Btm: 2011.08.01 @ 08:23:15
Time Off Btm: 2011.08.01 @ 11:47:15

TEST COMMENT: IF-Fair building blow . BOB in 20 minutes 30 seconds.
ISI-No Return.
FF-Strong building blow . BOB in 3 minutes.
FSI-No Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1767.82	110.68	Initial Hydro-static
3	19.65	110.40	Open To Flow (1)
33	30.25	111.25	Shut-In(1)
77	1157.27	111.88	End Shut-In(1)
78	32.00	111.62	Open To Flow (2)
139	57.05	111.88	Shut-In(2)
203	1157.78	112.65	End Shut-In(2)
204	1689.10	112.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	50%Gas/30%Mud/20%Oil	0.84
50.00	80%Mud/10%Oil/10%Gas	0.70
0.00	620' G.I.P.	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

TDI, Inc.
1310 Bison Rd.
Hays, KS 67601
ATTN: Herb Dienes

Yarnell-Gross Unit #1
4/15S/19W-Ellis
Job Ticket: 45224 **DST#: 1**
Test Start: 2011.08.01 @ 06:20:15

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: 41.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.80 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2300.00 ppm			
Filter Cake: inches			

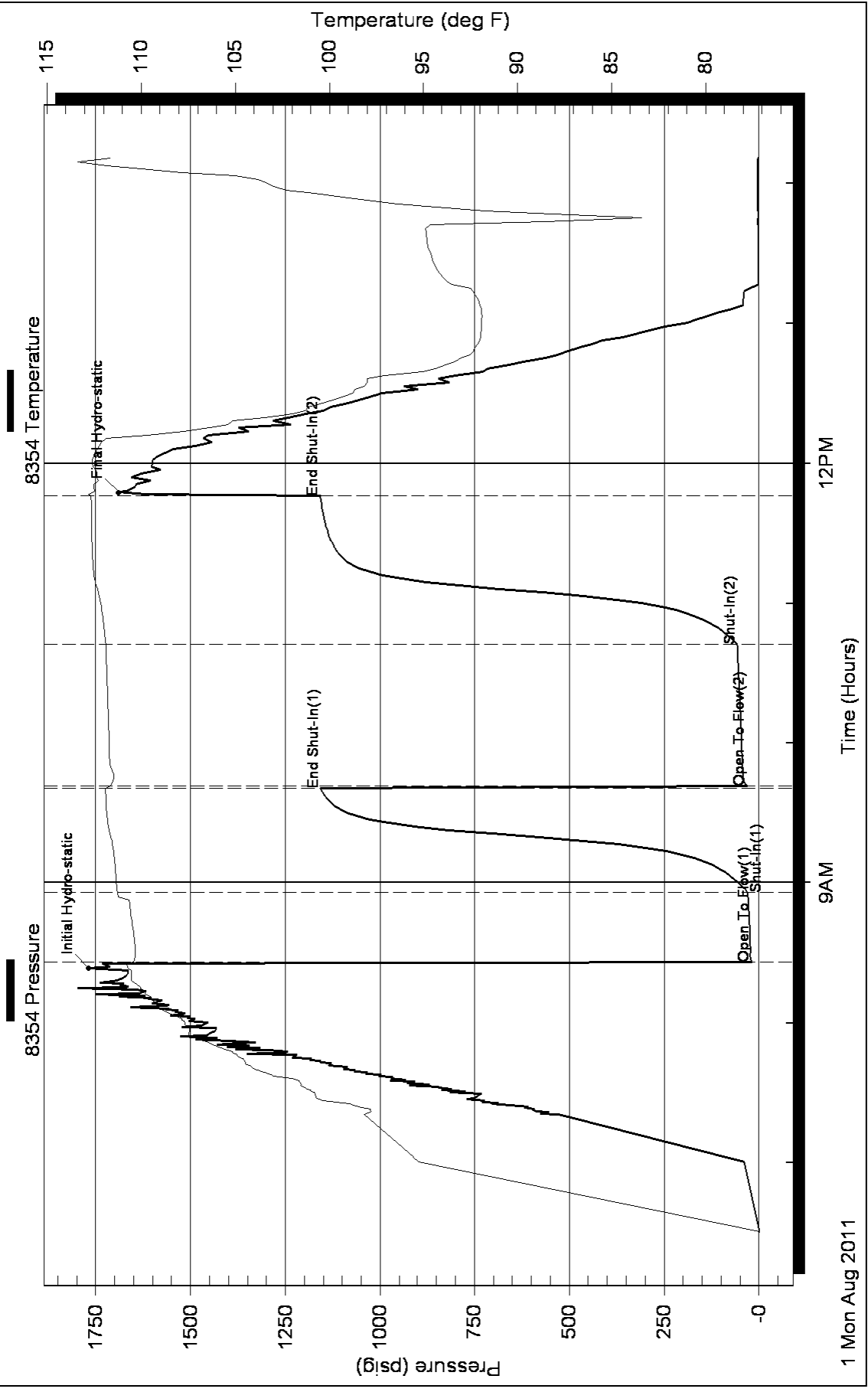
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	50%Gas/30%Mud/20%Oil	0.842
50.00	80%Mud/10%Oil/10%Gas	0.701
0.00	620' G.I.P.	0.000

Total Length: 110.00 ft Total Volume: 1.543 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TDI, Inc.
 1310 Bison Rd.
 Hays, KS 67601
 ATTN: Herb Dienes

Yarnell-Gross Unit #1
4/15S/19W-Ellis
 Job Ticket: 45225 **DST#: 2**
 Test Start: 2011.08.02 @ 04:07:30

GENERAL INFORMATION:

Formation: **Cong Sand & Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:10:30

Time Test Ended: 11:16:00

Test Type: Conventional Bottom Hole

Tester: Dustin Rash

Unit No: 38

Interval: **3674.00 ft (KB) To 3686.00 ft (KB) (TVD)**

Reference Elevations: 2055.00 ft (KB)

Total Depth: 3686.00 ft (KB) (TVD)

2045.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8354 Inside

Press @ Run Depth: 33.28 psig @ 3676.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.08.02 End Date: 2011.08.02

Last Calib.: 2011.08.02

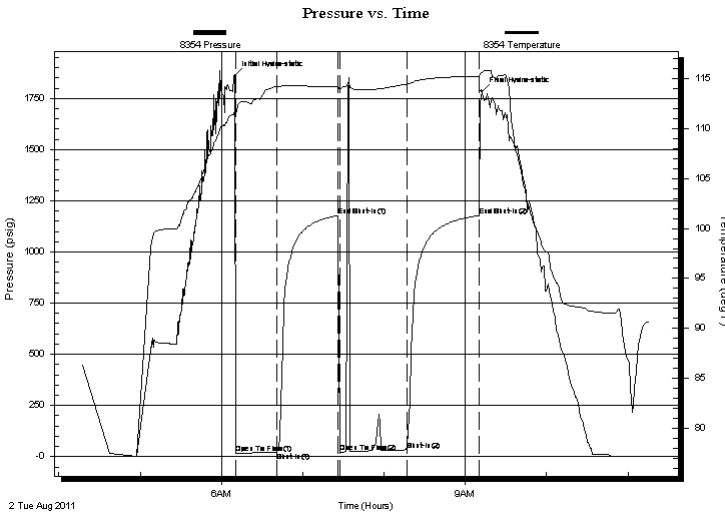
Start Time: 04:17:30 End Time: 11:16:00

Time On Btm: 2011.08.02 @ 06:10:00

Time Off Btm: 2011.08.02 @ 09:12:00

TEST COMMENT: IF-Very weak building blow . Built to 1&1/2 inches.
 IS-No Return.
 FF-No blow . Flushed tool. Weak surface blow . No build.
 FS-No Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1858.68	111.92	Initial Hydro-static
1	17.74	111.60	Open To Flow (1)
31	21.69	114.21	Shut-In(1)
76	1175.32	114.18	End Shut-In(1)
78	23.08	113.93	Open To Flow (2)
127	33.28	114.45	Shut-In(2)
181	1177.29	115.27	End Shut-In(2)
182	1783.35	115.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	90%Oil/10%Oil	0.28
15.00	75%Oil/25%Gas	0.21
0.00	25' G.I.P.	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

TDI, Inc.
1310 Bison Rd.
Hays, KS 67601
ATTN: Herb Dienes

Yarnell-Gross Unit #1
4/15S/19W-Ellis
Job Ticket: 45225 **DST#: 2**
Test Start: 2011.08.02 @ 04:07:30

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 31 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.20 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 2500.00 ppm		
Filter Cake: inches		

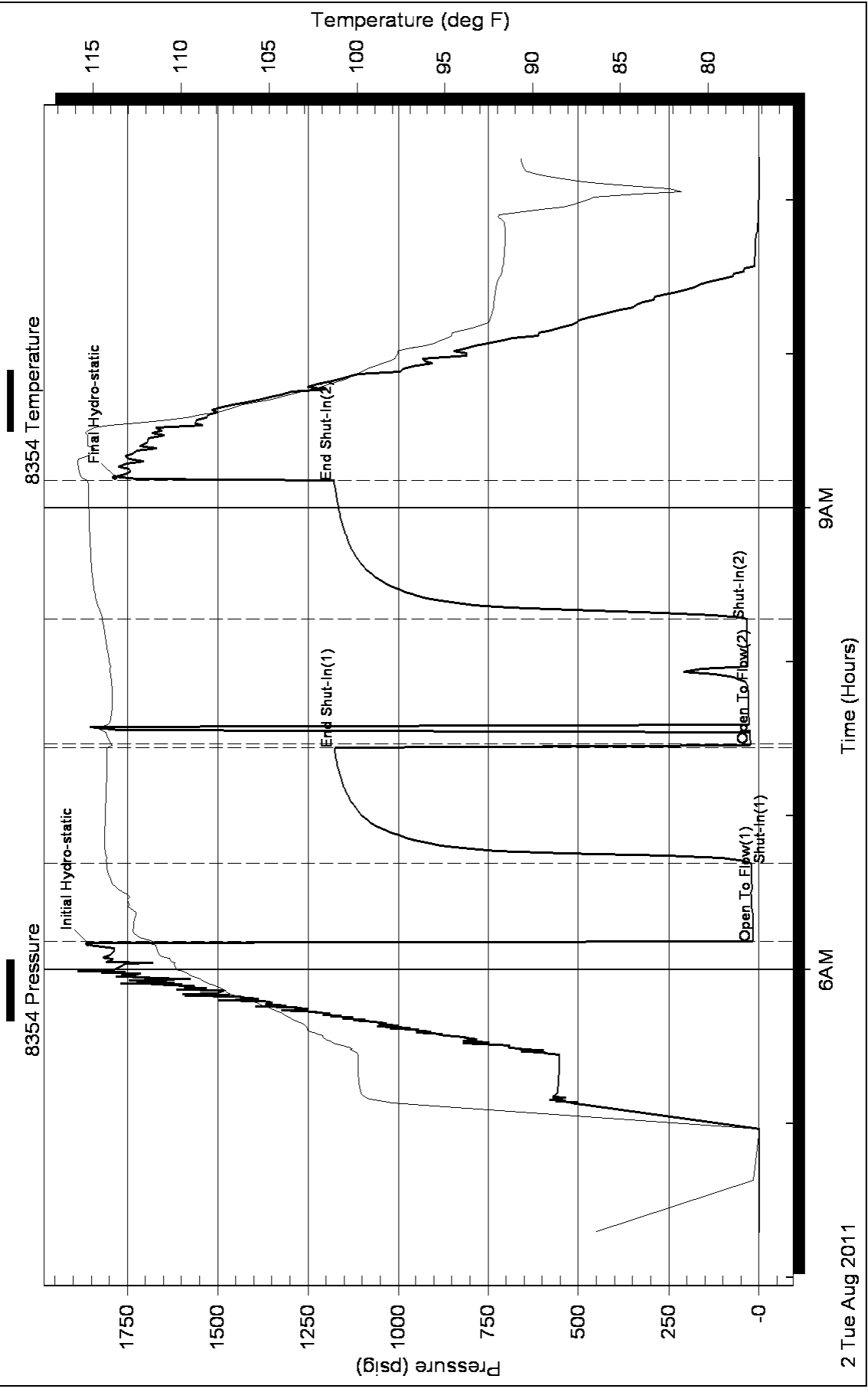
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	90%Oil/10%Oil	0.281
15.00	75%Oil/25%Gas	0.210
0.00	25' G.I.P.	0.000

Total Length: 35.00 ft Total Volume: 0.491 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time



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. 5319

Date	8-3-11	Sec.	4	Twp.	15	Range	19	County	Ellis	State	KS	On Location		Finish	9:00A.M.	
Lease	Council Cross Unit			Well No.	1		Location	Antino 15 2 1/2 W Vinto								
Contractor	Southwind #1							Owner	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	DV JOB							Charge To	TD J							
Hole Size	7 7/8		T.D.	3765			Depth	3764								
Csg.	5 1/2 14F		Depth													
Tbg. Size			Depth													
Tool	DV Tool #58		Depth	1303												
Cement Left in Csg.	4343		Shoe Joint	43.43												
Meas Line			Displace	91BC		Cement Amount Ordered	150 ccm 10 1/2 Salt									
EQUIPMENT							500 gal mud clear 100L KCL									
Pumptrk	9	No.	Cementer	Craig		Helper	Common									
Bulktrk		No.	Driver	David		Driver	Poz. Mix									
Bulktrk	8	No.	Driver	Cory		Driver	Gel.									
JOB SERVICES & REMARKS							Calcium									
Remarks:								Hulls								
Rat Hole								Salt 13								
Mouse Hole								Flowseal								
Centralizers								Kol-Seal								
Baskets								Mud CLR 48 500 gal								
D/V or Port Collar								CFL-117 or CD110 CAF 38								
5 1/2 size 3764. Insert 3720.5							Sand KCL 2 gal									
Est. Circulation - Pump 500 gal. mud clear							Handling 163									
+ 100L KCL - Mix 150SK Cement.							Mileage									
Clear lines - Displace 63 water							FLOAT EQUIPMENT									
270L mud 132 water to land							Guide Shoe 5 1/2									
Plug placed @ 1200# hole							Centralizer 8									
Release pressure Dyfc							Baskets 4									
							AFU Inserts									
							Float Shoe 1									
							Latch Down DV Tool									
							Pumptrk Charge paid long string									
							Mileage 12									
							Tax									
							Discount									
							Total Charge									
Signature <i>[Handwritten Signature]</i>																

Bottom Stage

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. 5320

Date	8-3-11	Sec.	4	Twp.	15	Range	19	County	Ellis	State	KS	On Location		Finish	10:30 A.M.
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Lease	Garner Cross Unit	Well No.	1	Location	Antoine 15 2 1/2 W Vinto
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Contractor	Southwind #1	Top Stage	Owner	To Quality Oilwell Cementing, Inc.	
Type Job	DI 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	7 7/8	T.D.	3765		
Csg.	5 1/2	Depth	3764	Charge To	TDI
Tbg. Size		Depth		Street	
Tool	DI Tool	Depth	1303	City	State
Cement Left in Csg.		Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.	
Meas Line		Displace	31 3/4 BBL	Cement Amount Ordered	200 QMDC Vert Flo

EQUIPMENT

Pumptrk	9	No.	Cement Helper	George	Common	200 QMDC
Bulktrk		No.	Driver	David	Poz. Mix	
Bulktrk	710	No.	Driver	David	Gel.	

JOB SERVICES & REMARKS

Remarks:		Calcium	
Rat Hole		Hulls	
Mouse Hole		Salt	
Centralizers		Flowseal	50A
Baskets		Kol-Seal	
D/V or Port Collar		Mud CLR 48	
Plug Reelhole & mouse hole.		CFL-117 or CD110 CAF 38	
Mix 160SK & Displace.		Sand	
Cement Circulated!		Handling	200
		Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

Pumptrk Charge	Prod Long String	Top Stage
Mileage	N/A	

Thanks!

X Signature *Ann W. ...*

Tax	
Discount	
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. 5256

Date	2/27/11	Sec.	3	Twp.	15	Range	19	County	Ellis	State	KS	On Location		Finish	9:30 PM
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Lease Yarnell - Gross Well No. Unit #1 Location Antarino, 15, 2 1/2 W, N into

Contractor Southwind Drilling Rig #1 Owner To Quality Oilwell Cementing, Inc.

Type Job Surface 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. 425'

Csg. 8 5/8" 23# Depth 422' Charge To TDI

Tbg. Size _____ Depth _____ Street _____

Tool _____ Depth _____ City _____ State _____

Cement Left in Csg. 15' Shoe Joint _____ The above was done to satisfaction and supervision of owner agent or contractor.

Meas Line _____ Displace 25 3/4 Bbk. Cement Amount Ordered 200sx Com 3% CC 2% gel

EQUIPMENT

Pumptrk	<u>4</u>	No.	Cementer	<u>Paul</u>	Common	<u>200</u>
			Helper			

Bulktrk	<u>8</u>	No.	Driver	<u>Matt</u>	Poz. Mix	
			Driver			

Bulktrk	<u>AV</u>	No.	Driver	<u>Rick</u>	Gel.	<u>4</u>
			Driver			

JOB SERVICES & REMARKS

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 _____

Est. Circ. _____ Sand _____

Mix 200sx Handling 211

Displace _____ Mileage _____

Cement Circulated _____

FLOAT EQUIPMENT

Guide Shoe 8 5/8"

Centralizer _____

Baskets _____

AFU Inserts Swage

Float Shoe _____

Latch Down _____

Pumptrk Charge Surface

Mileage 12

Tax _____

Discount _____

Signature Frank Rome Total Charge _____

Thank You!!

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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

January 10, 2012

Tom Denning
TDI, Inc.
1310 BISON RD
HAYS, KS 67601-9696

Re: ACO-1
API 15-051-26163-00-00
Yarnell-Gross Unit 1
SW/4 Sec.04-15S-19W
Ellis County, Kansas

Dear Tom Denning:

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 07/27/2011 and the ACO-1 was received on January 10, 2012 (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