



KANSAS CORPORATION COMMISSION 1064128
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

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: _____



1064128

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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DRILL STEM TEST REPORT

Prepared For: **Novy Oil & Gas Inc.**

125 N. Market, Ste. 1230
Wichita Ks. 67202

ATTN: David Goldak

17-22s-8w Reno Ks.

Diana #1

Start Date: 2011.08.20 @ 16:56:38

End Date: 2011.08.21 @ 03:35:53

Job Ticket #: 43958 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Novy Oil & Gas Inc.
 125 N. Market, Ste. 1230
 Wichita Ks. 67202
 ATTN: David Goldak

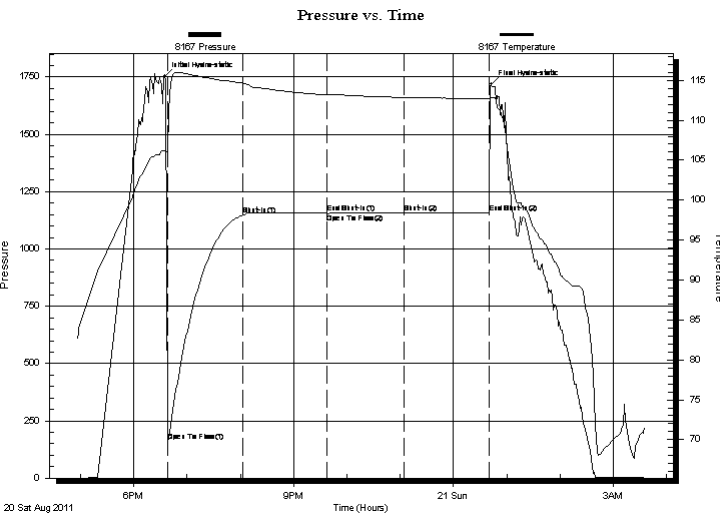
Diana #1
17-22s-8w Reno Ks.
 Job Ticket: 43958 **DST#: 1**
 Test Start: 2011.08.20 @ 16:56:38

GENERAL INFORMATION:

Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:37:38
 Time Test Ended: 03:35:53
 Interval: **3512.00 ft (KB) To 3547.00 ft (KB) (TVD)**
 Total Depth: 3547.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole
 Tester: Gary Pevoteaux
 Unit No: 56
 Reference Elevations: 1705.00 ft (KB)
 1698.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8167 Inside
 Press @ Run Depth: 1157.86 psig @ 3513.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.08.20 End Date: 2011.08.21 Last Calib.: 2011.08.21
 Start Time: 16:56:43 End Time: 03:35:53 Time On Btm: 2011.08.20 @ 18:34:53
 Time Off Btm: 2011.08.21 @ 00:42:38

TEST COMMENT: IF: Strong blow . B.O.B. in 50 secs.
 IS: Fair to strong blow . B.O.B.
 FF: Fair to strong blow . B.O.B. in 52 mins.
 FS: Fair blow . Increase to 11".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1752.76	106.15	Initial Hydro-static
3	161.97	105.96	Open To Flow (1)
88	1147.45	114.62	Shut-In(1)
182	1157.50	113.15	End Shut-In(1)
183	1152.65	113.15	Open To Flow (2)
270	1157.86	112.84	Shut-In(2)
366	1157.95	112.72	End Shut-In(2)
368	1718.03	112.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
135.00	GOCMW 36%g 9%o 18%m 37%w	1.89
375.00	GOCMW 25%g 4%o 8%m 63%w	5.26
1950.00	GSW/w few o specs. 4%g 96%w	27.35
0.00	RW .08ohms @66deg.	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Novy Oil & Gas Inc.
125 N. Market, Ste. 1230
Wichita Ks. 67202
ATTN: David Goldak

Diana #1
17-22s-8w Reno Ks.
Job Ticket: 43958 **DST#: 1**
Test Start: 2011.08.20 @ 16:56:38

Tool Information

Drill Pipe:	Length: 3505.00 ft	Diameter: 3.80 inches	Volume: 49.17 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 59000.00 lb
			<u>Total Volume: 49.17 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 37000.00 lb
Depth to Top Packer:	3512.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	63.00 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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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3485.00	
Shut in tool	5.00			3490.00	
HMV	5.00			3495.00	
Jars	5.00			3500.00	
Safety Joint	3.00			3503.00	
Packer	4.00			3507.00	28.00 Bottom Of Top Packer
Packer	5.00			3512.00	
Stubb	1.00			3513.00	
Recorder	0.00	8167	Inside	3513.00	
Recorder	0.00	8370	Outside	3513.00	
Perforations	29.00			3542.00	
Bullnose	5.00			3547.00	35.00 Bottom Packers & Anchor

Total Tool Length: 63.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Novy Oil & Gas Inc.

Diana #1

125 N. Market, Ste. 1230
Wichita Ks. 67202

17-22s-8w Reno Ks.

Job Ticket: 43958

DST#: 1

ATTN: David Goldak

Test Start: 2011.08.20 @ 16:56:38

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:

109000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8700.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
135.00	GOCMW 36%g 9%o 18%m 37%w	1.894
375.00	GOCMW 25%g 4%o 8%m 63%w	5.260
1950.00	GSW/w few o specs. 4%g 96%w	27.353
0.00	RW .08ohms @66deg.	0.000

Total Length: 2460.00 ft

Total Volume: 34.507 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

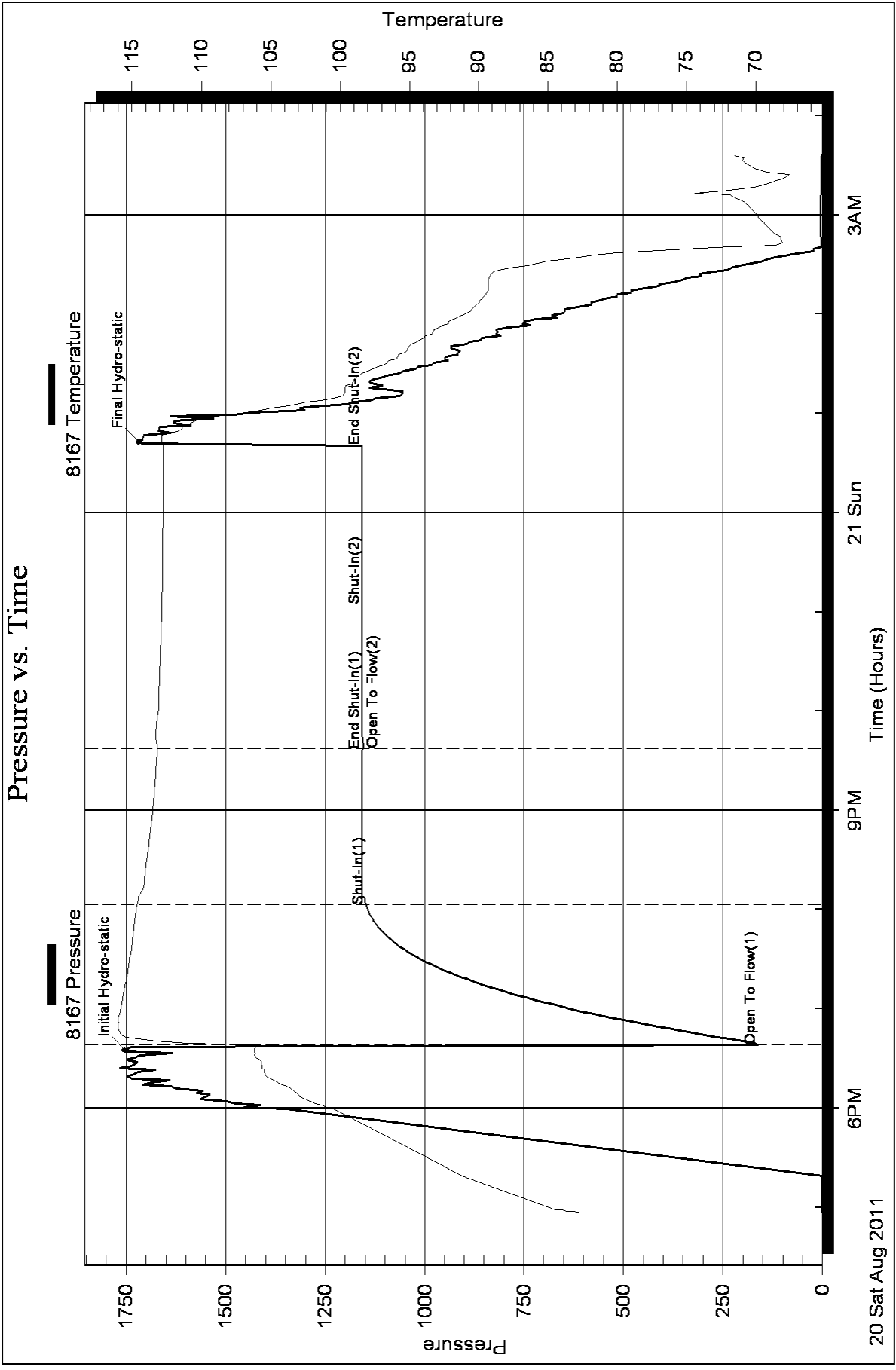
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Novy Oil & Gas Inc.**

125 N. Market, Ste. 1230
Wichita Ks. 67202

ATTN: David Goldak

17-22s-8w Reno Ks.

Diana #1

Start Date: 2011.08.21 @ 10:28:42

End Date: 2011.08.21 @ 17:15:42

Job Ticket #: 43959 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Novy Oil & Gas Inc.
 125 N. Market, Ste. 1230
 Wichita Ks. 67202
 ATTN: David Goldak

Diana #1
17-22s-8w Reno Ks.
 Job Ticket: 43959 **DST#: 2**
 Test Start: 2011.08.21 @ 10:28:42

GENERAL INFORMATION:

Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:42:57
 Time Test Ended: 17:15:42
 Interval: **3556.00 ft (KB) To 3564.00 ft (KB) (TVD)**
 Total Depth: 3564.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole
 Tester: Gary Pevoteaux
 Unit No: 56
 Reference Elevations: 1705.00 ft (KB)
 1698.00 ft (CF)
 KB to GR/CF: 7.00 ft

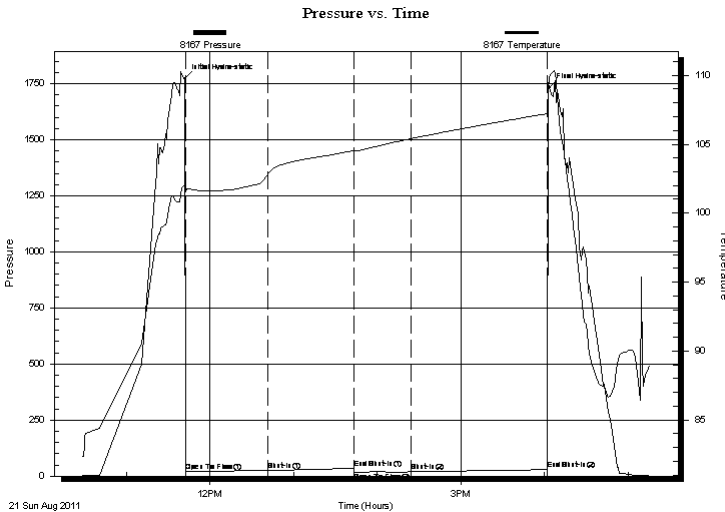
Serial #: 8167

Inside

Press @ Run Depth: 19.47 psig @ 3557.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.08.21 End Date: 2011.08.21 Last Calib.: 2011.08.21
 Start Time: 10:28:47 End Time: 17:15:41 Time On Btm: 2011.08.21 @ 11:41:57
 Time Off Btm: 2011.08.21 @ 16:03:27

TEST COMMENT: IF:Weak blow .n1 - 1 1/2".
 IS:No blow .
 FF:Weak blow . 1". Dead in 45 mins.
 FS:No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1772.03	102.02	Initial Hydro-static
1	19.71	101.57	Open To Flow (1)
60	24.86	102.84	Shut-In(1)
121	34.48	104.53	End Shut-In(1)
122	15.91	104.51	Open To Flow (2)
162	19.47	105.40	Shut-In(2)
260	28.63	107.21	End Shut-In(2)
262	1731.41	109.85	Final Hydro-static

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
15.00	Drig.mud /Trace of GIP	0.21

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Novy Oil & Gas Inc.
125 N. Market, Ste. 1230
Wichita Ks. 67202
ATTN: David Goldak

Diana #1
17-22s-8w Reno Ks.
Job Ticket: 43959 **DST#: 2**
Test Start: 2011.08.21 @ 10:28:42

Tool Information

Drill Pipe:	Length: 3538.00 ft	Diameter: 3.80 inches	Volume: 49.63 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 49.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 37000.00 lb
Depth to Top Packer:	3556.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	8.00 ft			
Tool Length:	36.00 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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C.O. Sub	1.00			3529.00	
Shut in tool	5.00			3534.00	
HMV	5.00			3539.00	
Jars	5.00			3544.00	
Safety Joint	3.00			3547.00	
Packer	4.00			3551.00	28.00 Bottom Of Top Packer
Packer	5.00			3556.00	
Stubb	1.00			3557.00	
Recorder	0.00	8167	Inside	3557.00	
Recorder	0.00	8370	Outside	3557.00	
Perforations	2.00			3559.00	
Bullnose	5.00			3564.00	8.00 Bottom Packers & Anchor

Total Tool Length: 36.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Novy Oil & Gas Inc.

Diana #1

125 N. Market, Ste. 1230
Wichita Ks. 67202

17-22s-8w Reno Ks.

Job Ticket: 43959

DST#: 2

ATTN: David Goldak

Test Start: 2011.08.21 @ 10:28:42

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:

13500 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 14.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 13500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Drilg.mud /Trace of GIP	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

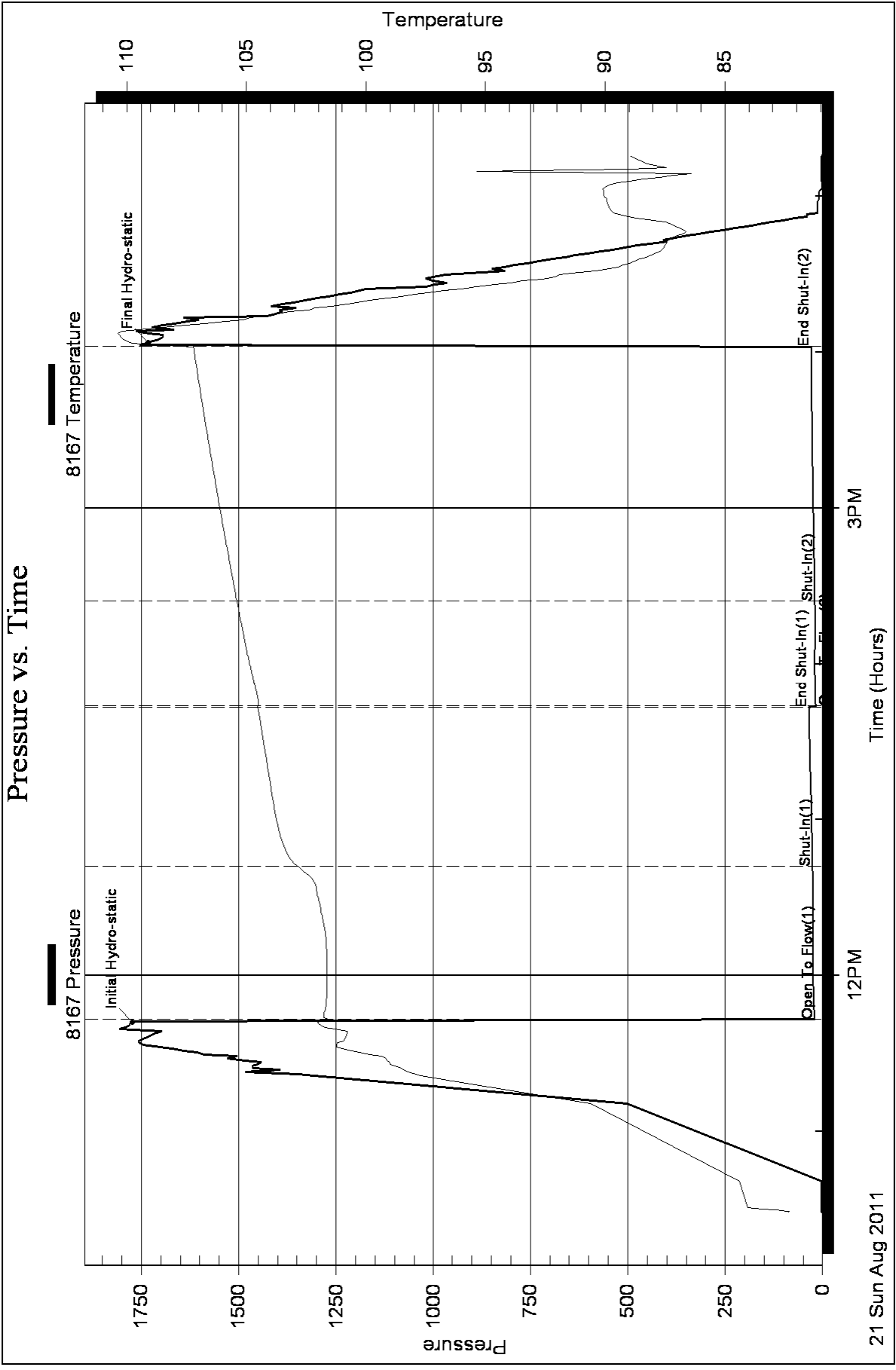
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Novy Oil & Gas Inc.**

125 N. Market, Ste. 1230
Wichita Ks. 67202

ATTN: David Goldak

17-22s-8w Reno Ks.

Diana #1

Start Date: 2011.08.22 @ 00:18:29

End Date: 2011.08.22 @ 06:32:29

Job Ticket #: 43960 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Novy Oil & Gas Inc.
125 N. Market, Ste. 1230
Wichita Ks. 67202
ATTN: David Goldak

Diana #1
17-22s-8w Reno Ks.
Job Ticket: 43960 **DST#: 3**
Test Start: 2011.08.22 @ 00:18:29

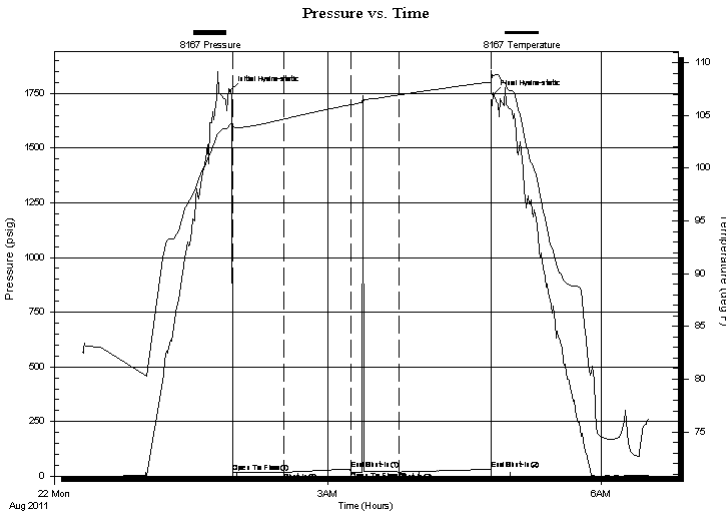
GENERAL INFORMATION:

Formation: Conglomerate		Test Type: Conventional Bottom Hole
Deviated: No Whipstock: ft (KB)		Tester: Gary Pevoteaux
Time Tool Opened: 01:57:14		Unit No: 56
Time Test Ended: 06:32:29		Reference Elevations: 1705.00 ft (KB)
Interval: 3564.00 ft (KB) To 3582.00 ft (KB) (TVD)		1698.00 ft (CF)
Total Depth: 3582.00 ft (KB) (TVD)		KB to GR/CF: 7.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Poor	

Serial #: 8167	Inside				
Press @ Run Depth: 19.47 psig @ 3565.00 ft (KB)		Capacity: 8000.00 psig			
Start Date: 2011.08.22	End Date: 2011.08.22	Last Calib.: 2011.08.22			
Start Time: 00:18:34	End Time: 06:32:28	Time On Btm: 2011.08.22 @ 01:55:44			
		Time Off Btm: 2011.08.22 @ 04:48:59			

TEST COMMENT: IF: Weak blow . (surface) Dead in 2 mins.
IS: No blow .
FF: No blow . Flushed tool 10 mins. in to FFP.
FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1760.76	104.17	Initial Hydro-static
2	18.88	103.70	Open To Flow (1)
36	17.95	104.67	Shut-In(1)
80	32.85	106.03	End Shut-In(1)
80	19.97	106.04	Open To Flow (2)
111	19.47	106.95	Shut-In(2)
172	31.08	108.19	End Shut-In(2)
174	1744.92	108.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Drig. mud	0.04

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Novy Oil & Gas Inc.

Diana #1

125 N. Market, Ste. 1230
Wichita Ks. 67202

17-22s-8w Reno Ks.

Job Ticket: 43960

DST#: 3

ATTN: David Goldak

Test Start: 2011.08.22 @ 00:18:29

Tool Information

Drill Pipe:	Length: 3567.00 ft	Diameter: 3.80 inches	Volume: 50.04 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 56000.00 lb
			<u>Total Volume: 50.04 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 37000.00 lb
Depth to Top Packer:	3564.00 ft			Final 37000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	46.00 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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C.O. Sub	1.00			3537.00	
Shut in tool	5.00			3542.00	
HMV	5.00			3547.00	
Jars	5.00			3552.00	
Safety Joint	3.00			3555.00	
Packer	4.00			3559.00	28.00 Bottom Of Top Packer
Packer	5.00			3564.00	
Stubb	1.00			3565.00	
Recorder	0.00	8167	Inside	3565.00	
Recorder	0.00	8370	Outside	3565.00	
Perforations	12.00			3577.00	
Bullnose	5.00			3582.00	18.00 Bottom Packers & Anchor

Total Tool Length: 46.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Novy Oil & Gas Inc.

Diana #1

125 N. Market, Ste. 1230
Wichita Ks. 67202

17-22s-8w Reno Ks.

Job Ticket: 43960

DST#: 3

ATTN: David Goldak

Test Start: 2011.08.22 @ 00:18:29

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:

13500 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 14.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 13500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Drilg.mud	0.042

Total Length: 3.00 ft Total Volume: 0.042 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

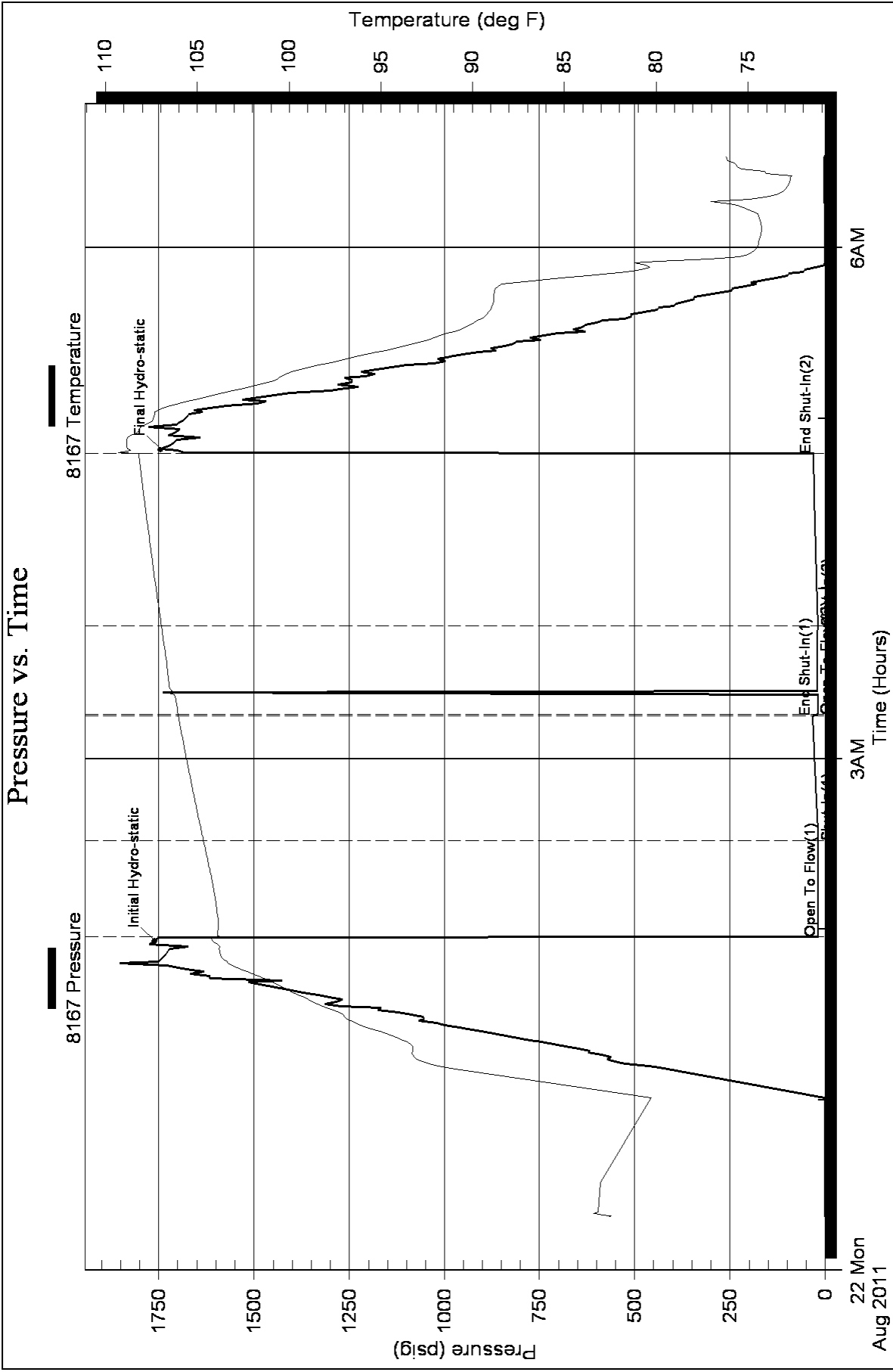
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





energy services, L.P.

AUG 29 2011

ST

TREATMENT REPORT

Customer Novy Oil & Gas, Inc		Lease No.		Date 8-22-11	
Lease DIANA		Well # 1			
Field Order # 04488A	Station Pratt	Casing 5 1/2	Depth 3632	County Reno	State KS
Type Job 5 1/2" L.S.	Formation Cmw TD 3633 LTD		Legal Description 17-27-8		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid 12-BBI mud Flush	RATE	PRESS	ISIP	
Depth 3632	Depth	From	To 150	Pre Pad Ks 60/40 Poz	Max @ 14.3#		5 Min.	
Volume 86	Volume	From	To	Pad	Min		10 Min.	
Max Press 1500#	Max Press	From	To 30	Frac sk 60/40 Poz	Avg R.H.		15 Min.	
Well Connection - PC	Annulus Vol.	From	To 20	Flush Disp. H2O	HHP Used M.H.		Annulus Pressure	
Plug Depth 3613	Packer Depth	From	To		Gas Volume		Total Load	

Customer Representative Mike Novy				Station Manager Scotty				Treater Allen			
Service Units	28443	19889	19842	19960	19918						
Driver Names	Allen	James	Anthony	Dale	Phye						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1030 pm	8-22-11				on loc. Discuss Safety, setup, Plan, CIB Righaying down Drill Pipe.
1230 Am					Start 5 1/2" casing 15.5# shoe joint 19.20' w/ float shoe + L.O. Baffle in collar. # # cent- 2-3-4-5-7-9 - Basket 1-8 Tag Bottom, pickup 1' Ft Hookup + CIR w/ Rig.
200					
230	400#		5	5	Pump 5 Bbls H2O spacer
			12	5	Pump 12 Bbls mud Flush
			5	5	Pump 5 Bbls H2O spacer
			38	5	Mix + pump 150 sks 60/40 Poz Finish mix washout Pump + Line
247				7	Drop L.O. Plug. Start Disp.
	600#			7	caught lift w/ 57 Bbls out
300	1500#		86	5	Plug down Release PSI 0# Plug Rat hole w/ 30 sks 60/40 Poz Plug mouse Hold w/ 20 sks 60/40 Poz washup. + Rackup.
	0#				
345					Job complete. Thanks Allen, James, Dale.