



KANSAS CORPORATION COMMISSION 1095722
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 # 33937
Name: Neal LaFon Realty Inc. dba Meridian Energy Inc.
Address 1: 1475 WARD DR
Address 2: _____
City: FRANKTOWN State: CO Zip: 80116 + 9405
Contact Person: Neal LaFon
Phone: (303) 688-4022
CONTRACTOR: License # 33905
Name: Royal Drilling Inc
Wellsite Geologist: Neal LaFon
Purchaser: Plains Marketing LLC

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 #: _____

1/23/2012 1/28/2012 8/24/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-163-23998-00-00

Spot Description: _____

NW SE SE NW Sec. 4 Twp. 9 S. R. 19 East West
2210 Feet from North / South Line of Section
2210 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Rooks

Lease Name: Holmes Well #: 1

Field Name: _____

Producing Formation: Arbuckleq

Elevation: Ground: 2004 Kelly Bushing: 2014

Total Depth: 3486 Plug Back Total Depth: 3483

Amount of Surface Pipe Set and Cemented at: 221 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 1376 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: 46000 ppm Fluid volume: 200 bbls

Dewatering method used: Evaporated

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: Deanna Gerriso Date: 10/08/2012



1095722

Operator Name: Neal LaFon Realty Inc. dba Meridian Energy Inc. Lease Name: Holmes Well #: 1
 Sec. 4 Twp. 9 S. R. 19 East West County: Rooks

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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No

Electric Log Submitted Electronically Yes No
 (If no, Submit Copy)

List All E. Logs Run:

Dual Induction Log
 Dual Compensated Porosity log
 Microlog

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Attached Attached Attached

CASING RECORD New 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 csg	8.875	8.625	23.0	221	common	170	3%cc 2%gel
Prod	8.875	5.5	15.50	3483	class a	175	

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	0-1376	60/40 poz	195	
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3448-3464	500	
	3448-3464	9760 bbls polymer	

TUBING RECORD: Size: <u>2.875</u> Set At: <u>3446</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>8/24/2012</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>5</u>	Gas Mcf <u>100</u>	Water Bbls. <u>100</u> Gas-Oil Ratio <u>26</u> Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3448-3464</u>
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Form	ACO1 - Well Completion
Operator	Neal LaFon Realty Inc. dba Meridian Energy Inc.
Well Name	Holmes 1
Doc ID	1095722

Tops

Name	Top	Datum
Anhydrite	1428	+586
Topeka	2963	-949
Heebner	3168	-1154
Toronto	3189	-1175
Kansas City	3208	-1194
BKC	3412	-1398
Cong	3424	-1410
Arbuckle	3446	-1432

WELL REPORT

Well: Meridian Energy Inc. #1 Holmes
Approx SE SE NW Section 4
2210' FNL x 2210' FWL
T. 9 S., R. 19 W.
Rooks County, Kansas

Elevation: GL 2007
KB 2014

Total Depth: Driller 3486
Logger 3486

Date Spudded: 1/23/12

Date completed: 1/29/12

Drill Stem Test: 2 - Topeka and Toronto to KC A-D

Results: Ran pipe to further evaluate.

Drilling Contractor: Royal Drilling, Rig 2

Mud Contractor: Andy's Mud

Logs Run: DIL/CNL/FDC Microlog

Wellsite Geologist: Neal LaFon- Franktown, Colorado

FORMATION TOPS

Anhydrite	1428	+586
Topeka	2963	-949
Heebner	3168	-1154
Toronto	3189	-1175
Kansas City A	3208	-1194
BKC	3424	-1410
CONG	3424	-1410
ARB	3446	-1432

TD 3486

SAMPLE DESCRIPTIONS

Lagged 10' samples

2944-2946 Ls, buff, white, hard, tt, no show

Topeka

2963-2978 Ls, brn, oolitic, v shaly, tt, no show

2978-2990 Ls, dk gray, micro xtln, tt, no show
2990-3004 Ls, buff, micro xtln w/pellets, some clean, tt, no show
3008-3016 Ls, dk gray, micrite, dirty, tt, no show
3016-3040, ls, buff, f-m xtln, foss, tt, no show
3040-3070 Ls, brn, f-m xtln, some w/shaly pellets/dirty, some clean, tt, no show
tr chalky
3070-3096 Ls, wt, micro xtln, tt, no show
3100-3110 Ls, gran/shaly, tt, no show
3118-3128 Ls, et, micro xtln, tt no show
some chalky, one grn, vf xtln, surcosic w/tr patchy stn, SSFO, sl fri
fair p and p, couple grns w/dead bitumen.
3138-3158 Ls, buff, vf xtln, pinpt vug por w/dk stn, GSFO, fair por, oil scum on
cups, gd odor
3155-3176 Ls, wt, mirco xtln, tt, no show

Toronto

3188-3200 Ls, vf xtln, tr w/pinpt vug por, mostly tt, GSFO, weak stn, some
intergran por, lt stn SSFO

Kansas City

A 3208-3222 Ls, brn, m xtln, some w/big vugs, gd stn PSFO
one grn, ls, wt oolitic, grnstn w/tr por, sl stn NSFO
B 3222-3236 Ls, wt micro xtln, tr/patchy vug por, f-gd por, st stn FSFO, some
PSFO, some wet barren
C 3247-3258 Ls, wt, med-coar xtln, vug por and intergran por, stn, PSFO, some
micro xtln w/patchy vug por, lt stn NSFO gd odor
D 3264-3275 Ls, wt, micro xtln, tt, no show
E 3278-3288 Ls, wt, micro xtln, hard, tt, no show, s ome med xtln, granular, vug
por, lt stn, NSFO, no sat, gd por, por show
F 3288-3300 Ls, wt, micro xtln, tt, some chaly ls, tr m xtln a/a w/lt stn, NSFO, some
barren wet.
G 3300-3326- Ls, wt, micro xtln, tt, no show tr m xtln granular w/dead bitumen,
NSFO
H 3340-3352 Ls, wt, micro xtln, hard, tt, no show couple grns med xtln w/lt stn,
NSFO
I 3359-3388 Ls, gray, micro xtln, hard, tt, no show
K 3398-3410 Ls, a/a, one grn vf xtln, hard w/stn, PSFO when c rushed
L 3418-3422 Ls, wt, micro xtln, tt, no show

3422 shale, blue, red

Arbuckle

3447-3482 Dolo, wt, rhombic, granular, v gd blk stn, exc SFO, bleeding oil exc
odor. Some cemented dolo, harder w /scat vug por w stn, GSFO, one
frac plane w/druzy cmt, some very coarse vugs, also
some tite rock w/no shows, no por.

DRILL STEM TEST 1

DST #1 3125-3155 Topeka

Rec 90' W

op 2 45 60 60

FP 14-19 20-56

SIP 989-916

Rw .07 @ 60degrees 149,000 ppm chlorides

DRILL STEM TEST 2

DST #2 3155-3275 Toronto-Kansas City A-D

Rec 245' VSGOMCW (10%Gas 5% Oil, 35% Water, 30% Mud)
185; VSGOWCM (5% Gas, 5% Oil, 5% water, 85% Mud)

op 2 45 60 90

FP 31-44 53-283

SIP 904-849

Rw .09 @ 45degrees 160,000 ppm chlorides

MUD RECORD

1/25/12 @2900	MW 8.5	VIS 47	WL 8.0	MC 1/32
1/26/12 @ 3155	MW 8.9	VIS 52	WL 7.6	MC 1/32
1/27/12 @ 3301	MW 8.8	VIS 45	WL 8.8	MC 1/32
1/27/12 @3486	MW 8.6	VIS 45		

DEVIATION SURVEYS

1/16/12 @ 220 1/4 degree

1/21/12 @ 3749 2 degree

COMMENTS

Shows in ARB were excellent with very good stn and abundant bleeding oil. Some excellent shows were seen in the Toronto from a thin zone at 3140 but tested wet. Good shows were also seen in the Toronto (3140-3142) and upper Kansas City zones (A 3216-3221, C 3448-3254, and D 3268-3270) and a "group" test recovered some oil and water and mud. These zones need to be perfed later as they will give up some oil and should produce with relatively small amount of water.

Neal La Fon
Geologist
Franktown, CO
1/31/2012



CONSOLIDATED
On Well Services, LLC

TICKET NUMBER 33911
LOCATION Oakley
FOREMAN Fuzzy

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-15-12	5665	Holmes #1	4	9S	19W	Rooks
CUSTOMER Meridian Energy			Zurich SW 1/4 Sec 4			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			463	Josh G		
STATE			466	Wes E		
ZIP CODE						

JOB TYPE P-Collar HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT 5 1/2 15.5
 CASING DEPTH _____ DRILL PIPE _____ TUBING 2 1/8 OTHER Procoll 1376
 SLURRY WEIGHT 12.5 SLURRY VOL 1.89 WATER gal/sk 10.8 CEMENT LEFT in CASING _____
 DISPLACEMENT 7.9 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on Rensselaire well service. Rig up. Pressure closed tool @ 1200' establish circulation. Mix 19.5 gals 60/40 89 gal 114# slurry. Displace 7 BBL. Test closed tool @ 1200' Run 5 JTS reverse to clean with 20 BBLs. Cement did circulate approx 8 BBL to pit.

Thanks Fuzzy & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 B	1	PUMP CHARGE	1695 ⁰⁰	1695 ⁰⁰
5406	3.7 miles	MILEAGE	5 ⁰⁰	185 ⁰⁰
5407A	8.4 ton	Tow mileage delivery	167	519 ⁰³
1131	195 gals	60/40 pps	15 ¹⁰	2944 ⁵⁰
1118 B	1342 #	Bentonite	1.25	335 ⁵⁰
1107	49 #	Celloclate	2.83	138 ¹²
		Subtotal		5817 ³¹
		less 1090 disc		581 ³³
		Subtotal		5235 ⁴⁷
		247880	SALES TAX	193.82

Revin 3737

[Signature]

AUTHORIZATION _____ TITLE _____ DATE _____

ESTIMATED TOTAL 5429.31

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



Oil Well Services, LLC

LOCATION _____
FOREMAN Fuzzly

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
1-23-12	5665	Holmes #1	4	9S	19W	Roots	
CUSTOMER <u>Meridian Energy</u>		Zones 5 in 1/2 in 5 in		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS				463	Josh G		
CITY		STATE		528	Cal R		
ZIP CODE							

JOB TYPE Production HOLE SIZE 7718 HOLE DEPTH 3480' CASING SIZE & WEIGHT 5 1/2 15.5
 CASING DEPTH 3489' DRILL PIPE _____ TUBING _____ OTHER P collection (379)
 SLURRY WEIGHT 14.7 SLURRY VOL 1.36 WATER gal/sk 6.5 CEMENT LEFT in CASING _____
 DISPLACEMENT 82.5 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on ROVAL #1. Float equip - Cont # 88, 2, 4, 6, 8, 9, 11, 48. Baskets on #5 (top) + #8 (top), Port collection Top #49. Pump shaft under, mix 30sks 60/40 48" seal 11" close in 12H, 20sks in well. Mix 12.5sks cement to 90' depth, 2" seal, 54 Kol seal, 25% FL-115 wash pump at base. Diet plug and displace 84 gal. 5000 lb (4), 1200 lb (4) float held

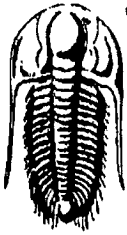
Thanks Fuzzly crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3020 ⁰⁰	3020 ⁰⁰
5406	37 miles	MILEAGE	5 ⁰⁰	185 ⁰⁰
5407A	8.03 hrs	Tow mileage Delivery	182	496 ¹⁷
11045	125 sks	Class A cement	17 ⁰⁰	2206 ²⁵
1118B	407 #	Bentonite	.25	101 ⁷⁵
1131	50 sgs	60/40 pos	15 ¹²	755 ⁰⁰
1111	675 #	Salt	.45	303 ⁷⁵
1110*	625 #	Kol-seal	1.56	350 ⁰⁰
1135A	29 #	FL-115	10 ⁵²	305 ⁹⁵
4159	1	5 1/2" ATFU Float shoe	413 ⁰⁰	413 ⁰⁰
4454	1	5 1/2" Workdown Assy	303 ⁰⁰	303 ⁰⁰
4130	8	5 1/2" Centralizers	58 ⁰⁰	464 ⁰⁰
4104	2	5 1/2" cement baskets	276 ⁰⁰	552 ⁰⁰
4285	1	5 1/2" Port Collar	2075 ⁰⁰	2075 ⁰⁰
1107	13 #	Flu-seal	2 ⁸⁰	36 ⁰⁰
			sub total	11567 ⁵²
			24748 ⁸	less 10% disc
			sub total = 10410 ²⁸	SALES TAX
				ESTIMATED TOTAL
				446 ⁰³
				10856 ⁵¹

Revin 9737

AUTHORIZATION [Signature] TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Meridian Energy Inc.

4-9-19, Rooks, Ks

1475 N Ward Circle
Franktown n, CO 80116

Holmes#1

Job Ticket: 46856

DST#: 1

ATTN: Neal lafon

Test Start: 2012.01.26 @ 09:15:58

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:57:28

Time Test Ended: 15:30:28

Test Type: Conventional Bottom Hole (Initial)

Tester: Brett Dickinson

Unit No: 59

Interval: **3125.00 ft (KB) To 3155.00 ft (KB) (TVD)**

Total Depth: 3155.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2012.00 ft (KB)

2004.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6753

Inside

Press@RunDepth: 56.13 psig @ 3126.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.26

End Date: 2012.01.26

Last Calib.: 2012.01.26

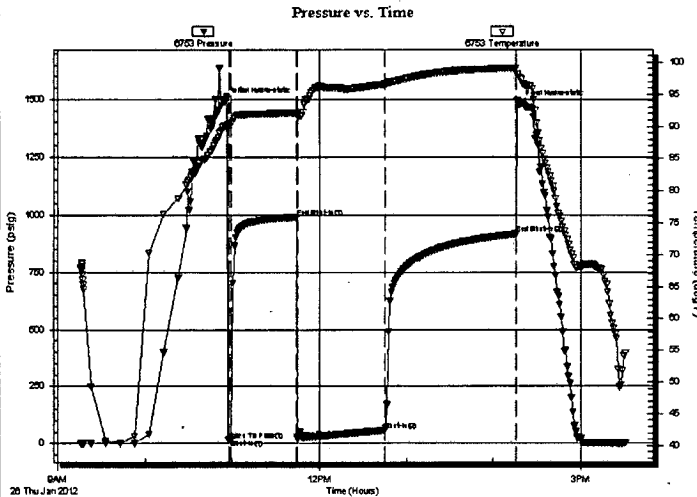
Start Time: 09:16:03

End Time: 15:30:27

Time On Btm: 2012.01.26 @ 10:55:28

Time Off Btm: 2012.01.26 @ 14:17:28

TEST COMMENT: IF-1/2in blow
IS-No blow
FF-3.5in blow
FS-No blow



PRESSURE SUMMARY

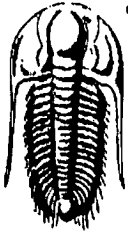
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1490.01	90.03	Initial Hydro-static
2	14.78	89.35	Open To Flow (1)
4	19.93	90.57	Shut-In(1)
49	989.98	92.12	End Shut-In(1)
50	20.96	91.75	Open To Flow (2)
110	56.13	96.57	Shut-In(2)
200	916.29	99.09	End Shut-In(2)
202	1478.10	97.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	water	1.26

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy Inc.

4-9-19, Rooks, Ks

1475 N Ward Circle
Franktown, CO 80116

Holmes#1

Job Ticket: 46856

DST#: 1

ATTN: Neal Lafon

Test Start: 2012.01.26 @ 09:15:58

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:

149000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 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 bbbl
90.00	water	1.262

Total Length: 90.00 ft Total Volume: 1.262 bbl

Num Fluid Samples: 0

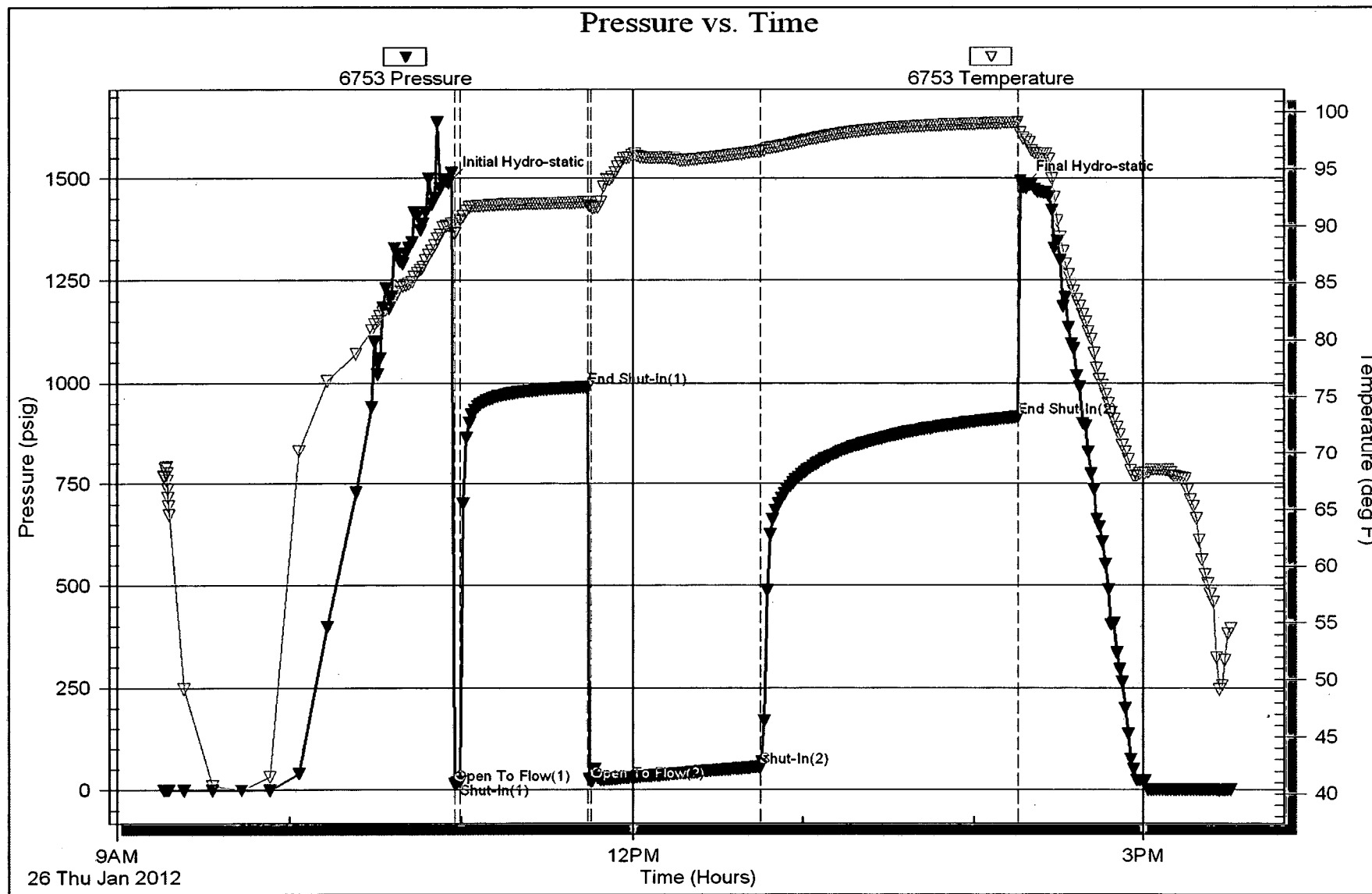
Num Gas Bombs: 0

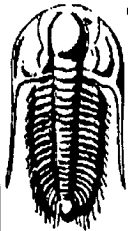
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .07 @ 60





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Meridian Energy Inc.

4-9-19, Rooks, Ks

1475 N Ward Circle
Franktown n, CO 80116

Holmes#1

Job Ticket: 46857

DST#: 2

ATTN: Neal lafon

Test Start: 2012.01.27 @ 00:25:56

GENERAL INFORMATION:

Formation: **KC "A-D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:39:56

Time Test Ended: 07:40:56

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: **3155.00 ft (KB) To 3275.00 ft (KB) (TVD)**

Total Depth: 3275.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2012.00 ft (KB)

2004.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6753

Inside

Press@RunDepth: 283.69 psig @ 3156.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.27

End Date:

2012.01.27

Last Calib.: 2012.01.27

Start Time: 00:26:01

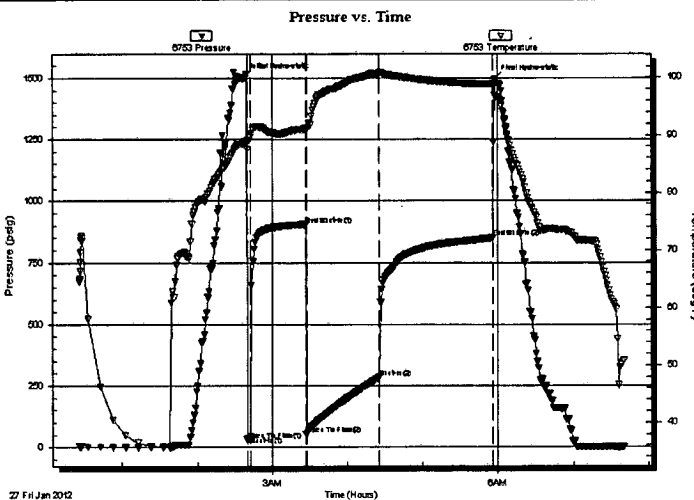
End Time:

07:40:55

Time On Btm: 2012.01.27 @ 02:37:56

Time Off Btm: 2012.01.27 @ 05:57:26

TEST COMMENT: IF-4.5in blow
IS-No blow
FF-BOB in 7min
FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1503.76	88.82	Initial Hydro-static
2	31.23	87.49	Open To Flow (1)
5	44.32	89.64	Shut-In(1)
49	904.23	91.00	End Shut-In(1)
50	53.70	91.01	Open To Flow (2)
108	283.69	100.68	Shut-In(2)
198	849.84	98.89	End Shut-In(2)
200	1494.04	96.87	Final Hydro-static

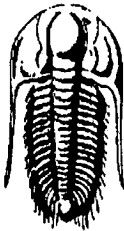
Recovery

Length (ft)	Description	Volume (bbl)
245.00	VSGOMCW 10%G 5%O 55%W 30%M	3.44
185.00	VSGOWCM 5%G 5%O 5%W 85%M	2.60

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy Inc.

4-9-19,Rooks,Ks

1475 N Ward Circle
Franktown, CO 80116

Holmes#1

Job Ticket: 46857

DST#: 2

ATTN: Neal lafon

Test Start: 2012.01.27 @ 00:25:56

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:

160000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 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
245.00	VSGOMCW 10%G 5%O 55%W 30%M	3.437
185.00	VSGOWCM 5%G 5%O 5%W 85%M	2.595

Total Length: 430.00 ft Total Volume: 6.032 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .09@45

