

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

1/15/13

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 # 9067
Name: DaMar Resources, Inc.
Address 1: P. O. Box 70
Address 2:
City: Hays State: KS Zip: 67601
Contact Person: Curtis R. Longpine
Phone: (785) 625.0020
CONTRACTOR: License #
Name: Southwind Drilling, Inc.
Wellsite Geologist: Jim Musgrove
Purchaser: NCRA

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 #:

12/05/11 12/13/11 01/26/12
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-135-25328-00-00
Spot Description:
N2 NE SE NW Sec. 12 Twp. 20 S. R. 24 East West
1,490 Feet from North / South Line of Section
2,310 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ness
Lease Name: Harriet Well #: 1
Field Name: Petersilie Northeast
Producing Formation: Mississippian
Elevation: Ground: 2326' Kelly Bushing: 2335'
Total Depth: 4500' Plug Back Total Depth: 4477'
Amount of Surface Pipe Set and Cemented at: 776 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1598 Feet
If Alternate II completion, cement circulated from: 1598
feet depth to: Surface w/ 125 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 3800 ppm Fluid volume: 3000 bbls
Dewatering method used: Evaporation
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. CONFIDENTIAL R. East West
County: Permit #:
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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: [Signature]
Title: Curtis R. Longpine, V.P. Geologist Date: 2/15/12

KCC Office Use ONLY
 Letter of Confidentiality Received
Date: 1/15/12 - 1/15/13
 Confidential Release Date:
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: [Signature] Date: 2-24-12

Operator Name: DaMar Resources, Inc. Lease Name: Harriet Well #: 1
 Sec. 12 Twp. 20 S. R. 24 East West County: Ness

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Gamma Ray Sonic Bond, Dual Compensated Porosity, Microresistivity, Dual Induction	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See Attached GEO Report
--	--

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
Surface	12 1/4"	8 5/8"	23	776	Common	300	3% c.c. 2% gel
Production	7 7/8"	5 1/2"	14	4498	EA2	125	

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	1598	SMD	125	

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	4436 - 4444		
4	4421 - 4429	CONFIDENTIAL	
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TUBING RECORD:	Size: <u>2 7/8</u>	Set At: <u>4448</u>	Packer At: <u>None</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
----------------	--------------------	---------------------	------------------------	--

Date of First, Resumed Production, SWD or ENHR. <u>01/26/12</u>	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. <u>50</u>	Gas Mcf	Water Bbls. <u>7</u>	Gas-Oil Ratio

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)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4421-4444 OA</u>
---	--	---

QUALITY OILWELL CEMENTING, INC.

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

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

No. 541

Date	12/6/11	Sec.	12	Twp.	20	Range	24	County	Ness	State	KS	On Location		Finish	7:00 PM
Lease	Harriet		Well No.	1		Location Ness City, 7S, 2W, 1S, E into									
Contractor	Southwind Drilling Rig #2					Owner									
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	12 1/4"		T.D.	776'		Charge To									
Csg.	8 5/8" 23#		Depth	776'		Da Mar Resources, Inc.									
Tbg. Size						Street									
Tool						City									
Cement Left in Csg.	20'		Shoe Joint	State											
Meas Line						Displace 48 1/4 Bbls.									
										The above was done to satisfaction and supervision of owner agent or contractor.					
										Cement Amount Ordered 300sx Con 30/bcc 2 1/2 gal					

EQUIPMENT

Pumptrk	9	No.	Cementer	Paul	Common	300
Bulktrk	12	No.	Driver	Matt	Poz. Mix	
Bulktrk	PV	No.	Driver	Michael	Gel.	09

JOB SERVICES & REMARKS

Remarks:	
Rat Hole	
Mouse Hole	
Centralizers	
Baskets	
D/V or Port Collar	
Est. Circ.	
Mix 300sx	
Displace	
Cement Circulated	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	8 5/8"
Float Shoe	
Latch Down	
Head + Manifold	
Rubber Plug	
Pumptrk Charge	Long Surface
Mileage	10

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X Signature *William Anderson*

Tax
Discount
Total Charge

JOB LOG

SWIFT Services, Inc.

DATE/4 Dec 11 PAGE NO. 7

CUSTOMER **Damac Resources** WELL NO. **#1** LEASE **Harriet** JOB TYPE **Cement long string** TICKET NO. **22519**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sk EA-2 w/ floccle
								5 1/2" 14# casing RTD 4500' LTD 4504'
								4500' of pipe PC top of 20(m) 15388
								Cent 1, 3, 5, 7, 9, 11, B 69 P/B 2, 14, 111
	1800							on loc TEK 14
	1900							start 5 1/2" 14# casing in well
	2105							Drop ball - circulate - ROTATE
	2155	4 3/4	12				220	Pump 50 500 gal mud flush
		4 3/4	20				250	Pump 20 bbl KCL flush
	2200		10					Plug RH - MHI 30 sks - 20 sks
	2208	4 3/4	30				300	Mix EA-2 cement @ 15.3 pps 125 sks
	2220							Drop latch down plug
								wash out pump & line
	2225	6 3/4					300	Displace plug
		6 3/4	88				850	
	2245	6 3/4	109				150	Land plug
								Release pressure to truck - dried up
	2250							wash up truck
								RACK up
	2330							job complete
								Thanks LANE, Blaine, & PARE.

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JOB LOG

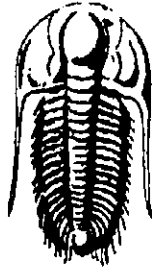
SWIFT Services, Inc.

DATE / Jan 12 PAGE NO.

CUSTOMER **Damar** WELL NO. **#1** LEASE **Harmet** JOB TYPE **Cement port collar** TICKET NO. **22614**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								200 sks SWD w/ 1/2" Floccle 2 7/8" x 5 1/2" port collar @ 1598'
	0830 0850		2					on loc YEK 114 spot / sk SWD
	0900	4 3/4	86			200		fill hole and circ fluid - no oil
	0925					1000	1000	test to 1000 psi - held
	0945	3 3/4						open PORT COLLAR inj rate
	0955	3 3/4	3				350	inj SWD w/ 1/2" floccle @ 1 1/2 ppq fluid to surface
	1010	3 3/4	69 8 1/2				500	- cement to surface Displace w/ H2O close port collar
	1020					1000	1000	test to 1000 psi - held run 15 joints
	1035		30					circulate hole clean 2 cement flags
	1050							wash truck RUN tubing down to plug
	1125	2 3/4	30				500	circulate sand from plug
	1200							job complete
								Thanks LAVE, Blake, & Dave
								CONFIDENTIAL JAN 15 2012 KCC
								RECEIVED FEB 16 2012 KCC WICHITA

125 sks
in need
20 ppq



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **DaMar Resources**

PO Box 70
Hays, KS 67601

ATTN: Jim Musgrove

Harriet #1

12-20s-24w Ness, KS

Start Date: 2011.12.13 @ 15:10:00

End Date: 2011.12.13 @ 22:37:50

Job Ticket #: 45493 DST #: 2

DaMar Resources
12-20s-24w Ness, KS
Harriet #1
DST # 2
Mississippi
2011.12.13

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Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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JAN 15 2013

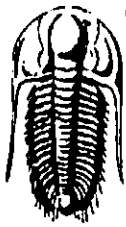
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Printed: 2011.12.19 @ 13:31:19

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J

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

DaMar Resources

12-20s-24w Ness, KS

PO Box 70
Hays, KS 67601

Harriet #1

Job Ticket: 45493

DST#: 2

ATTN: Jim Musgrove

Test Start: 2011.12.13 @ 15:10:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 16:49:40

Time Test Ended: 22:37:50

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Chuck Smith**

Unit No: **37**

Interval: **4361.00 ft (KB) To 4427.00 ft (KB) (TVD)**

Total Depth: **4427.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2335.00 ft (KB)**

2326.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: **6751** **Outside**

Press@RunDepth: **psig @ 4364.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2011.12.13**

End Date:

2011.12.13

Last Calib.:

2011.12.13

Start Time: **15:10:02**

End Time:

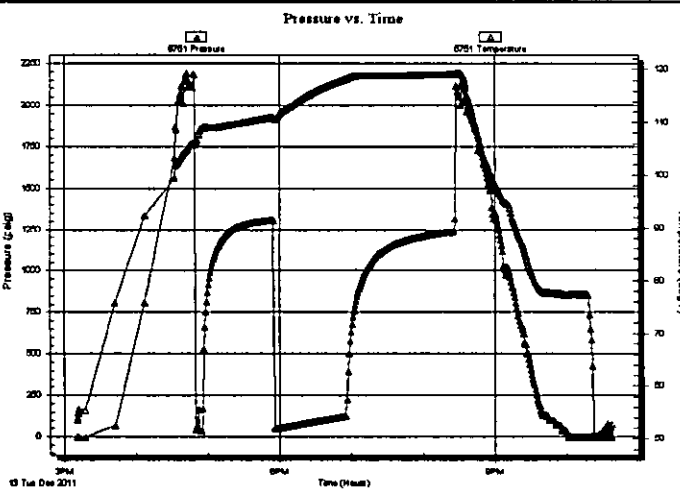
22:37:40

Time On Btm

Time Off Btm

TEST COMMENT:

5" Blow.
Weak return throughout.
B.O.B. @ 14 min.
1/2" return died @ 65 min.



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
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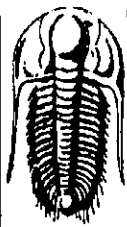
Recovery

Length (ft)	Description	Volume (bbl)
60.00	GSOOM 10g 1o 89m	0.84
240.00	GO 35g 65o	3.37
0.00	248 Feet weak GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

DaMar Resources

12-20s-24w Ness, KS

PO Box 70
Hays, KS 67601

Harriet #1

Job Ticket: 45493

DST#: 2

ATTN: Jim Musgrove

Test Start: 2011.12.13 @ 15:10:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 16:49:40

Time Test Ended: 22:37:50

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Chuck Smith**

Unit No: **37**

Interval: **4361.00 ft (KB) To 4427.00 ft (KB) (TVD)**

Total Depth: **4427.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2335.00 ft (KB)**

2326.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: **8018**

Inside

Press@RunDepth: **123.47 psig @ 4364.00 ft (KB)**

Start Date: **2011.12.13**

End Date:

2011.12.13

Capacity: **8000.00 psig**

Last Calib.: **2011.12.13**

Start Time: **15:10:02**

End Time:

22:37:49

Time On Btm: **2011.12.13 @ 16:48:20**

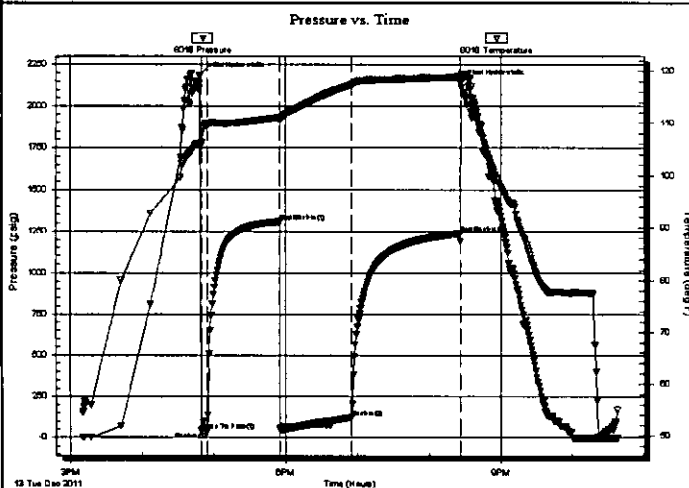
Time Off Btm: **2011.12.13 @ 20:27:09**

TEST COMMENT: **5" Blow.**

Weak return throughout.

B.O.B. @ 14 min.

1/2" return died @ 65 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2182.40	106.18	Initial Hydro-static
2	41.35	106.12	Open To Flow (1)
7	36.65	109.57	Shut-In(1)
67	1308.61	111.06	End Shut-In(1)
68	49.15	110.63	Open To Flow (2)
128	123.47	117.41	Shut-In(2)
218	1236.42	118.82	End Shut-In(2)
219	2138.75	119.41	Final Hydro-static

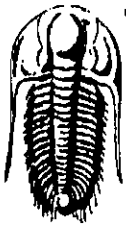
Recovery

Length (ft)	Description	Volume (bbl)
60.00	GSOOM 10g 1o 89m	0.84
240.00	GO 35g 65o	3.37
0.00	248 Feet weak GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

DaMar Resources

12-20s-24w Ness, KS

PO Box 70
Hays, KS 67601

Harriet #1

Job Ticket: 45493

DST#: 2

ATTN: Jim Musgrove

Test Start: 2011.12.13 @ 15:10:00

Tool Information

Drill Pipe:	Length: 4359.00 ft	Diameter: 3.80 inches	Volume: 61.15 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 61.15 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	4361.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.00 ft			
Tool Length:	86.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

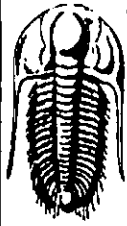
Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4342.00	
Shut In Tool	5.00			4347.00	
Hydraulic tool	5.00			4352.00	
Packer	5.00			4357.00	20.00 Bottom Of Top Packer
Packer	4.00			4361.00	
Stubb	1.00			4362.00	
Perforations	2.00			4364.00	
Recorder	0.00	8018	Inside	4364.00	
Recorder	0.00	6751	Outside	4364.00	
Perforations	27.00			4391.00	
Change Over Sub	1.00			4392.00	
Drill Pipe	31.00			4423.00	
Change Over Sub	1.00			4424.00	
Bullnose	3.00			4427.00	66.00 Bottom Packers & Anchor

Total Tool Length: 86.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Resources

12-20s-24w Ness, KS

PO Box 70
Hays, KS 67601

Harriet #1

Job Ticket: 45493

DST#: 2

ATTN: Jim Musgrove

Test Start: 2011.12.13 @ 15:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	GSOOM 10g 1o 89m	0.842
240.00	GO 35g 65o	3.367
0.00	248 Feet weak GIP	0.000

Total Length: 300.00 ft Total Volume: 4.209 bbl

Num Fluid Samples: 0

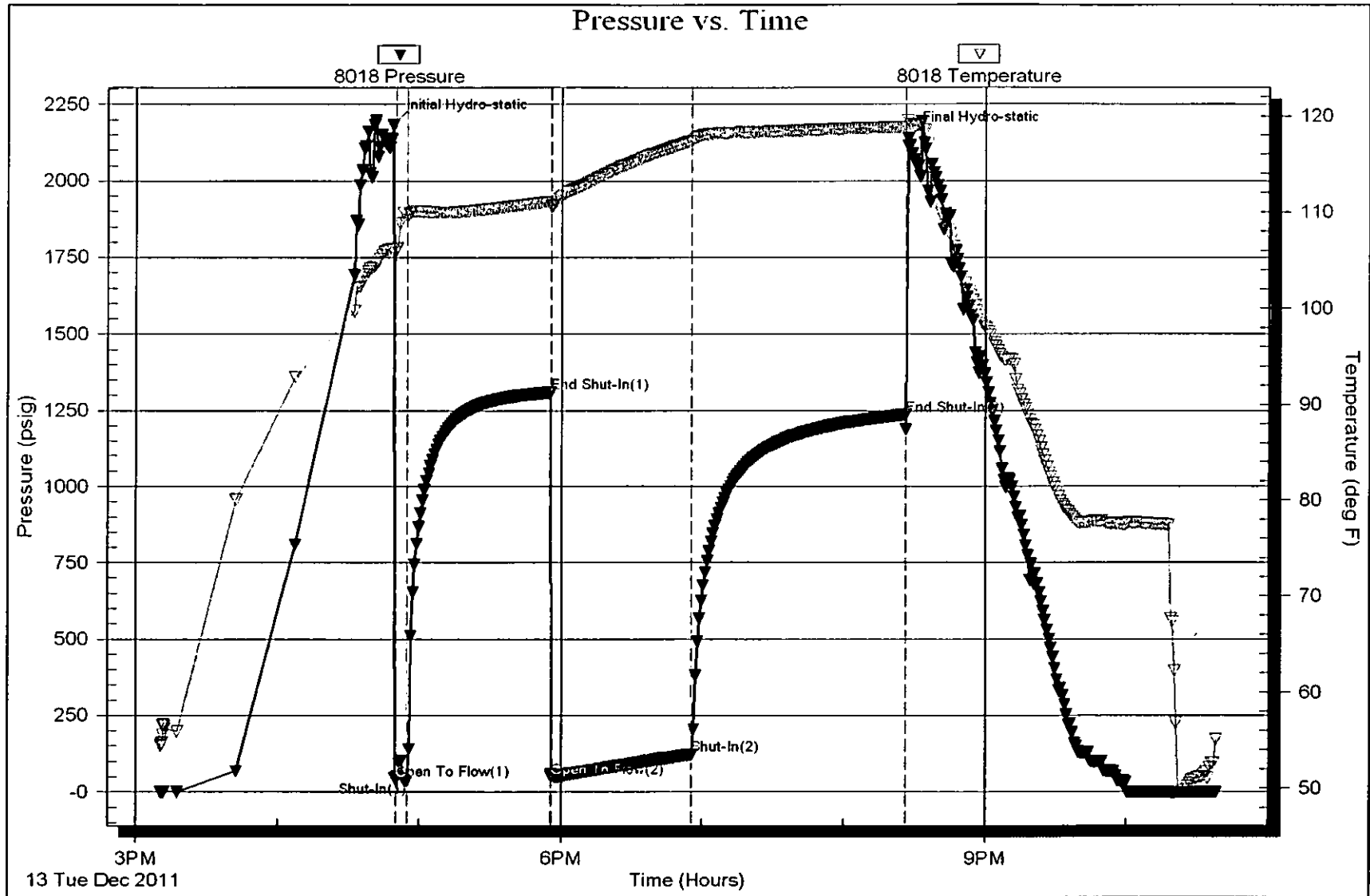
Num Gas Bombs: 0

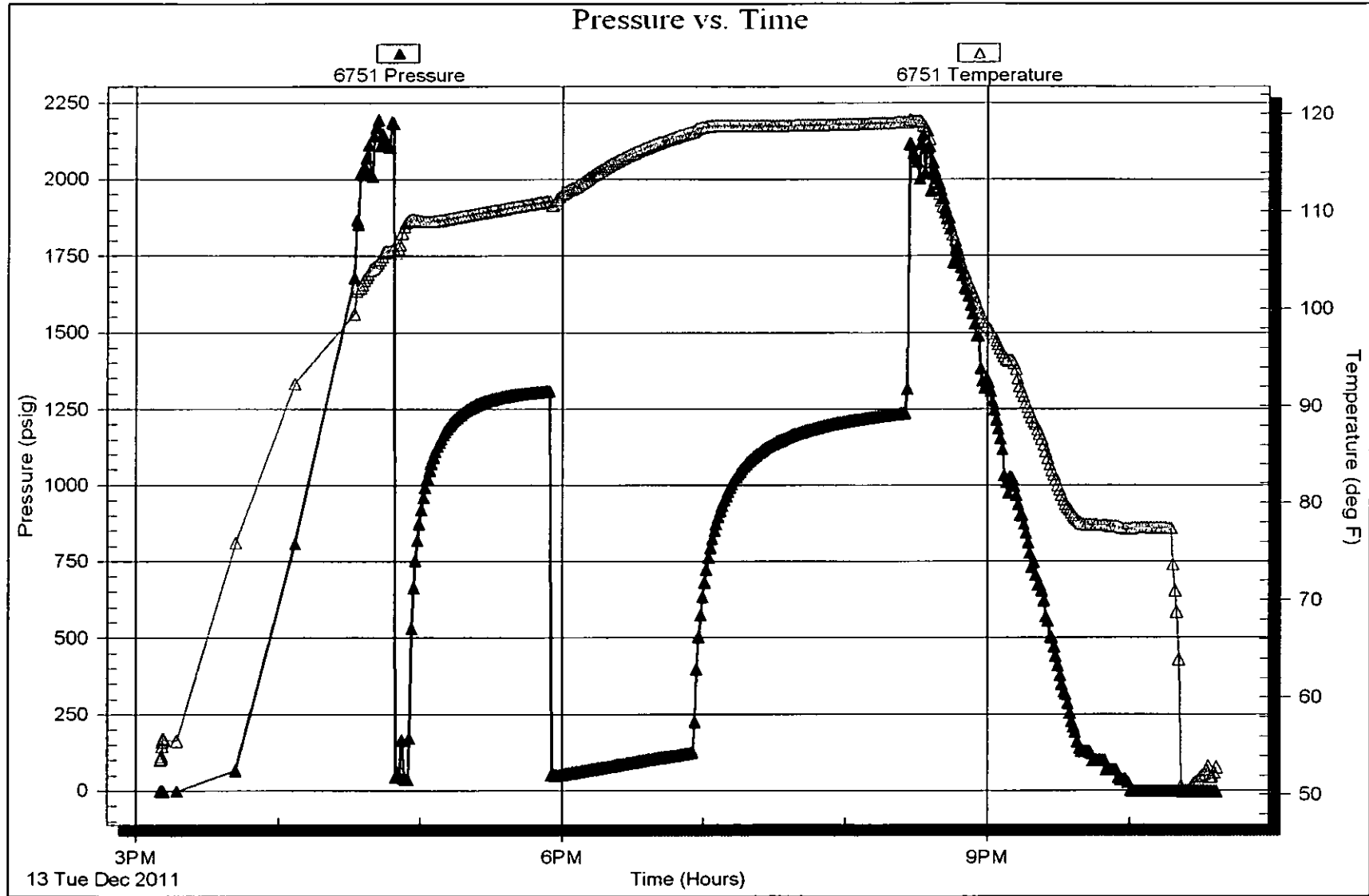
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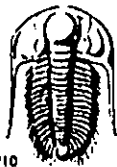
Laboratory Name:

Laboratory Location:

Recovery Comments: API: 37 @ 50 Degrees F = 38







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

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Test Ticket

NO. 45492

BY: _____

Well Name & No. Harriet #1 Test No. 1 Date 12-12-11

Company Dumar Res. Elevation 2335 KB 2326 GL

Address POB 70 Hays, KS 67601

Co. Rep / Geo. Jim Musgrave Rig Southwind #2

Location: Sec. 12 Twp. 20s Rge. 24W Co. Ness State KS

Interval Tested 4297-4347 Zone Tested _____

Anchor Length 50 Drill Pipe Run 4300 Mud Wt. 9.3

Top Packer Depth 4293 Drill Collars Run 0 Vis 55

Bottom Packer Depth 4297 Wt. Pipe Run 0 WL 8.0

Total Depth 4347 Chlorides 3000 ppm System LCM 1/2"

Blow Description B.O.B. @ 6 min.

Weak return died @ 8 min.

B.O.B. @ 6 min.

B.O.B. @ 70 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>78</u>	<u>GOSM</u>	<u>15</u>			<u>85</u>
<u>248</u>	<u>GOCWM</u>	<u>15</u>	<u>3</u>	<u>15</u>	<u>67</u>
<u>186</u>	<u>GMCW</u>	<u>10</u>		<u>80</u>	<u>10</u>
Rec	Feet of <u>666 GIP</u>	%gas	%oil	%water	%mud
Rec	Feet of _____	%gas	%oil	%water	%mud

Rec Total 512 BHT 126 Gravity _____ API RW .150 @ 40 °F Chlorides 94000 ppm

(A) Initial Hydrostatic 2176 Test 1225 T-On Location 18:00

(B) First Initial Flow 48 Jars _____ T-Started 19:30

(C) First Final Flow 77 Safety Joint _____ T-Open 21:27

(D) Initial Shut-In 904 Circ Sub _____ T-Pulled 1:08

(E) Second Initial Flow 86 Hourly Standby _____ T-Out 3:41

(F) Second Final Flow 240 Mileage 130RT 182' Comments _____

(G) Final Shut-In 772 Sampler _____

(H) Final Hydrostatic 2114 Straddle _____

Initial Open 9 Shale Packer _____ Ruined Shale Packer _____

Initial Shut-In 60 Extra Packer _____ Ruined Packer _____

Final Flow 60 Extra Recorder _____

Final Shut-In 90 Day Standby _____

Accessibility 150 Sub Total 1407

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Approved By _____ Our Representative Chuck Amick

Trilobite Testing Inc. shall not be liable for damaged or any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

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DEC 15 2011
BY: _____

Test Ticket

NO. 45493

Well Name & No. Harriet #1 Test No. 2 Date 12-13-11
 Company Damar Res. Elevation 2335 KB 2326 GL
 Address POB 70 Hays, KS 67601
 Co. Rep / Geo. Jim Musgrove Rig Southwind #2
 Location: Sec. 12 Twp. 20s Rge. 24w Co. Ness State KS

Interval Tested 4361-4427 Zone Tested Mississippian
 Anchor Length 66 Drill Pipe Run 4359 Mud Wt. 9.1
 Top Packer Depth 4357 Drill Collars Run 0 Vis 62
 Bottom Packer Depth 4361 Wt. Pipe Run 0 WL 8.8
 Total Depth 4427 Chlorides 3800 ppm System LCM 1 1/2"
 Blow Description 5" Blow

Weak return throughout
B.O.B. @ 14 min.
1/2" return died @ 6.5 min.

Rec	Feet of	%gas	%oil	%water	%mud
240	Feet of <u>GO</u>	35	6.5		
60	Feet of <u>650cm</u>	10	1		89
	Feet of <u>248' weak GIP</u>				

Rec Total 300 BHT 119 Gravity 38 API RW @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2182 Test 1225' T-On Location 15.00
 (B) First Initial Flow 37.41 Jars _____ T-Started 15:10
 (C) First Final Flow 47.37 Safety Joint _____ T-Open 16:50
 (D) Initial Shut-In 1309 Circ Sub N/C T-Pulled 20:26
 (E) Second Initial Flow 49 Hourly Standby _____ T-Out 22:38
 (F) Second Final Flow 123 Mileage 130 RT 182 Comments _____
 (G) Final Shut-In 1236 Sampler _____
 (H) Final Hydrostatic 2139 Straddle _____

Initial Open 5 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 60 Extra Packer _____ Ruined Packer **RECEIVED**
 Final Flow 60 Extra Recorder _____ Extra Copies **FEB 16 2012**
 Final Shut-In 90 Day Standby _____ Sub Total 150
 Accessibility 150' Total 1557 **KCC WICHITA**
 Sub Total 1407 MP/DST Disc't _____

Approved By _____ Our Representative Chuck Smith

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