

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

ORIGINAL

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

OPERATOR: License # 34577
Name: Carmen L Ginther
Address 1: 2719 Ash Street
Address 2: _____
City: Hays State: KS Zip: 67601 + _____
Contact Person: Carmen Ginther
Phone: (785) 625-6040
CONTRACTOR: License # 31548
Name: Discovery Drilling Co., Inc.
Wellsite Geologist: Marc Downing
Purchaser: Coffeyville Resources

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: Liberty Enterprises INC
Well Name: Ginther 3
Original Comp. Date: unknown Original Total Depth: 200'
 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 #: _____

<u>4/20/2012</u>	<u>4/25/2012</u>	<u>4/26/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 051-22,878-00-01
Spot Description: _____
 NW NE SE Sec. 29 Twp. 12 S. R. 20 East West
2,310 Feet from North / South Line of Section
909 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ellis
Lease Name: Ginther "A" (OWWO) Well #: 2
Field Name: Dist 57
Producing Formation: LKC & Marmaton
Elevation: Ground: 2171 Kelly Bushing: 2179
Total Depth: 3935 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 200(set in 1982) Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1518 Feet
If Alternate II completion, cement circulated from: 1518
feet depth to: surface w/ 230 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 18,000 ppm Fluid volume: 400 bbls
Dewatering method used: Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

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.

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.

Signature: Carmen L Ginther
Title: Operator/agent Date: 9-28-12

KCC Office Use ONLY

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Letter of Confidentiality Received Date: _____
 Confidential Release Date: OCT 01 2012
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
• ALT I II III Approved by: Dlg Date: 10/5/12

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Carmen L Ginther Lease Name: Ginther "A" (OWWO) Well #: 2
 Sec. 29 Twp. 12 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 <i>(Attach Additional Sheets)</i>	<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	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Top Anhydrite	1541	+638
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base Anhydrite	1588	+594
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	3211	-1032
List All E. Logs Run:		Heebner	3441	-1262
DIL/CNL/CDL/MEL		Toronto	3461	-1282
		LKC	3478	-1299
		BKC	3721	-1542

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 Pipe	12 1/4	8 5/8	23	200	set in 1982		
Production String	7 7/8	5 1/2	14	3933	Common	130	10% Salt

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
4	3513' - 3516'	150 Gals 15% NE HCL	3513-3516
1	3619' - 3619'	500 Gals 15% NE HCL	3619
1	3640' - 3640'	500 Gals 15% NE HCL	3640
1	3683' - 3683'	500 Gals 15% NE HCL	3683
4	3782' - 3789'	500 Gals 7 1/2% MCA	3782-3789

TUBING RECORD: Size: <u>2 7/8</u>		Set At: <u>3934</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>5/26/2012</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>2.5</u>	Gas Mcf	Water Bbls. <u>10</u>	Gas-Oil Ratio <u>36</u>

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: RECEIVED KANSAS CORPORATION COMMISSION OCT 01 2012
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

CONSERVATION DIVISION
WICHITA, KS

Additional Drilling Information

ACO1 - Ginther "A" #2 API No. 15-051-22,878-00-01

Additional Perforations:

4 shots per foot	3848' - 3854'	150 gals 15% MCA 500 gals 15% NE/FE 378 gals 20% INS
2 shots per foot	3854' - 3860' 3848' - 3860'	150 gals 15% MCA 250 gals 20% INS

Additional Formation Top and Datum:

<u>Name</u>	<u>Top</u>	<u>Datum</u>
Marmaton	3774	-1595
Arbuckle	3846	-1667

Lateral Jet Drilling - Well Enhancement Services

<u>Lateral Depth</u>	<u>Lat Direction</u>	<u>Lat Distance</u>	<u>Amount of Acid</u>
3795'	E	400'	400 gals
3795'	SE	400'	400 gals
3855'	E	575'	750 gals
3855'	SE	575'	750 gals

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CONSERVATION DIVISION
WICHITA, KS

QUALITY OILWELL CEMENTING, INC.

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

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

No. 378

Date	4-26-12	Sec.	29	Twp.	12	Range	20	County	ELLIS	State	KANSAS	On Location		Finish	6:30 PM	
Lease	GINTHER A			Well No.	#3			Location	ELLIS & T. 70-13/4" N-W/INTO							
Contractor	DISCOVERY DRILLING #4							Owner	CARMEN GINTHER							
Type Job	PROD. STRING							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	8 5/8"			T.D.	3935			Charge To	CARMEN L. GINTHER							
Csg.	5 1/2"			Depth	3935.12			Street	2719 ASH ST.							
Tbg. Size				Depth				City	HAYS			State KANSAS, 671601				
Tool - PORT COLLAR				Depth				The above was done to satisfaction and supervision of owner agent or contractor.								
Cement Left in Csg.				Shoe Joint	21.88			Cement Amount Ordered 175 com. 10 3/4" SAT								
Meas Line				Displace	95.5 BLS			500 gal. max. & clear								

EQUIPMENT

Pumptrk	#15	No.	Cementer Helper	PAUL
Bulktrk		No.	Driver	LONNIE
Bulktrk	P/U	No.	Driver	CRISCO

Common	175
Poz. Mix	
Gel.	

JOB SERVICES & REMARKS

Remarks:
Rat Hole 30 SKS
Mouse Hde 15 SKS
Centralizers 1, 3, 5, 7, 9, 11, 13
Baskets 1, 13, 58
DV or Port Collar

BROKE CIRCULATION - CIRCULATED
30 MEN - PUMPED 500 GAL.
MUD CLR 48 & 10 BLS - KCL - PLUGGED
RAT & MOUSE HOLE - MIXED CEMENT
DISPLACED 10 BLS KCL - LANDED PLUG
PLUG HELD

Calcium	
Hulls	KCL 1 Gal
Salt	15
Flowseal	
Kol-Seal	
Mud CLR 48	500 GALLONS
CFL-117 or CD110 CAF 38	
Sand	
Handling	190
Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	8 - TURBOS - 5 1/2"
Baskets	3 - BASKETS - 5 1/2"
AFU Inserts	
Float Shoe	1 - 5 1/2"
Latch Down	1 - 5 1/2" w/PLUG
	20 BLS - KCL

THANK YOU!

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CONSERVATION DIV.
WICHITA, KS

1 - 5 1/2" PORT COLLAR	
Pumptrk Charge	prod Long String
Mileage	18

X Signature *Ava W. [unclear]*

Tax	
Discount	
Total Charge	

QUALITY OILWELL CEMENTING, INC.

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

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

No. 386

Date	Sec.	Twp.	Range	County	State	On Location	Finish
5-8-12	29	12	20	ELLIS	KANSAS		8:45 AM

Lease GINTHER Well No. A-NO 2 Location

Contractor PROFESSIONAL PULLING SERV Owner CARMEN L. GINTHER OIL

Type Job PORT COLLAR 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 ~~4 1/2~~ T.D. Charge To CARMEN L. GINTHER OIL

Csg. 5 1/2 Depth Tbg. Size 2 1/2" Depth Street

Tool PORT COLLAR Depth 1512' City State

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

Meas Line Displace Cement Amount Ordered 200 SKS QMDC 1/4 FLD

EQUIPMENT

Pumptrk #15 No. Cementer <u>PAUL</u>	Used 175
Bulktrk #14 No. Driver <u>DOUG</u>	Common 175
Bulktrk <u>P/U</u> No. Driver <u>ALSCO</u>	Poz. Mix
	Gel.

JOB SERVICES & REMARKS

Remarks:	Calcium
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal <u>60#</u>
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
<u>PRESSURED TO 800 LBS</u>	CFL-117 or CD110 CAF 38
<u>OPENED TOOL</u>	Sand
<u>MIXED 175 SKS TO CIRCULATE CEMENT</u>	Handling <u>250</u>
<u>DISPLACED</u>	Mileage

FLOAT EQUIPMENT

<u>CLOSED TOOL</u>	Guide Shoe
<u>PRESSURED TO 800 LBS</u>	Centralizer
<u>RUN 5 JOINTS WASHED TOOL CLEAN</u>	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

5 1/2" OPENING TOOL

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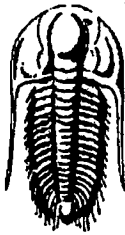
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WICHITA, KS

Pumptrk Charge	<u>port collar</u>
Mileage	<u>18</u>

X Signature Ann W...

Tax	
Discount	
Total Charge	



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Carmen Ginther

29-12s-20w Ellis, KS

2719 Ash St.
Hays KS 67601

Ginther A #2

Job Ticket: 47265

DST#: 1

ATTN: Marc Downing

Test Start: 2012.04.24 @ 03:05:05

GENERAL INFORMATION:

Formation: LKC"C"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:20:00

Time Test Ended: 09:01:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Andy Carreira

Unit No: 39

Interval: 3439.00 ft (KB) To 3527.00 ft (KB) (TVD)

Total Depth: 3527.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2179.00 ft (KB)

2171.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8372

Outside

Press@RunDepth: 46.82 psig @ 3446.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.24

End Date:

2012.04.24

Last Calib.: 2012.04.24

Start Time: 03:05:05

End Time:

09:01:10

Time On Btm: 2012.04.24 @ 05:19:40

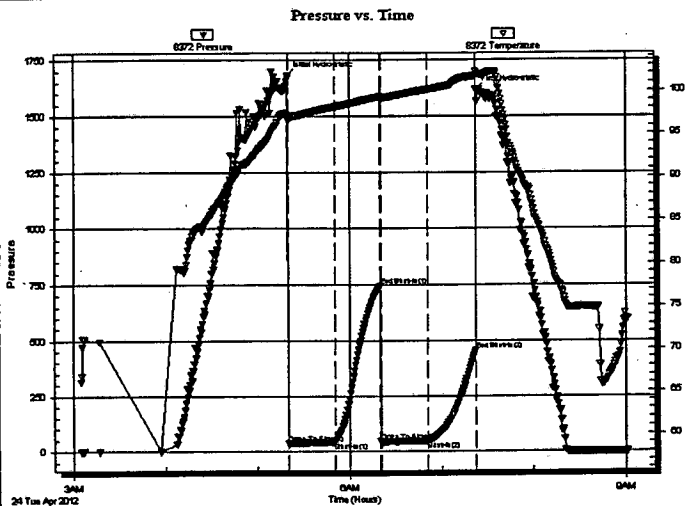
Time Off Btm: 2012.04.24 @ 07:22:09

TEST COMMENT: IF:(30min) Blow Died in 20 min.

ISl:(30min) No Return

FF:(30min) No Blow

FSl:(30min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1682.00	97.10	Initial Hydro-static
1	36.13	96.38	Open To Flow (1)
31	41.17	98.07	Shut-In(1)
61	746.05	99.24	End Shut-In(1)
61	42.80	98.94	Open To Flow (2)
91	46.82	100.10	Shut-In(2)
123	454.80	101.68	End Shut-In(2)
123	1616.43	102.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	SOCM o=5% m=95%	0.63

Gas Rates

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

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CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Ginther

29-12s-20w Ellis, KS

2719 Ash St.
Hays KS 67601

Ginther A #2

Job Ticket: 47265

DST#: 1

ATTN: Marc Downing

Test Start: 2012.04.24 @ 03:05:05

Tool Information

Drill Pipe:	Length: 3391.00 ft	Diameter: 3.80 inches	Volume: 47.57 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 31.10 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 47.72 bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	3.10 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3439.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	88.00 ft			
Tool Length:	108.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3420.00	
Shut In Tool	5.00			3425.00	
Hydraulic tool	5.00			3430.00	
Packer	5.00			3435.00	20.00 Bottom Of Top Packer
Packer	4.00			3439.00	
Stubb	1.00			3440.00	
Perforations	5.00			3445.00	
Change Over Sub	1.00			3446.00	
Recorder	0.00	8017	Inside	3446.00	
Recorder	0.00	8372	Outside	3446.00	
Drill Pipe	62.00			3508.00	
Change Over Sub	1.00			3509.00	
Perforations	15.00			3524.00	
Bullnose	3.00			3527.00	88.00 Bottom Packers & Anchor

Total Tool Length: 108.00

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WICHITA, KS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Ginther

29-12s-20w Ellis,KS

2719 Ash St.
Hays KS 67601

Ginther A #2

Job Ticket: 47265

DST#: 1

ATTN: Marc Downing

Test Start: 2012.04.24 @ 03:05:05

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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	SOCM o=5% m=95%	0.628

Total Length: 65.00 ft

Total Volume: 0.628 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

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CONSERVATION DIVISION
WICHITA, KS

Serial #: 8372

Outside Carmen Ginther

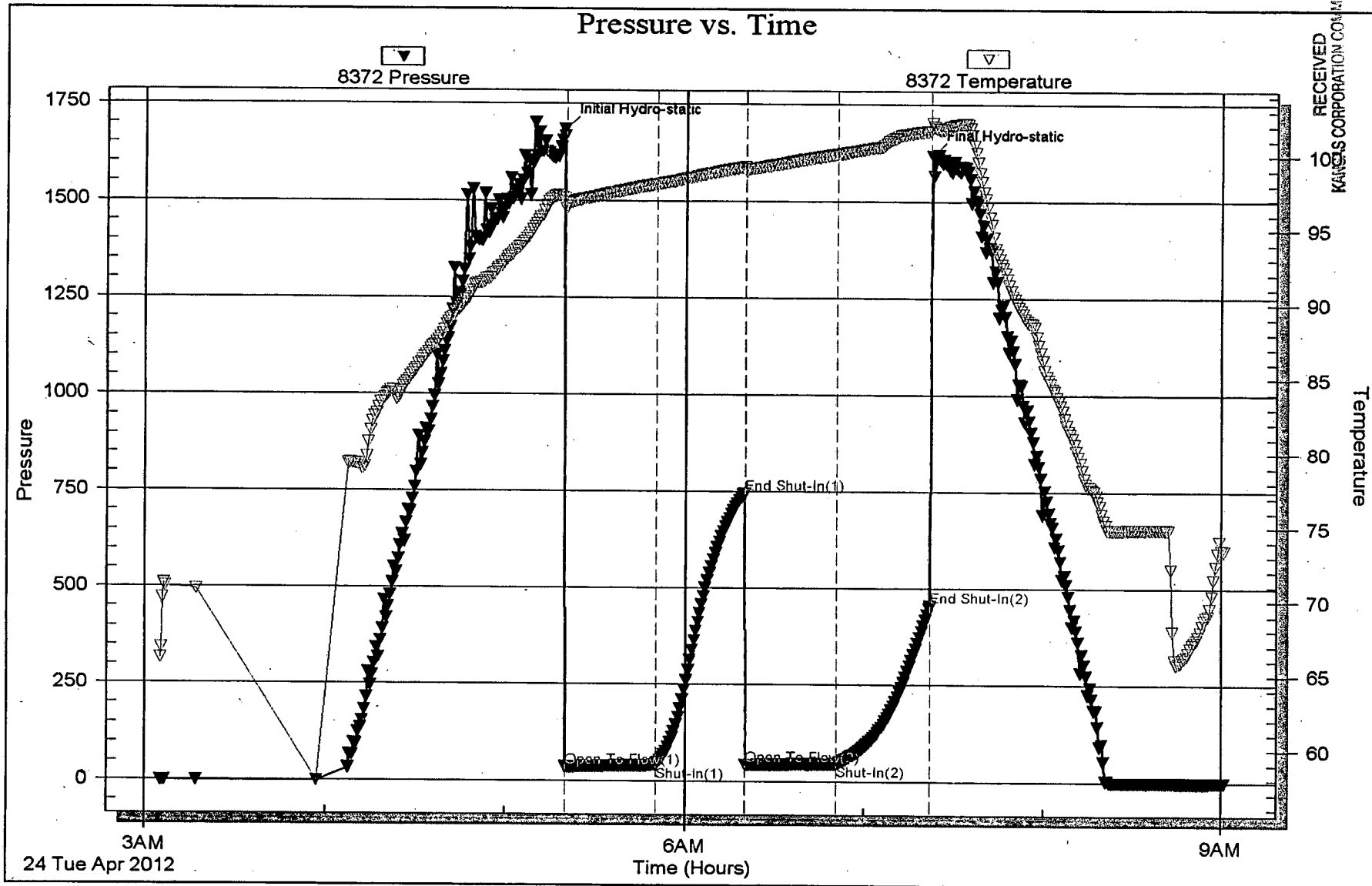
Ginther A #2

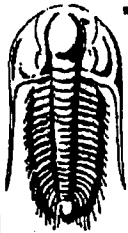
DST Test Number: 1

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WICHITA, KS





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Carmen Ginther

29-12s-20w Ellis, KS

2719 Ash St.
Hays KS 67601

Ginther A #2

Job Ticket: 47266

DST#: 2

ATTN: Marc Downing

Test Start: 2012.04.25 @ 10:59:05

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:50:30
 Time Test Ended: 17:37:39

Test Type: Conventional Bottom Hole (Reset)
 Tester: Andy Carreira
 Unit No: 39

Interval: **3781.00 ft (KB) To 3810.00 ft (KB) (TVD)**
 Total Depth: **3810.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **2179.00 ft (KB)**
2171.00 ft (CF)
 KB to GR/CF: **8.00 ft**

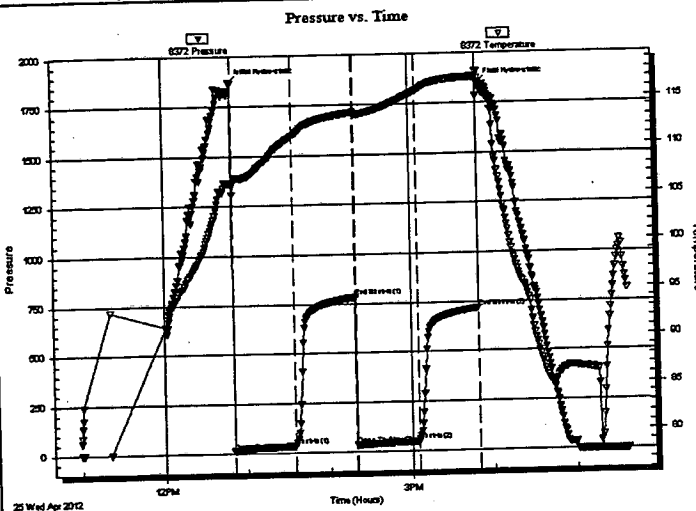
Serial #: **8372**

Outside

Press@RunDepth: **48.67 psig @ 3782.00 ft (KB)**
 Start Date: **2012.04.25** End Date: **2012.04.25**
 Start Time: **10:59:05** End Time: **17:37:40**

Capacity: **8000.00 psig**
 Last Calib.: **2012.04.25**
 Time On Btm: **2012.04.25 @ 12:49:20**
 Time Off Btm: **2012.04.25 @ 15:50:50**

TEST COMMENT: IF:(45min) Fair 2" Blow
 IS:(45min) No Return
 FF:(45min) Fair 3" Blow
 FS:(45min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1870.07	106.25	Initial Hydro-static
2	12.98	105.09	Open To Flow (1)
46	34.65	111.14	Shut-In(1)
90	782.54	113.55	End Shut-In(1)
91	34.14	113.28	Open To Flow (2)
136	48.67	115.68	Shut-In(2)
180	719.62	117.10	End Shut-In(2)
182	1850.03	116.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	MCGO g=10% m=40% o=50%	0.42
20.00	GO g=10% o=90=%	0.28
0.00	GIP=300ft	0.00

* Recovery from multiple tests

Gas Rates

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

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CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Ginther

29-12s-20w Ellis,KS

2719 Ash St.
Hays KS 67601

Ginther A #2

Job Ticket: 47266

DST#: 2

ATTN: Marc Downing

Test Start: 2012.04.25 @ 10:59:05

Tool Information

Drill Pipe:	Length: 3760.00 ft	Diameter: 3.80 inches	Volume: 52.74 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 31.10 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 52.89 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.10 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	3781.00 ft			Final	61000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	29.00 ft				
Tool Length:	49.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

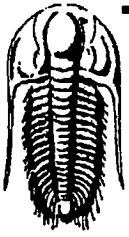
Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3762.00	
Shut In Tool	5.00			3767.00	
Hydraulic tool	5.00			3772.00	
Packer	5.00			3777.00	20.00 Bottom Of Top Packer
Packer	4.00			3781.00	
Stubb	1.00			3782.00	
Recorder	0.00	8017	Inside	3782.00	
Recorder	0.00	8372	Outside	3782.00	
Perforations	25.00			3807.00	
Bullnose	3.00			3810.00	29.00 Bottom Packers & Anchor
Total Tool Length:	49.00				

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CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Ginther

29-12s-20w Ellis,KS

2719 Ash St.
Hays KS 67601

Ginther A #2

Job Ticket: 47266

DST#: 2

ATTN: Marc Downing

Test Start: 2012.04.25 @ 10:59:05

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 7.96 in³

Resistivity: ohm.m

Salinity: 2500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	MCGO g=10% m=40% o=50%	0.418
20.00	GO g=10% o=90=%	0.281
0.00	GIP=300ft	0.000

Total Length: 70.00 ft Total Volume: 0.699 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

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OCT 01 2012

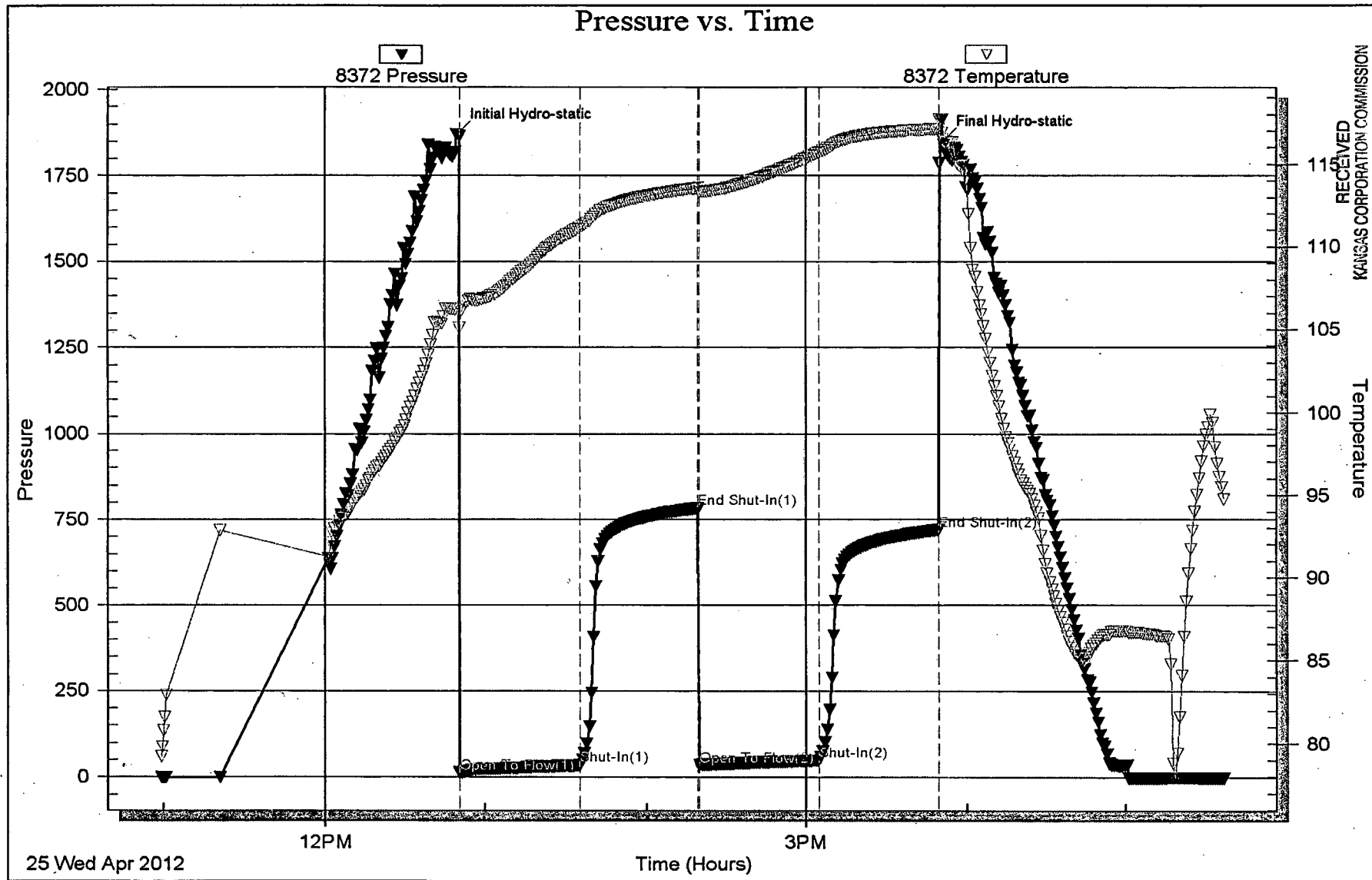
CONSERVATION DIVISION
WICHITA, KS

Serial #: 8372

Outside Carmen Ginther

Ginther A #2

DST Test Number: 2



25 Wed Apr 2012

OCT 01 2012

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