



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1199115
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1199115

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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DRILL STEM TEST REPORT

Prepared For: **DaMar Resources Inc**

234 W 11th Ste A Box 70
Hays KS 67601-3805

ATTN: Clint Musgrove

25 13s 16w Ellis,KS

Gary Brungardt Unit #1

Start Date: 2013.12.13 @ 16:37:00

End Date: 2013.12.13 @ 23:03:00

Job Ticket #: 50405 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.12.17 @ 11:41:21

DaMar Resources Inc

Gary Brungardt Unit #1

25 13s 16w Ellis,KS

DST # 1

Topeka

2013.12.13



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

DaMar Resources Inc
 234 W 11th Ste A Box 70
 Hays KS 67601-3805
 ATTN: Clint Musgrove

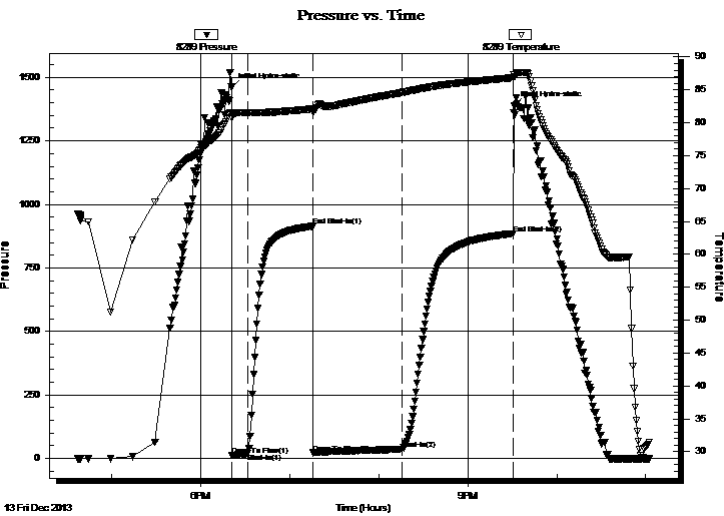
Gary Brungardt Unit #1
25 13s 16w Ellis,KS
 Job Ticket: 50405 **DST#: 1**
 Test Start: 2013.12.13 @ 16:37:00

GENERAL INFORMATION:

Formation: **Topeka**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:20:45
 Time Test Ended: 23:03:00
 Interval: **3008.00 ft (KB) To 3030.00 ft (KB) (TVD)**
 Total Depth: 3030.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jim Svaty
 Unit No: 54
 Reference Elevations: 1932.00 ft (KB)
 1925.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8289 Outside
 Press@RunDepth: 36.59 psig @ 3009.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.12.13 End Date: 2013.12.13 Last Calib.: 2013.12.13
 Start Time: 16:37:02 End Time: 23:02:45 Time On Btm: 2013.12.13 @ 18:20:30
 Time Off Btm: 2013.12.13 @ 21:31:15

TEST COMMENT: 10-IFP- Surface Blow Building to 1 1/2"
 45-ISIP- No Blow
 60-FFP- Surface Blow Building to 2 1/4"
 75-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1461.36	81.49	Initial Hydro-static
1	11.33	80.70	Open To Flow (1)
12	20.12	81.53	Shut-In(1)
55	913.84	82.11	End Shut-In(1)
56	22.38	81.61	Open To Flow (2)
116	36.59	84.59	Shut-In(2)
190	885.22	86.85	End Shut-In(2)
191	1388.89	87.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	Oil Speck Mud 100%	0.50

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

DaMar Resources Inc
234 W 11th Ste A Box 70
Hays KS 67601-3805
ATTN: Clint Musgrove

Gary Brungardt Unit #1
25 13s 16w Ellis,KS
Job Ticket: 50405 **DST#: 1**
Test Start: 2013.12.13 @ 16:37:00

Tool Information

Drill Pipe:	Length: 2974.00 ft	Diameter: 3.80 inches	Volume: 41.72 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 48000.00 lb
			<u>Total Volume: 41.87 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3008.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	43.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			2988.00	
Shut In Tool	5.00			2993.00	
Hydraulic tool	5.00			2998.00	
Packer	5.00			3003.00	21.00 Bottom Of Top Packer
Packer	5.00			3008.00	
Stubb	1.00			3009.00	
Recorder	0.00	8789	Inside	3009.00	
Recorder	0.00	8289	Outside	3009.00	
Perforations	18.00			3027.00	
Bullnose	3.00			3030.00	22.00 Bottom Packers & Anchor
Total Tool Length:	43.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Resources Inc
234 W 11th Ste A Box 70
Hays KS 67601-3805
ATTN: Clint Musgrove

Gary Brungardt Unit #1
25 13s 16w Ellis,KS
Job Ticket: 50405 **DST#: 1**
Test Start: 2013.12.13 @ 16:37:00

Mud and Cushion Information

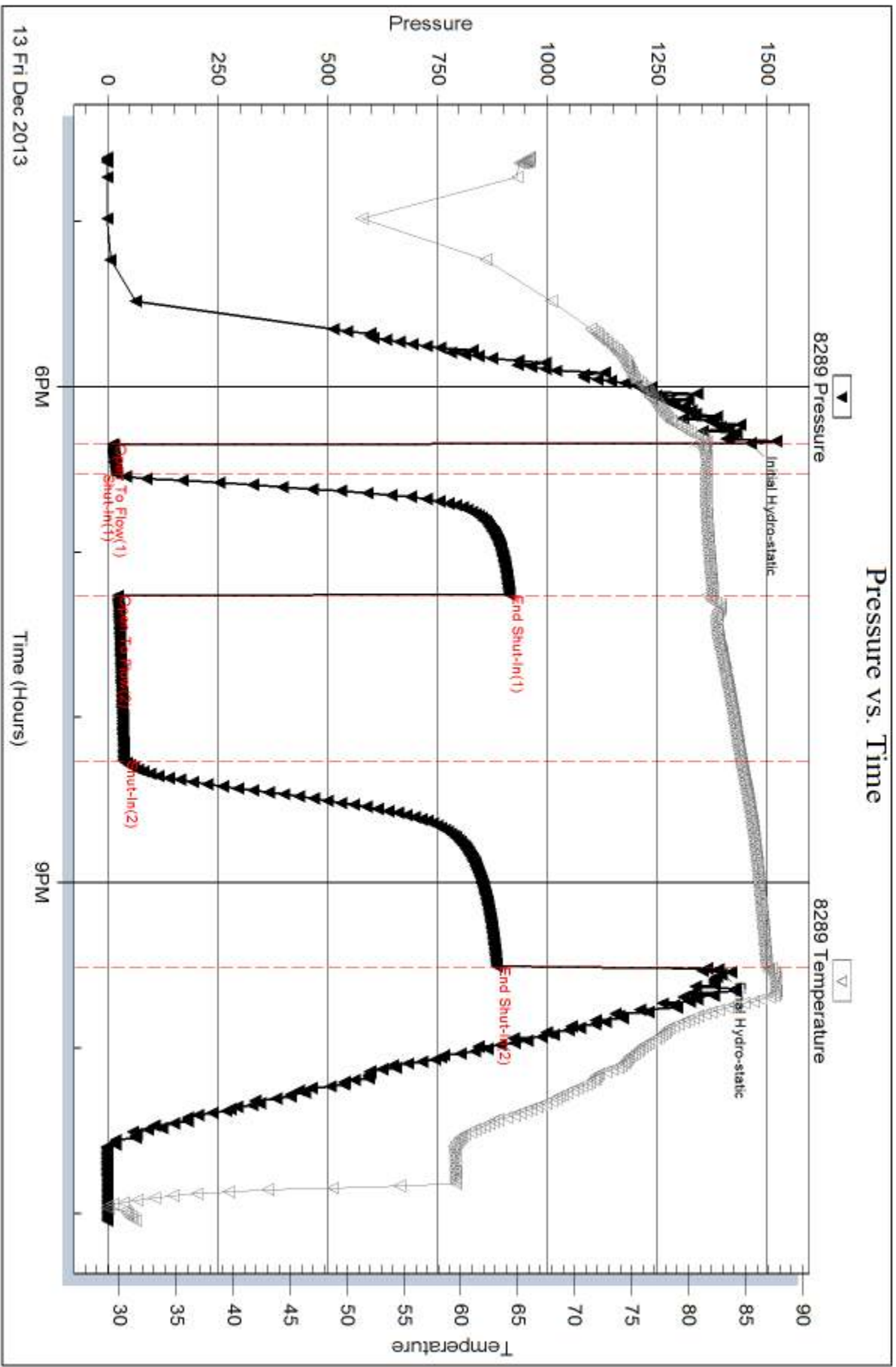
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.16 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 2.00 inches			

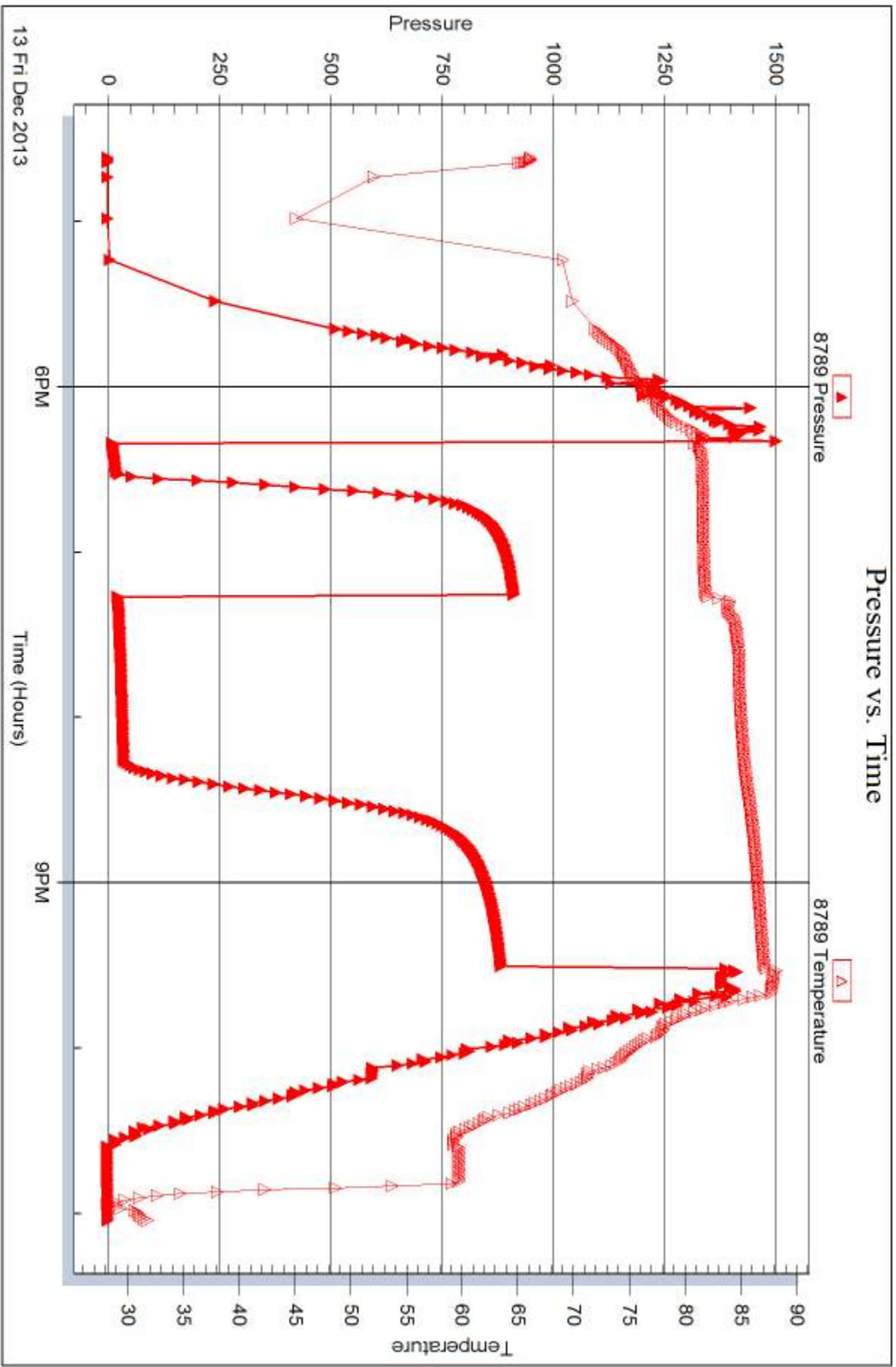
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
55.00	Oil Speck Mud 100%	0.498

Total Length: 55.00 ft Total Volume: 0.498 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **DaMar Resources Inc**

234 W 11th Ste A Box 70
Hays KS 67601-3805

ATTN: Clint Musgrove

25 13s 16w Ellis,KS

Gary Brungardt Unit #1

Start Date: 2013.12.14 @ 11:47:00

End Date: 2013.12.14 @ 19:31:00

Job Ticket #: 50406 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.12.17 @ 11:40:33



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

DaMar Resources Inc
 234 W 11th Ste A Box 70
 Hays KS 67601-3805
 ATTN: Clint Musgrove

Gary Brungardt Unit #1
25 13s 16w Ellis,KS
 Job Ticket: 50406 **DST#: 2**
 Test Start: 2013.12.14 @ 11:47:00

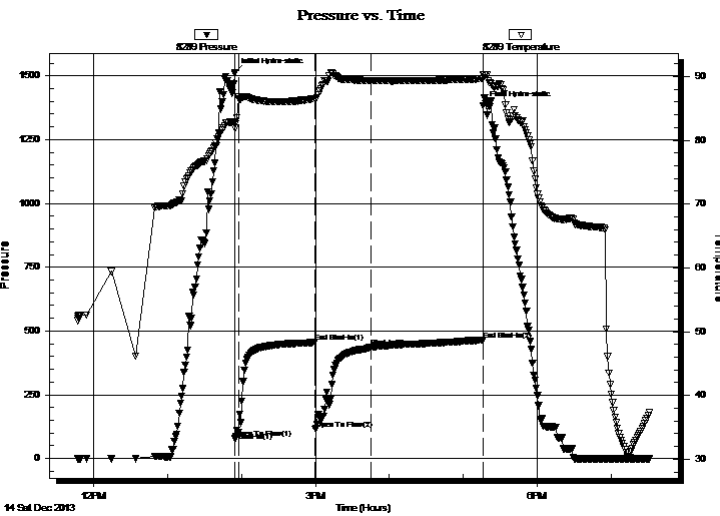
GENERAL INFORMATION:

Formation: **Toronto - LKC " C "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:54:45
 Time Test Ended: 19:31:00
 Interval: **3054.00 ft (KB) To 3174.00 ft (KB) (TVD)**
 Total Depth: 3174.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jim Svaty
 Unit No: 54
 Reference Elevations: 1932.00 ft (KB)
 1925.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8289 Outside

Press@RunDepth: 436.25 psig @ 3058.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.12.14 End Date: 2013.12.14 Last Calib.: 2013.12.14
 Start Time: 11:47:02 End Time: 19:31:15 Time On Btm: 2013.12.14 @ 13:54:30
 Time Off Btm: 2013.12.14 @ 17:16:15

TEST COMMENT: 5-IFP- BOB in 1 min. 30 sec.
 60-ISIP- 1/8". Blow Back Died Back to Surface in 20 min.
 45-FFP- BOB in 10 sec.
 90-FSIP- Surface Blow Building to 2 1/2" Died Back in 45 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1513.79	82.85	Initial Hydro-static
1	77.89	81.91	Open To Flow (1)
3	102.80	86.82	Shut-In(1)
65	455.36	86.52	End Shut-In(1)
66	114.92	86.43	Open To Flow (2)
111	436.25	89.39	Shut-In(2)
202	464.69	89.68	End Shut-In(2)
202	1383.67	90.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
61.00	Gassy OMCW 10%o 10%m 15%w 65%g	0.58
124.00	Gassy WOCM 10%w 25%o 30%m 35%g	1.74
62.00	Gassy OCM 2%o 33%g 65%m	0.87
50.00	Gassy OCM 2%o 13%g 85%m	0.70
0.00	935 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 Inc
234 W 11th Ste A Box 70
Hays KS 67601-3805
ATTN: Clint Musgrove

Gary Brungardt Unit #1
25 13s 16w Ellis,KS
Job Ticket: 50406 **DST#: 2**
Test Start: 2013.12.14 @ 11:47:00

Tool Information

Drill Pipe:	Length: 3036.00 ft	Diameter: 3.80 inches	Volume: 42.59 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 42.74 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3054.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	120.00 ft			
Tool Length:	141.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3034.00	
Shut In Tool	5.00			3039.00	
Hydraulic tool	5.00			3044.00	
Packer	5.00			3049.00	21.00 Bottom Of Top Packer
Packer	5.00			3054.00	
Stubb	1.00			3055.00	
Perforations	2.00			3057.00	
Change Over Sub	1.00			3058.00	
Recorder	0.00	8789	Inside	3058.00	
Recorder	0.00	8289	Outside	3058.00	
Blank Spacing	94.00			3152.00	
Change Over Sub	1.00			3153.00	
Perforations	18.00			3171.00	
Bullnose	3.00			3174.00	120.00 Bottom Packers & Anchor

Total Tool Length: 141.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Resources Inc
234 W 11th Ste A Box 70
Hays KS 67601-3805
ATTN: Clint Musgrove

Gary Brungardt Unit #1
25 13s 16w Ellis,KS
Job Ticket: 50406 **DST#: 2**
Test Start: 2013.12.14 @ 11:47:00

Mud and Cushion Information

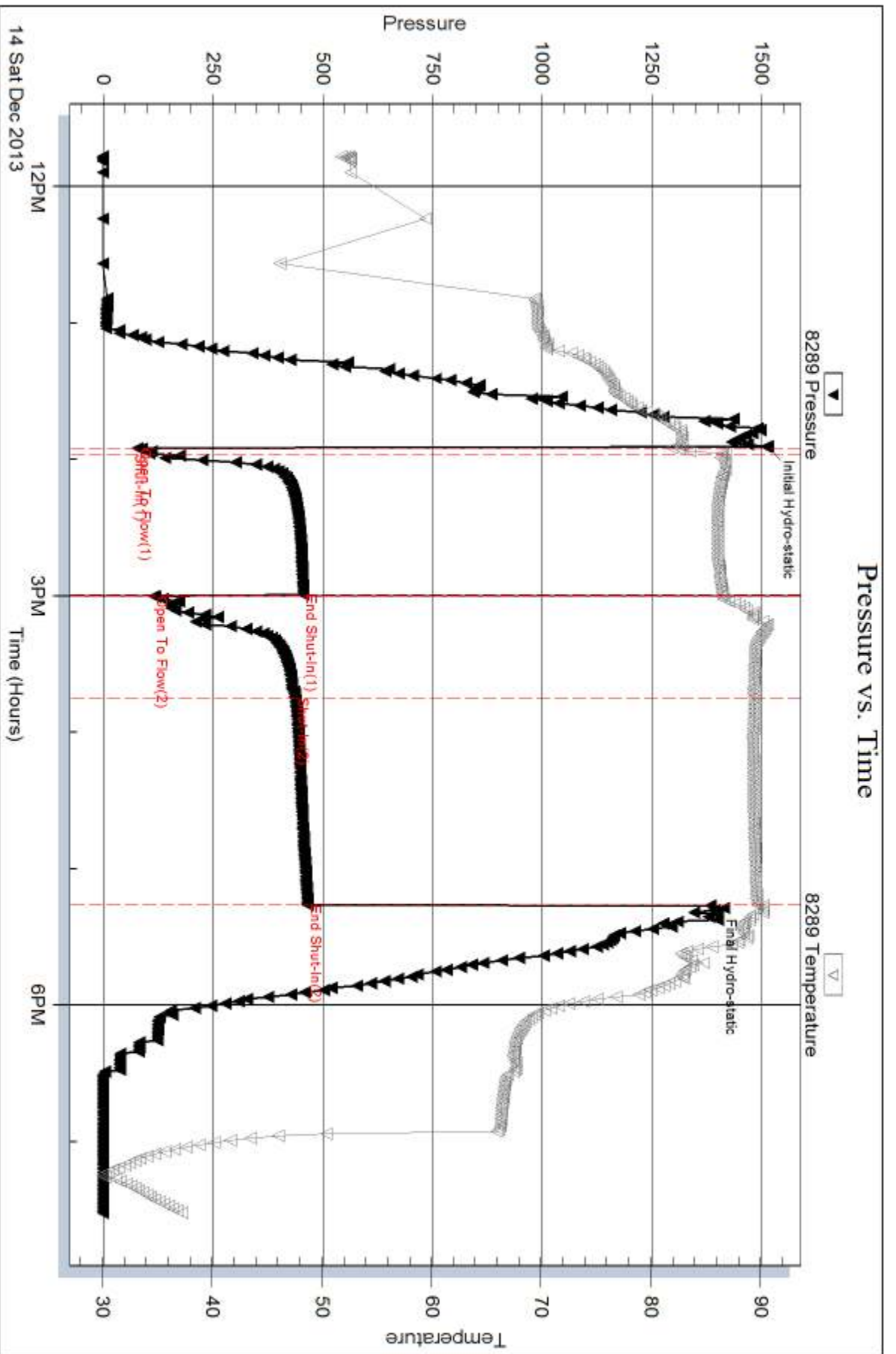
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.57 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
61.00	Gassy OMCW 10%o 10%m 15%w 65%g	0.582
124.00	Gassy WOCM 10%w 25%o 30%m 35%g	1.739
62.00	Gassy OCM 2%o 33%g 65%m	0.870
50.00	Gassy OCM 2%o 13%g 85%m	0.701
0.00	935 GIP	0.000

Total Length: 297.00 ft Total Volume: 3.892 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:



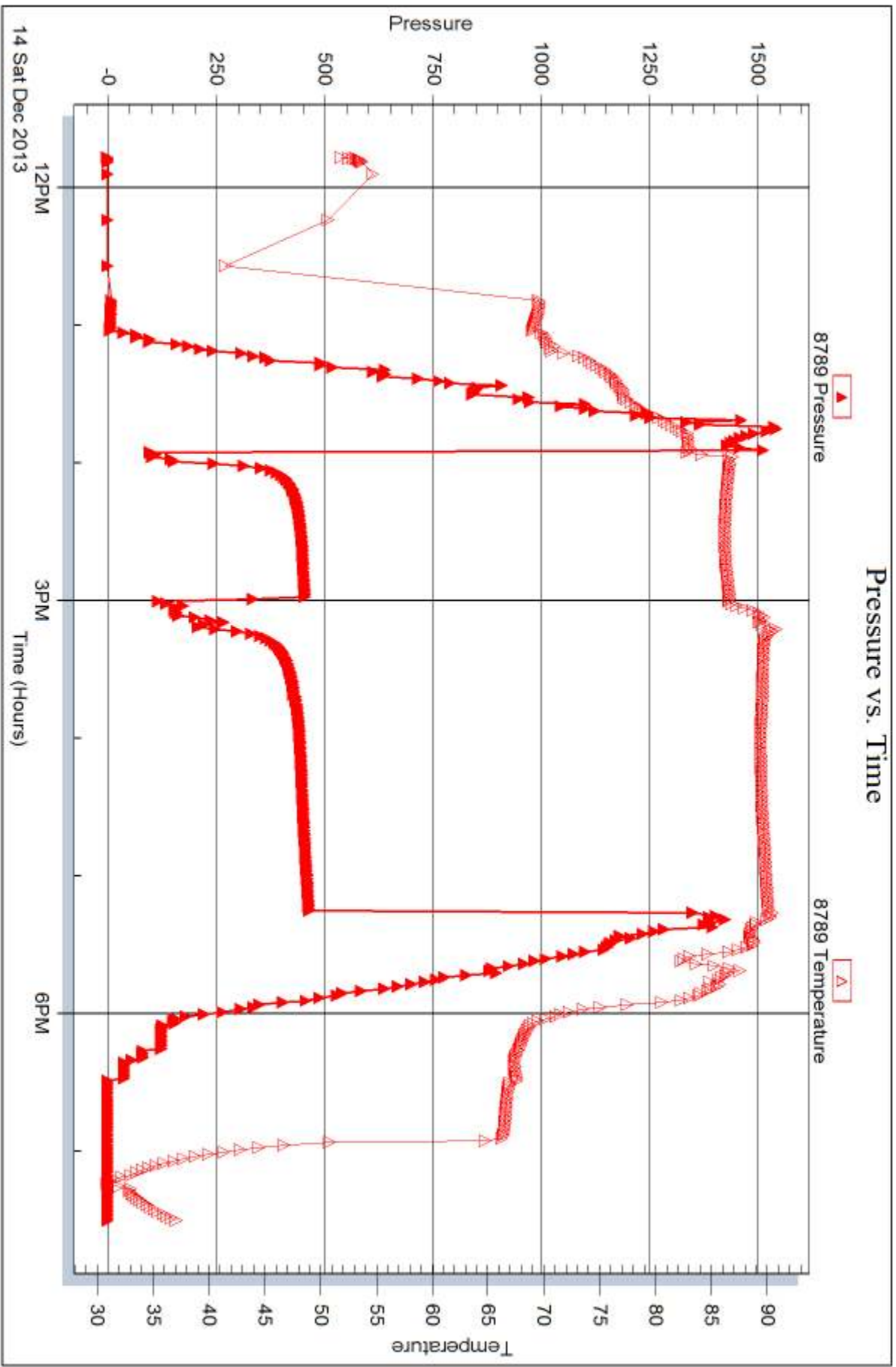
Serial #: 8789

Inside

DalMar Resources Inc

25 13s 16w Ellis, KS

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 50406

Printed: 2013.12.17 @ 11:40:36



DRILL STEM TEST REPORT

Prepared For: **DaMar Resources Inc**

234 W 11th Ste A Box 70
Hays KS 67601-3805

ATTN: Clint Musgrove

25 13s 16w Ellis,KS

Gary Brungardt Unit #1

Start Date: 2013.12.15 @ 03:48:00

End Date: 2013.12.15 @ 11:24:00

Job Ticket #: 50407 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.12.17 @ 11:39:53



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

DaMar Resources Inc
 234 W 11th Ste A Box 70
 Hays KS 67601-3805
 ATTN: Clint Musgrove

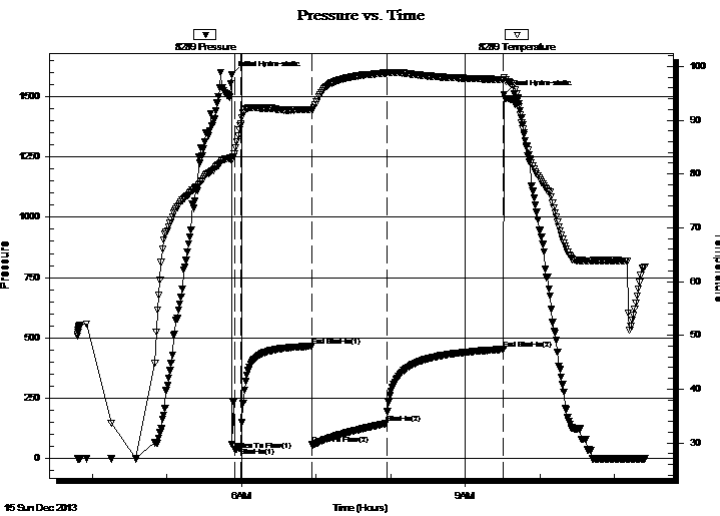
Gary Brungardt Unit #1
25 13s 16w Ellis,KS
 Job Ticket: 50407 **DST#: 3**
 Test Start: 2013.12.15 @ 03:48:00

GENERAL INFORMATION:

Formation: **LKC " F-G "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:54:15
 Time Test Ended: 11:24:00
 Interval: **3184.00 ft (KB) To 3236.00 ft (KB) (TVD)**
 Total Depth: 3236.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jim Svaty
 Unit No: 54
 Reference Elevations: 1932.00 ft (KB)
 1925.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8289 Outside
 Press@RunDepth: 145.83 psig @ 3185.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.12.15 End Date: 2013.12.15 Last Calib.: 2013.12.15
 Start Time: 03:48:02 End Time: 11:24:15 Time On Btm: 2013.12.15 @ 05:52:00
 Time Off Btm: 2013.12.15 @ 09:31:15

TEST COMMENT: 5-IFP- BOB in 2 min.
 60-ISIP- Surface Blow Died in 46 min.
 60-FFP- BOB in 4 min.
 90-FSIP- Surface Blow Building to 1 1/4" Died Back in 15 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1588.96	83.04	Initial Hydro-static
3	36.41	83.79	Open To Flow (1)
7	45.86	89.03	Shut-In(1)
65	466.23	92.02	End Shut-In(1)
65	57.70	91.84	Open To Flow (2)
125	145.83	98.78	Shut-In(2)
219	452.65	97.55	End Shut-In(2)
220	1508.59	97.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	MCW 10% m 90% w	3.21
30.00	Oil Speck WCM 30% w 70% m	0.42
0.00	216 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 Inc
234 W 11th Ste A Box 70
Hays KS 67601-3805
ATTN: Clint Musgrove

Gary Brungardt Unit #1
25 13s 16w Ellis,KS
Job Ticket: 50407 **DST#: 3**
Test Start: 2013.12.15 @ 03:48:00

Tool Information

Drill Pipe:	Length: 3162.00 ft	Diameter: 3.80 inches	Volume: 44.35 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 44.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3184.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	73.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3164.00	
Shut In Tool	5.00			3169.00	
Hydraulic tool	5.00			3174.00	
Packer	5.00			3179.00	21.00 Bottom Of Top Packer
Packer	5.00			3184.00	
Stubb	1.00			3185.00	
Recorder	0.00	8789	Inside	3185.00	
Recorder	0.00	8289	Outside	3185.00	
Perforations	15.00			3200.00	
Change Over Sub	1.00			3201.00	
Blank Spacing	31.00			3232.00	
Change Over Sub	1.00			3233.00	
Bullnose	3.00			3236.00	52.00 Bottom Packers & Anchor

Total Tool Length: 73.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Resources Inc
234 W 11th Ste A Box 70
Hays KS 67601-3805
ATTN: Clint Musgrove

Gary Brungardt Unit #1
25 13s 16w Ellis,KS
Job Ticket: 50407 **DST#: 3**
Test Start: 2013.12.15 @ 03:48:00

Mud and Cushion Information

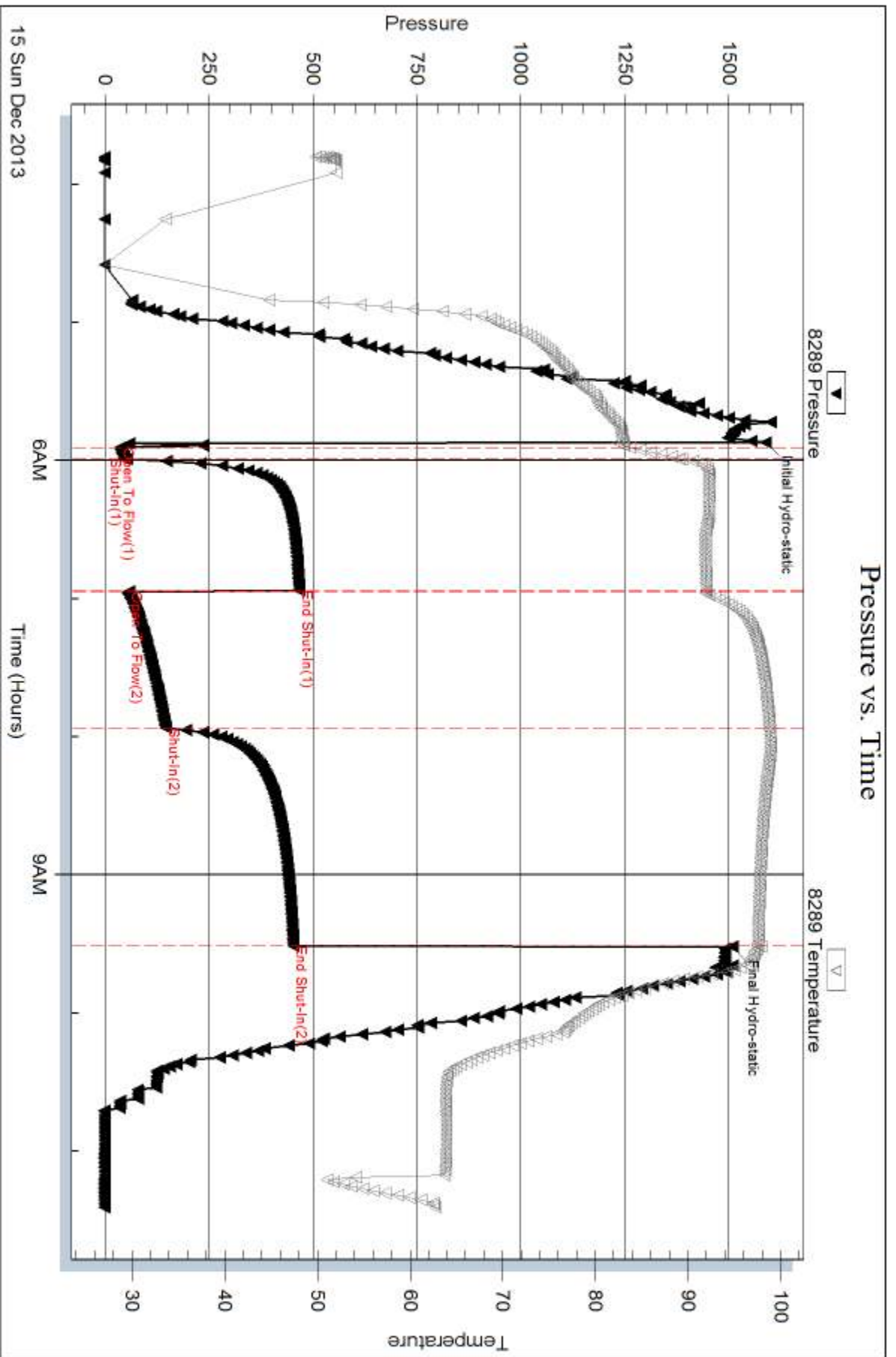
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	96000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 2.00 inches			

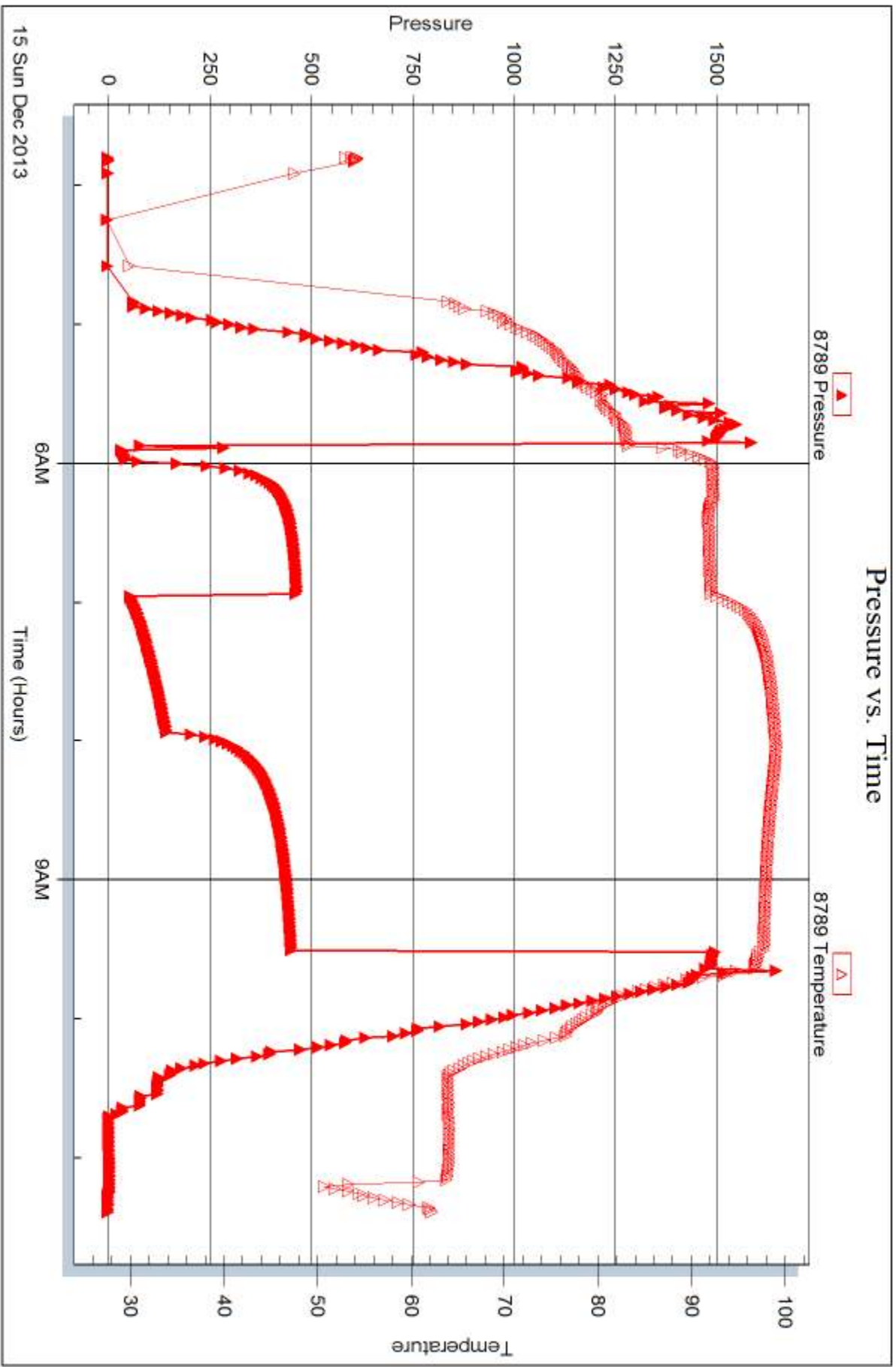
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	MCW 10%m 90%w	3.206
30.00	Oil Speck WCM 30%w 70%m	0.421
0.00	216 GIP	0.000

Total Length: 278.00 ft Total Volume: 3.627 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: .125 @ 47







DRILL STEM TEST REPORT

Prepared For: **DaMar Resources Inc**

234 W 11th Ste A Box 70
Hays KS 67601-3805

ATTN: Clint Musgrove

25 13s 16w Ellis,KS

Gary Brungardt Unit #1

Start Date: 2013.12.15 @ 22:14:00

End Date: 2013.12.16 @ 05:26:00

Job Ticket #: 50408 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.12.17 @ 11:38:44

DaMar Resources Inc

Gary Brungardt Unit #1

25 13s 16w Ellis,KS

DST # 4

LKC "H-L"

2013.12.15



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

DaMar Resources Inc
234 W 11th Ste A Box 70
Hays KS 67601-3805
ATTN: Clint Musgrove

Gary Brungardt Unit #1
25 13s 16w Ellis,KS
Job Ticket: 50408 **DST#: 4**
Test Start: 2013.12.15 @ 22:14:00

GENERAL INFORMATION:

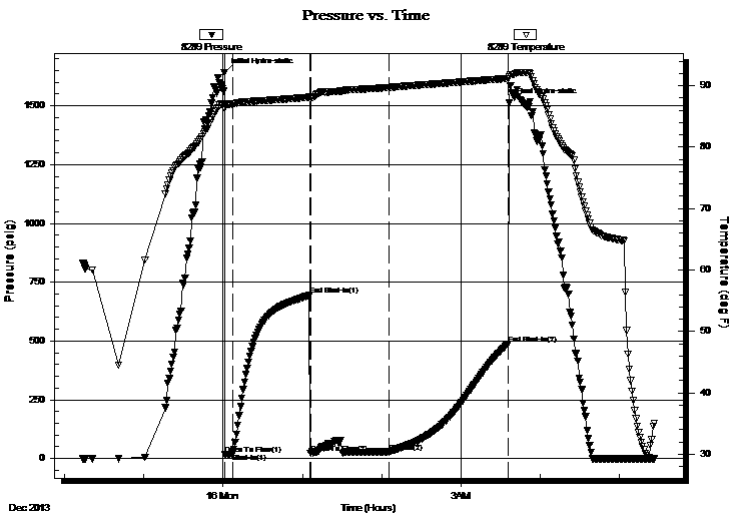
Formation: **LKC "H-L "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:01:15
Time Test Ended: 05:26:00
Interval: **3245.00 ft (KB) To 3360.00 ft (KB) (TVD)**
Total Depth: 3360.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 1932.00 ft (KB)
1925.00 ft (CF)
KB to GR/CF: 7.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Jim Svaty
Unit No: 54

Serial #: 8289 Outside

Press@RunDepth: 28.69 psig @ 3246.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.12.15 End Date: 2013.12.16 Last Calib.: 2013.12.16
Start Time: 22:14:02 End Time: 05:26:15 Time On Btm: 2013.12.16 @ 00:01:00
Time Off Btm: 2013.12.16 @ 03:36:15

TEST COMMENT: 5-IFP- Surface Blow
60-ISIP- No Blow
60-FFP- Surface Blow Building to 4"
90-FSIP- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1642.07	87.06	Initial Hydro-static
1	16.56	86.24	Open To Flow (1)
7	20.18	87.01	Shut-In(1)
65	695.29	88.12	End Shut-In(1)
65	23.13	87.89	Open To Flow (2)
125	28.69	89.72	Shut-In(2)
215	487.55	91.18	End Shut-In(2)
216	1511.89	91.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OSM 2%o 98%m	0.10

* 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 Inc
234 W 11th Ste A Box 70
Hays KS 67601-3805
ATTN: Clint Musgrove

Gary Brungardt Unit #1
25 13s 16w Ellis,KS
Job Ticket: 50408 **DST#: 4**
Test Start: 2013.12.15 @ 22:14:00

Tool Information

Drill Pipe:	Length: 3225.00 ft	Diameter: 3.80 inches	Volume: 45.24 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 45.39 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3245.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	115.00 ft			
Tool Length:	136.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Change Over Sub	1.00			3225.00	
Shut In Tool	5.00			3230.00	
Hydraulic tool	5.00			3235.00	
Packer	5.00			3240.00	21.00 Bottom Of Top Packer
Packer	5.00			3245.00	
Stubb	1.00			3246.00	
Recorder	0.00	8789	Inside	3246.00	
Recorder	0.00	8289	Outside	3246.00	
Perforations	15.00			3261.00	
Change Over Sub	1.00			3262.00	
Blank Spacing	94.00			3356.00	
Change Over Sub	1.00			3357.00	
Bullnose	3.00			3360.00	115.00 Bottom Packers & Anchor

Total Tool Length: 136.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Resources Inc
234 W 11th Ste A Box 70
Hays KS 67601-3805
ATTN: Clint Musgrove

Gary Brungardt Unit #1
25 13s 16w Ellis,KS
Job Ticket: 50408 **DST#: 4**
Test Start: 2013.12.15 @ 22:14:00

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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

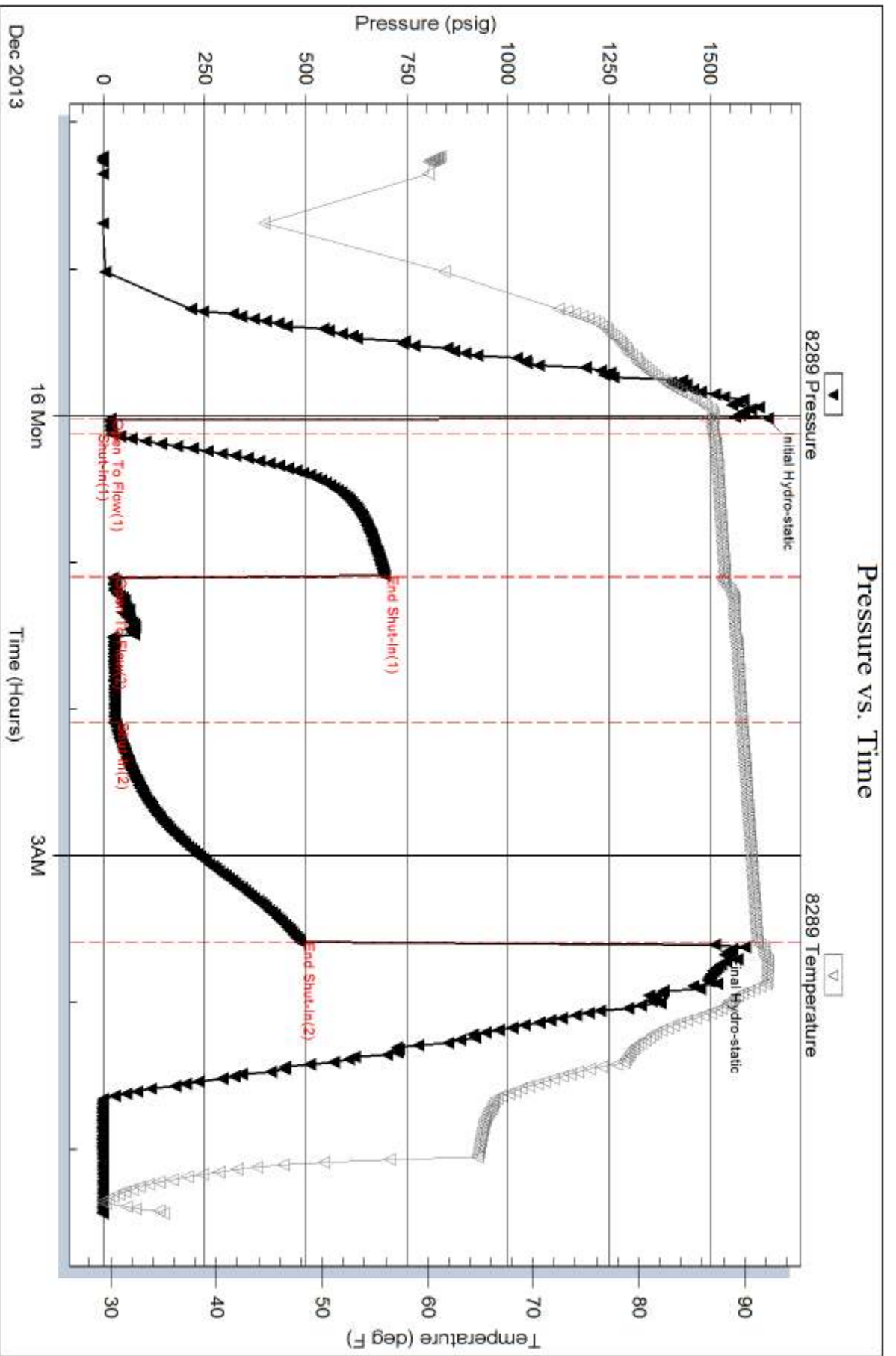
Length ft	Description	Volume bbl
20.00	OSM 2%o 98%m	0.098

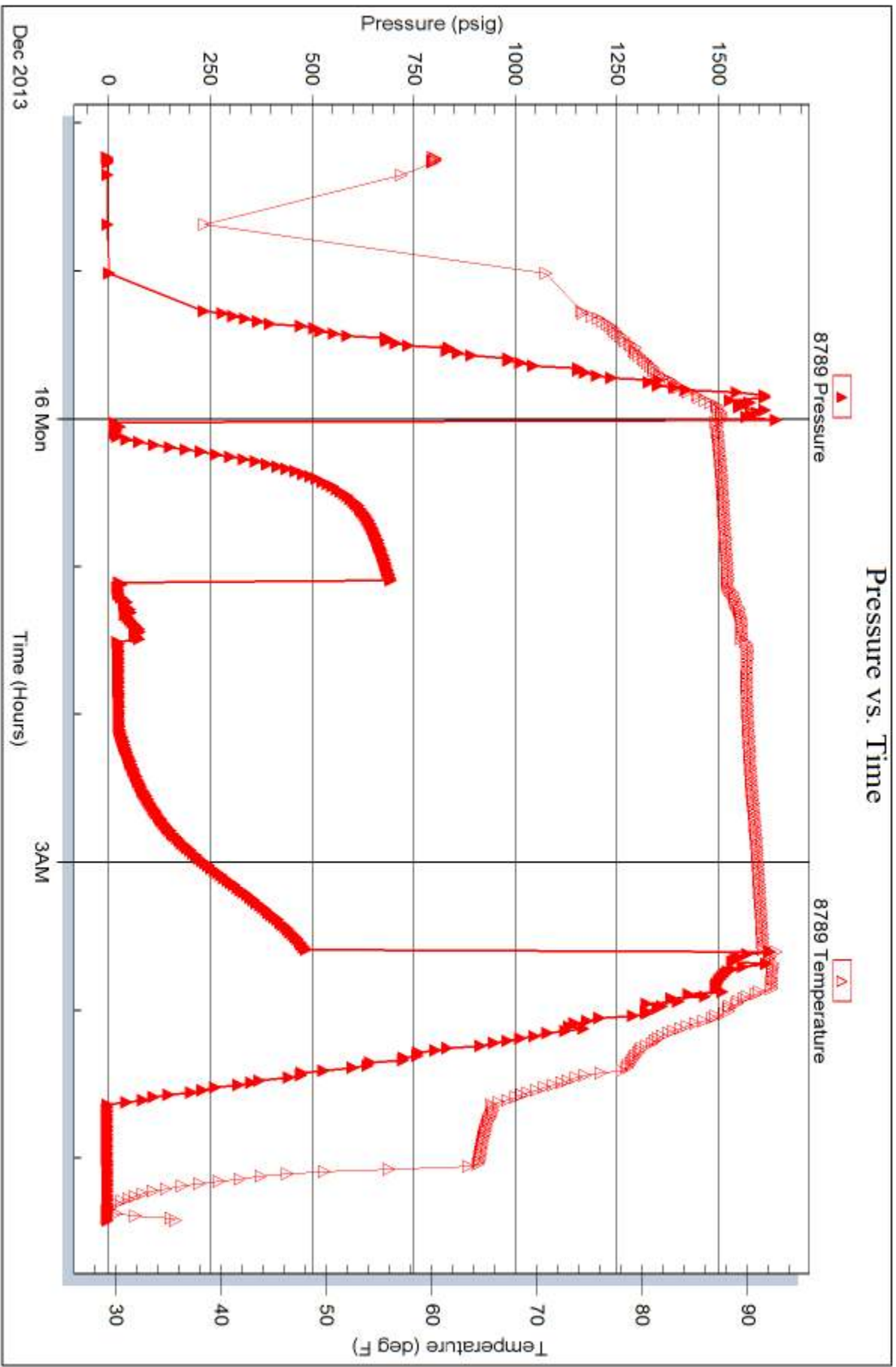
Total Length: 20.00 ft Total Volume: 0.098 bbl

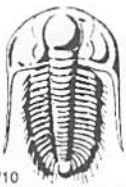
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50405

Well Name & No. Dary Brungardt Unit #1 Test No. 1 Date 12-13-13
 Company DAMAR Resources, Inc. Elevation 1932 KB 1925 GL
 Address 234 W. 11th St A Box 70 Hays KS 67601-3805
 Co. Rep / Geo. Clint Musgrove Rig Discovery #2
 Location: Sec. 25 Twp. 93^s Rge. 16^w Co. Ellis State KS

Interval Tested 3008-3030 Zone Tested Topeka
 Anchor Length 22 Drill Pipe Run 2974 Mud Wt. 8.9
 Top Packer Depth 3003 Drill Collars Run 30 Vis 56
 Bottom Packer Depth 3008 Wt. Pipe Run 0 WL 7.2
 Total Depth 3030 Chlorides 4000 ppm System LCM 2

Blow Description IFP - Surface Blow Building to 1 1/2 in.
ISIP - No Blow
FFP - Surface Blow Building to 2 1/4 in.
FSIP - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>55</u>	<u>0:1 Speck Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 55 BHT 87 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

- (A) Initial Hydrostatic 1461
- (B) First Initial Flow 11
- (C) First Final Flow 20
- (D) Initial Shut-In 913
- (E) Second Initial Flow 22
- (F) Second Final Flow 36
- (G) Final Shut-In 885
- (H) Final Hydrostatic 1388

- Test 1150
- Jars _____
- Safety Joint _____
- Circ Sub _____
- Hourly Standby _____
- Mileage 30 RT 46.50
- Sampler _____
- Straddle _____
- Shale Packer _____
- Extra Packer _____
- Extra Recorder _____
- Day Standby _____
- Accessibility _____

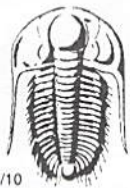
T-On Location 14:14
 T-Started 16:37
 T-Open 18:21
 T-Pulled 21:31
 T-Out 23:02

Comments _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1196.50
 MP/DST Disc't _____

Initial Open 10
 Initial Shut-In 45
 Final Flow 60
 Final Shut-In 75

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of 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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50406

Well Name & No. Dary Brungardt Unit #1 Test No. 2 Date 12-14-13
 Company Damar Resources Inc. Elevation 1932 KB 1925 GL
 Address 234 W. 11th St. A. Box 70 Hays KS 67601-3805
 Co. Rep / Geo. Clint Musgrove Rig Discovery #2
 Location: Sec. 25 Twp. 13^s Rge. 16^w Co. Ellis State KS

Interval Tested 3054-3174 Zone Tested Toronto & LKC "A-C"
 Anchor Length 120 Drill Pipe Run 3036 Mud Wt. 8.9
 Top Packer Depth 3049 Drill Collars Run 30 Vis 52
 Bottom Packer Depth 3054 Wt. Pipe Run 0 WL 7.6
 Total Depth 3174 Chlorides 4000 ppm System LCM 2

Blow Description IFP - BOB in 1 1/2 min.
ISIP - 1/8 in Blow Back Died Back in 20 min.
FFP - BOB in 10 sec.
FSIP - Surface Blow Building to 2 1/2 in.

Rec	Feet of	%gas	%oil	%water	%mud
<u>61</u>	<u>Massy OMCW</u>	<u>65</u>	<u>10</u>	<u>15</u>	<u>10</u>
<u>124</u>	<u>Massy WOCM</u>	<u>35</u>	<u>25</u>	<u>10</u>	<u>30</u>
<u>62</u>	<u>Massy OCM</u>	<u>33</u>	<u>2</u>		<u>65</u>
<u>50</u>	<u>Massy OCM</u>	<u>13</u>	<u>2</u>		<u>85</u>
Rec	Feet of <u>935 MSIP</u>	%gas	%oil	%water	%mud

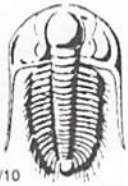
Rec Total 297 BHT 90 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1513 Test 1150 T-On Location 11:22
 (B) First Initial Flow 77 Jars _____ T-Started 11:47
 (C) First Final Flow 102 Safety Joint _____ T-Open 13:55
 (D) Initial Shut-In 455 Circ Sub _____ T-Pulled 17:15
 (E) Second Initial Flow 114 Hourly Standby _____ T-Out 19:31
 (F) Second Final Flow 436 Mileage 46.50 Comments _____
 (G) Final Shut-In 464 Sampler _____
 (H) Final Hydrostatic 1383 Straddle _____ Ruined Shale Packer _____

Initial Open 5 Shale Packer _____ Ruined Packer _____
 Initial Shut-In 60 Extra Packer _____ Extra Copies _____
 Final Flow 45 Extra Recorder _____ Sub Total 0
 Final Shut-In 90 Day Standby _____ Total 1196.50
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1196.50

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50407

Well Name & No. Dary Brungardt Unit #1 Test No. 3 Date 12-15-13
 Company DAMAC Resources INC. Elevation 1932 KB 1925 GL
 Address 234 W. 11th Ste A Box 70 Hays KS 67601-3805
 Co. Rep / Geo. Clint Musgrove Rig Discovery #2
 Location: Sec. 25 Twp. 13^s Rge. 16^w Co. Ellis State KS

Interval Tested 3184-3236 Zone Tested LKC "F & G"
 Anchor Length 52 Drill Pipe Run 3162 Mud Wt. 8.9
 Top Packer Depth 3179 Drill Collars Run 30 Vis 52
 Bottom Packer Depth 3184 Wt. Pipe Run 0 WL 7.6
 Total Depth 3236 Chlorides 4000 ppm System LCM 2

Blow Description IFP - BOB in 2min.
ISIP - Surface Blow in 2min. Died in 40min.
FFP - BOB in 4min.
FSIP - Surface Blow Building to 1 1/4 in Died Back in 15min.

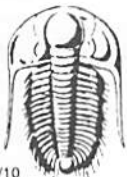
Rec	Feet of	%gas	%oil	%water	%mud
<u>248</u>	<u>mcw</u>		<u>90</u>	<u>10</u>	
<u>30</u>	<u>OSWCM</u>		<u>30</u>	<u>70</u>	
	<u>216 MIP</u>				

Rec Total 278 BHT 97 Gravity _____ API RW 125 @ 47 ° F Chlorides 96000 ppm
 (A) Initial Hydrostatic 1588 Test 1150 T-On Location 03:02
 (B) First Initial Flow 36 Jars _____ T-Started 03:48
 (C) First Final Flow 45 Safety Joint _____ T-Open 05:52
 (D) Initial Shut-In 466 Circ Sub _____ T-Pulled 09:27
 (E) Second Initial Flow 57 Hourly Standby _____ T-Out 11:24
 (F) Second Final Flow 145 Mileage 46.50 Comments _____
 (G) Final Shut-In 452 Sampler _____
 (H) Final Hydrostatic 1508 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 5 Ruined Shale Packer _____
 Initial Shut-In 60 Ruined Packer _____
 Final Flow 60 Extra Copies _____
 Final Shut-In 90 Sub Total 0
 Total 1196.50
 Sub Total 1196.50 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50408

Well Name & No. Mary Brungardt Unit #1 Test No. 4 Date 12-15-13
 Company DAMAR Resources Inc. Elevation 1932 KB 1925 GL
 Address 234 W. 11th St Box 70 Hays KS 67601-3805
 Co. Rep / Geo. Kurt Talbott Rig Discovery #2
 Location: Sec. 25 Twp. 13 S Rge. 16 W Co. Ellis State KS

Interval Tested 3245-3360 Zone Tested LKC "H-L"
 Anchor Length 115 Drill Pipe Run 3225 Mud Wt. 9.0
 Top Packer Depth 3240 Drill Collars Run 30 Vis 51
 Bottom Packer Depth 3245 Wt. Pipe Run 0 WL 8.0
 Total Depth 3360 Chlorides 7000 ppm System LCM 2

Blow Description IFP - Surface Blow
ISIP - ~~Surface Blow~~ No Blow
FFP - Surface Blow Building to 4 in.
FSIP - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>05m</u>	<u>2</u>		<u>98</u>	

Rec Total 20 BHT 91 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

- (A) Initial Hydrostatic 1642
- (B) First Initial Flow 16
- (C) First Final Flow 20
- (D) Initial Shut-In 695
- (E) Second Initial Flow 23
- (F) Second Final Flow 28
- (G) Final Shut-In 487
- (H) Final Hydrostatic 1511

- Test 1150
- Jars _____
- Safety Joint _____
- Circ Sub _____
- Hourly Standby _____
- Mileage 93
- Sampler _____
- Straddle _____
- Shale Packer _____
- Extra Packer _____
- Extra Recorder _____
- Day Standby _____
- Accessibility _____

T-On Location 21:40
 T-Started 22:14
 T-Open 00:01
 T-Pulled 03:36
 T-Out 05:26

Comments Brannon loaded tools 12/16 21:30

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____

Sub Total 0
 Total 1243
 MP/DST Disc't _____

Initial Open 5
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 90

Approved By _____ Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged of 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.

JAMES C. MUSGROVE

Petroleum Geologist
212 Main Street
P.O. Box 215
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

Damar Resources Inc.
Gary Brungardt Unit #1
W/2-E/2-E/2-SE (1320' FSL & 455' FEL)
Section 25-13s-16w
Ellis County, Kansas
Page 1

5 1/2" Production Casing Set

Contractor: Discovery Drilling Co. (Rig #1)
Commenced: December 10, 2013
Completed: December 17, 2013
Elevation: 1933' K.B; 1931' D.F; 1925' G.L.
Casing program: Surface; 8 5/8" @ 252'
Production; 5 1/2" @ 3488'
Sample: Samples saved and examined 2700' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2700 ft. to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tests: There were four (4) Drill Stem Tests ran by Trilobite Testing Co.
Electric Log: By Pioneer Energy Services; Dual Induction, Dual Compensated Porosity and Microresistivity.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	1001	+932
Base Anhydrite	1038	+895
Topeka	2840	-907
Heebner	3063	-1130
Toronto	3081	-1148
Lansing	3110	-1177
Base Kansas City	3351	-1418
Conglomerate	3364	-1431
Arbuckle	3398	-1465
Rotary Total Depth	3490	-1557
Log Total Depth	3488	-1555

(All tops and zones corrected to Electric Log measurements).

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

2840-2850' Limestone; tan, gray, finely crystalline, chalky, no shows.

2871-2880' Limestone; tan, gray, finely crystalline, fossiliferous, poorly developed porosity, trace black stain, no free oil and no odor in fresh samples.

3023-3030' Limestone; gray/tan, cream, finely crystalline, chalky, scattered pinpoint porosity, brown spotty stain, faint odor.

Drill Stem Test #1 3008-3030'

Times: 10-45-60-75

Blow: Weak (1 1/2")

Recovery: 55' oil specked mud

Pressures: ISIP 913 psi
FSIP 885 psi
IFP 11-20 psi
FFP 22-36 psi
HSH 1461-1388 psi

3040-3060' Limestone; gray, tan, finely crystalline, slightly granular, few fossiliferous, no shows.

TORONTO SECTION

3081-3091' Limestone; white, tan, finely crystalline, scattered pinpoint type porosity, fair black to brown stain, no free oil and no odor.

LANSING SECTION

3010-3015' Limestone; white, gray, finely crystalline, chalky, fossiliferous in part, scattered pinpoint type porosity, fair brown stain, no free oil and no odor in fresh samples.

3037-3042' Limestone; gray, white, oomoldic, scattered oomoldic porosity, chalky, brown stain, show of free oil and faint odor in fresh samples.

3052-3056' Limestone; white, cream, finely crystalline, chalky, few fossiliferous, chalky in part, pinpoint to intercrystalline type porosity, brown to golden brown stain, show of free oil and no odor in fresh samples.

Drill Stem Test #2 3054-3174'

Times: 5-60-45-90

Blow: Strong

Recovery: 935' gas in pipe
124' oil and gas cut watery mud
(35% gas, 25% oil, 10% water, 30% mud)
61' oil and gas cut muddy water
(65% gas, 10% oil, 15% water, 10% mud)

Pressures: ISIP 455 psi
FSIP 464 psi
IFP 77-102 psi
FFP 114-436 psi
HSH 1513-1383 psi

3080-3086' Limestone; cream, tan, finely crystalline, chalky, few cherty, poor visible porosity, trace stain, no free oil and no odor.

3092-3098' Limestone; tan, finely crystalline, oolitic, chalky in part, fine intercrystalline type porosity, brown stain, show of free oil and no odor in fresh samples.

3200-3212' Limestone; cream, tan, oomoldic, fair oomoldic porosity, trace brown stain, show of free oil and very faint odor in fresh samples.

Drill Stem Test #3 3184-3236'

Times: 5-60-60-90

Blow: Strong

Recovery: 216' gas in pipe
30' oil specked muddy water
(30% water, 70% mud)
248' muddy water

Pressures: ISIP 466 psi
FSIP 452 psi
IFP 36-46 psi
FFP 58-146 psi
HSH 1589-1509 psi

3250-3260' Limestone; white, cream, finely crystalline, oolitic, sub oomoldic, poorly developed porosity, chalky, no shows.

3270-3282' Limestone; cream, white, finely oolitic, few fossiliferous, poor intercrystalline to finely vuggy porosity, golden brown stain, show of free oil and faint odor.

3288-3300' Limestone; white, gray, oolitic, sub oomoldic, scattered porosity, trace brown stain, show of free oil and faint odor in fresh samples.

3323-3334' Limestone; cream, tan, finely oolitic, poorly developed porosity, trace stain, show of free oil and faint odor.

Drill Stem Test #4 3245-3360'

Times: 5-60-60-90

Blow: Weak - fair

Recovery: 20' oil specked mud

Pressures:	ISIP	695	psi
	FSIP	487	psi
	IFP	16-20	psi
	FFP	23-28	psi
	HSH	1642-1511	psi

CONGLOMERATE SECTION

3365-3390' Varied colored chert in varied colored predominately red shales.

3390-3395' Sand; gray, tan, very fine grained, sub rounded/sub angular, poorly developed porosity, trace stain, show of free oil and questionable odor in fresh samples.

ARBUCKLE SECTION

3398-3410' Dolomite; white, cream, fine to medium crystalline, chalky luster, trace black stain, no free oil and no odor.

3410-3430' Dolomite; white, cream, fine and medium crystalline, poorly developed porosity, trace black spotty stain, no free oil and no odor, plus white, cream, boney chert.

3430-3460' Dolomite and chert; as above, no shows.

3460-3488' Dolomite; cream, white, medium crystalline, few coarse crystalline, scattered porosity, no shows.

Rotary Total Depth 3490 (-1557)
Log Total Depth 3488 (-1555)

Recommendations: 5 1/2" production casing was set and cemented in the Gary Brungardt Unit #1.

Respectfully submitted:


Kurt Talbott, Clint Musgrove, and
James C. Musgrove
Petroleum Geologists

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 7634

Cell 785-324-1041

Date	1-9-14	Sec.	25	Twp.	13	Range	6	County	Ellis	State	KS	On Location	8:00AM	Finish	10:30AM	
Lease	Brown gary unit							Well No.	1	Owner	West Int					
Contractor	Express							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	port collar							Charge To	Damar Resources							
Hole Size								T.D.								
Csg.								Depth								
Tbg. Size								Depth								
Tool								Depth	The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.								Shoe Joint	Cement Amount Ordered 225 60/40							
Meas Line								Displace	4 1/2 gal 1/4 Flow used 125							
EQUIPMENT																
Pumptrk	18	No.	Cementer		Helper		75									
Bulktrk	3	No.	Driver		Driver		50									
Bulktrk	pu	No.	Driver		Driver		125									
JOB SERVICES & REMARKS																
Remarks:	Gary Bourgort Unit #1															
Rat Hole	Flowseal 50#															
Mouse Hole	Kol-Seal															
Centralizers	Mud CLR 48															
Baskets	CFL-117 or CD110 CAF 38															
D/V or Port Collar	1000'															
Ejectate out out of job long spottal sumel 50% of water mixed 125 5/15 cement did Ejectate shut tool wash clean Ben down to plug wash plus clean																
FLOAT EQUIPMENT																
Cement did ejectate																
Pumptrk Charge	port collar															
Mileage	11															
Tax																
Discount																
Total Charge																

X Signature *Ana Weaver*

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. 7618

Date	12-10-13	Sec.	25	Twp.	13	Range	16	County	ELLIS	State	KS	On Location		Finish	S. 30 PM
Lease	Bary Bransart			UNIT				Location	Gorham W to 400th Ave						
Contractor	Discovery	2	Well No.		1		Owner J N Winto								
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.	256		Charge To Damar Resources										
Csg.	8 5/8	Depth	252		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.	20 ft	Shoe Joint	20 ft		Cement Amount Ordered 160 com 3% CC										
Meas Line	23#	Displace	15 BBL		2% gel										
EQUIPMENT					Common 160										
Pumptrk	15	No.	Cementer	Mike		Poz. Mix									
Bulktrk	1	No.	Driver	Nick		Gel. 3									
Bulktrk	pu	No.	Driver	Doug		Calcium 5									
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										
Cement did circulate					Handling 168										
					Mileage										
					FLOAT EQUIPMENT										
					Guide Shoe										
					Centralizer										
					Baskets										
					AFU Inserts										
					Float Shoe										
					Latch Down										
					Pumptrk Charge Surface										
					Mileage 11										
Signature <i>J N Winto</i>					<div style="border: 1px solid black; padding: 5px; display: inline-block;"> COPY Tax Discount Total Charge </div>										