



KANSAS CORPORATION COMMISSION 1046342
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 # 5364
Name: Beren Corporation
Address 1: 2020 N. BRAMBLEWOOD
Address 2: _____
City: WICHITA State: KS Zip: 67206 + _____
Contact Person: Evan Mayhew
Phone: (316) 265-3311
CONTRACTOR: License # 34317
Name: BEREDCO LLC
Wellsite Geologist: Jim Hickman
Purchaser: Central Crude Corporation

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 #: _____

<u>07/29/2010</u>	<u>08/11/2010</u>	<u>09/02/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23570-00-00

Spot Description: _____
N2_S2_SE_SE Sec. 35 Twp. 33 S. R. 11 East West
340 Feet from North / South Line of Section
660 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Barber
Lease Name: Dean Well #: 5
Field Name: Roundup South

Producing Formation: Mississippi

Elevation: Ground: 1445 Kelly Bushing: 1458

Total Depth: 5120 Plug Back Total Depth: 5032

Amount of Surface Pipe Set and Cemented at: 431 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: 56000 ppm Fluid volume: 1800 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Bemco LLC

Lease Name: Cole SWD License #: 32613

Quarter SW Sec. 25 Twp. 32 S. R. 12 East West

County: Barber Permit #: D-19886

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: 11/08/2010
- Confidential Release Date: 11/07/2012
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NAOMI JAMES Date: 11/09/2010



1046342

Operator Name: Beren Corporation Lease Name: Dean Well #: 5

Sec. 35 Twp. 33 S. R. 11 East West County: Barber

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 checked="" type="checkbox"/> Yes <input 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: Dual Compensated Porosity Log Dual Induction Log Microresistivity log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached Attached
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	17.50	13.375	48	438	60/40POZ, CI A	350	8%gel3%cc1/4#flocele
Production	7.875	5.50	15.5	5078	60/40POZ, AA2	370	8% gel

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	-			
	-			

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
2	4596'-4607' & 4617'-4629'	2000 gals 10% MCA acid, 45 balls	4596'-4629
		271,000 gals slikwtr, 126,800# snd	4596'-4629

TUBING RECORD: Size: <u>2.875</u> Set At: <u>btm of MA @ 4567</u> Packer At: <u>no pkr</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or ENHR. <u>09/03/2010</u>	Producing Method: <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
Estimated Production Per 24 Hours	Oil Bbls. <u>20</u> Gas Mcf <u>250</u> Water Bbls. <u>300</u> Gas-Oil Ratio <u>12500</u> Gravity <u>35</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" 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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: <u>4596'-4629'</u>
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Form	ACO1 - Well Completion
Operator	Beren Corporation
Well Name	Dean 5
Doc ID	1046342

Tops

Heebner Sh.	3658	-2200
Douglas Sh.	3688	-2230
Lansing	3910	-2452
Hushpuckney Sh.	4370	-2912
Base KS City	4401	-2943
Altamont	4470	-3012
Pawnee	4515	-3057
Cherokee Sh.	4558	-3100
Mississippi	4596	-3138
Viola	4920	-3462
Simpson Sh.	5016	-3462
Simpson Snd.	5050	-3592



*Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner
Ward Loyd, Commissioner*

November 04, 2010

Evan Mayhew
Beren Corporation
2020 N. BRAMBLEWOOD
WICHITA, KS 67206

Re: ACO1
API 15-007-23570-00-00
Dean 5
SE/4 Sec.35-33S-11W
Barber County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Evan Mayhew



10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 02369 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>08-12-10</u> DISTRICT <u>PRATT</u>		NEW WELL <input type="checkbox"/> OLD WELL <input checked="" type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER <u>BEREN CORP.</u>		LEASE <u>DEAN</u> # <u>5</u> WELL NO.							
ADDRESS		COUNTY <u>BARBER</u> STATE <u>Ks</u>							
CITY STATE		SERVICE CREW <u>Sullivan, mclowry, whitney</u>							
AUTHORIZED BY		JOB TYPE: <u>CNW 5" casing</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED <u>08-11-10</u>	DATE	AM	TIME
<u>33708-70920</u>	<u>40</u>	<u>mm</u>				ARRIVED AT JOB	<u>08-11-10</u>	AM	<u>2200</u>
<u>19960-19978</u>	<u>40</u>	<u>mm</u>				START OPERATION	<u>08-12-10</u>	AM	<u>0450</u>
<u>19867</u>						FINISH OPERATION		AM	<u>0530</u>
						RELEASED	<u>08-12-10</u>	AM	<u>0615</u>
						MILES FROM STATION TO WELL			<u>40</u>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA-2 cmt	SK	220		3740 00
CP 103	60/40 doz cmt	SK	100		1,200 00
CC 200	Cmt gpt	lb	930		232 50
CC 102	cell gpt	lb	26		96 20
CC 201	oil soap	lb	1,322		985 74
CC 111	salt	lb	1,113		556 50
CF 607	latch down plug & Barite 5 1/2	SA	1		400 00
CF 1251	Mud fill shoe	FR	1		360 00
CF 1651	Turbobit	SA	12		1,320 00
CF 1901	BARIT	SA	1		290 00
E 101	Heavy Grit mudpie	mi	80		560 00
CE 240	Blending - mixing chem	SK	320		448 00
E 113	Bulk Belovial	TML	596		937 60
CE 206	Drill chande 500.60 00	SA	1		2,890 00
CF 504	plug contained Barite	SA	1		250 00
5003	Shovel Container	SA	1		175 00
E 100	Drill mudpie	mi	40		170 00
SUB TOTAL					

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		<u>7,975 8</u>

DLS

SERVICE REPRESENTATIVE <u>[Signature]</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO. _____	

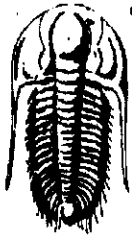
Customer: BERN CORP. Lease No. _____ Date: 08-12-10
 Lease: DEAN Well #: 5
 Field Order #: 2309 Station: PRATT Casing: 5 1/2 Depth: 3120' County: BARBER State: KS
 Type Job: CNW 5 1/2 long string Formation: _____ Legal Description: 35-33-11

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<u>5 1/2</u>				Pre Pad	Max		5 Min.	
Depth: <u>3080</u>	Depth	From	To	Pad	Min		10 Min.	
Volume: <u>120</u>	Volume	From	To	Frac	Avg		15 Min.	
Max Press: <u>2000</u>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection: <u>P.C.</u>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth: <u>3038</u>	Packer Depth	From	To					

Customer Representative: _____ Station Manager: DAVE SCOTT Treater: Robert Johnson

Service Units	<u>19867</u>	<u>33709</u>	<u>20920</u>	<u>19960</u>	<u>19718</u>				
Driver Names	<u>Seithman</u>	<u>Melson</u>		<u>Whitt</u>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>2200</u>					<u>on loc sett, n/s</u>
					<u>Run 120 STS 5 1/2 #15.5 CSR</u>
					<u>cont. 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23</u>
					<u>ended #12</u>
<u>0410</u>					<u>CASING on Bottom</u>
<u>0420</u>					<u>Hook Pk circ.</u>
<u>0440</u>	<u>300</u>		<u>5</u>	<u>4</u>	<u>St spacer</u>
			<u>20</u>	<u>5.5</u>	<u>mix SCALLOPPAN 50 st GULF, 202</u>
	<u>300</u>		<u>50</u>		<u>mix AA.2 cont 220 st</u>
					<u>shut down cont mix in wash, pump 2.4r</u>
					<u>Polycos Plug</u>
<u>0512</u>				<u>6</u>	<u>St Disp</u>
	<u>300</u>		<u>72</u>		<u>Lift Pk</u>
	<u>800</u>		<u>100</u>	<u>4</u>	<u>Slow Rates</u>
<u>0530</u>	<u>2,000</u>		<u>120</u>		<u>Plug down</u>
			<u>4</u>	<u>3</u>	<u>plus M.H. w/20 st GULF 202</u>
			<u>6</u>		<u>plus M.H. w/30 st GULF 202</u>
					<u>JOB Complete</u>
					<u>Thank you</u>



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Beren Corporation
P.O. Box 20380
Wichita, KS 67208-1380
ATTN: Jim Hickman

DEAN #5
35-33s-11w-BA-KS
Job Ticket: 38780 **DST#: 1**
Test Start: 2010.08.05 @ 17:42:00

Mud and Cushion Information

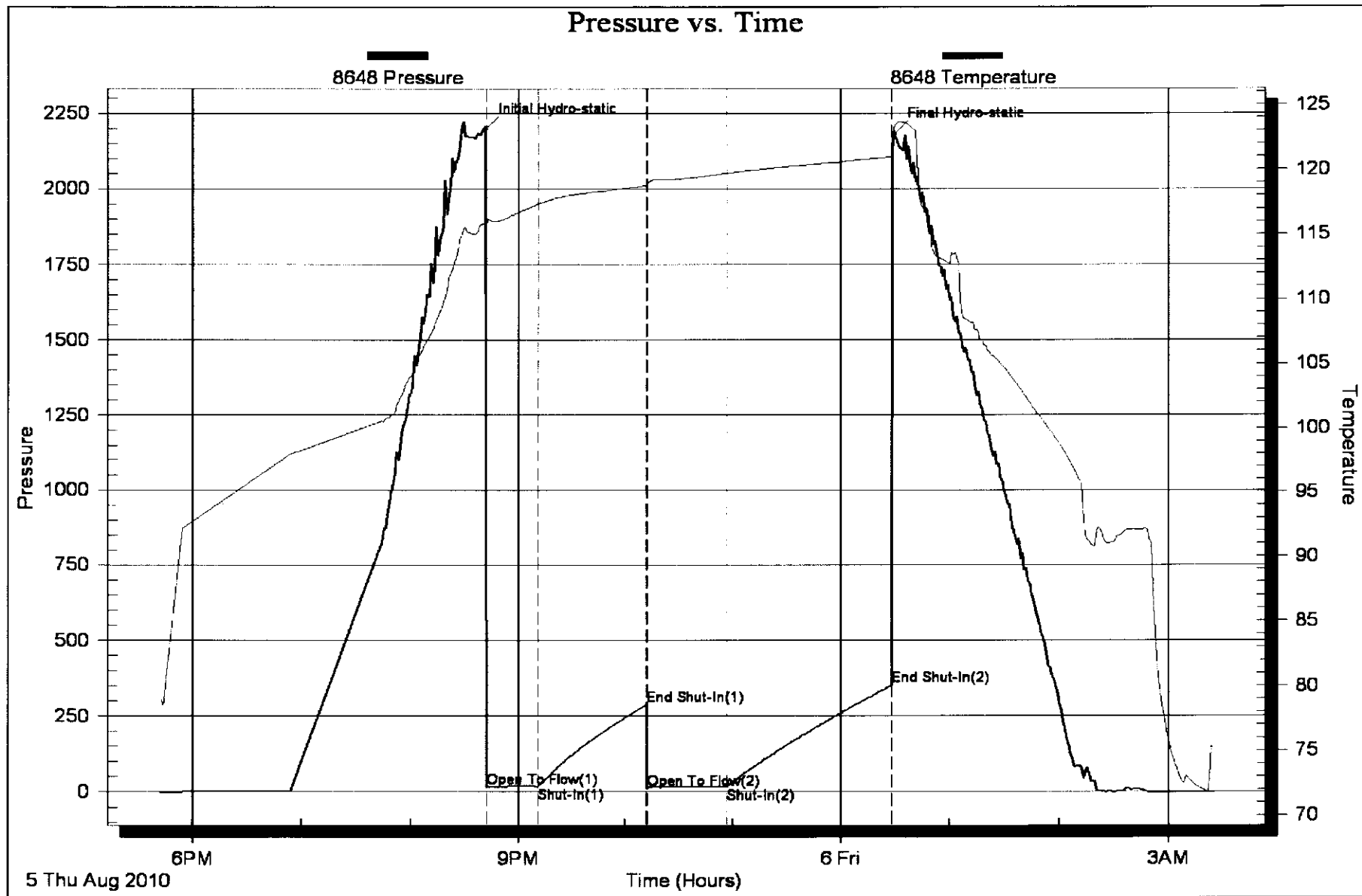
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5500.00 ppm			
Filter Cake: inches			

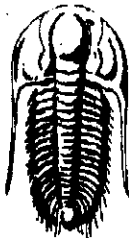
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Drilling Mud 100% _m	0.049
0.00	450' Gas In Pipe	0.000

Total Length: 10.00 ft Total Volume: 0.049 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Beren Corporation
 P.O. Box 20380
 Wichita, KS 67208-1380
 ATTN: Jim Hickman

DEAN #5
35-33s-11w-BA-KS
 Job Ticket: 38781 **DST#: 2**
 Test Start: 2010.08.06 @ 19:49:00

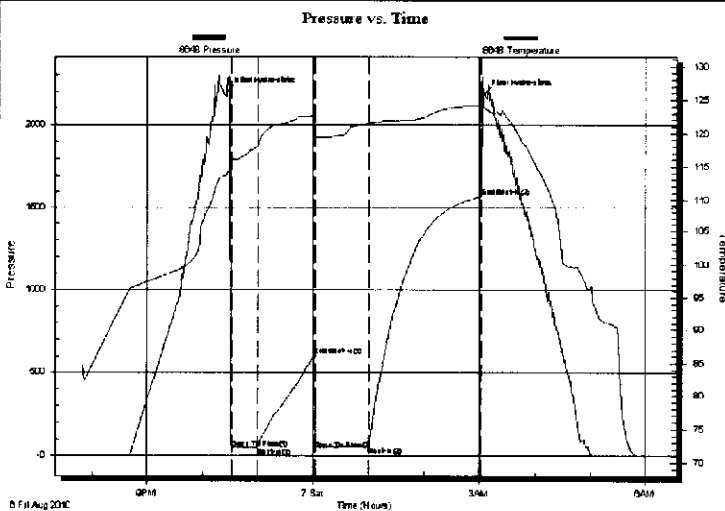
GENERAL INFORMATION:

Formation: **MISSISSIPPIAN**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 22:31:50
 Tester: Jake Fahrenbruch
 Time Test Ended: 06:04:19
 Unit No: 43
 Interval: **4585.00 ft (KB) To 4645.00 ft (KB) (TVD)**
 Reference Elevations: 1457.00 ft (KB)
 Total Depth: 4645.00 ft (KB) (TVD)
 1445.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good
 KB to GR/CF: 12.00 ft

Serial #: 8648 Inside
 Press@RunDepth: 55.43 psig @ 4587.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.08.06 End Date: 2010.08.07 Last Calib.: 2010.08.07
 Start Time: 19:49:05 End Time: 06:04:20 Time On Btm: 2010.08.06 @ 22:26:30
 Time Off Btm: 2010.08.07 @ 03:04:50

TEST COMMENT: IF: Strong blow, BOB 1 minute.
 IS: Bled off, no blow back.
 FF: Strong blow, BOB immediately, GTS 55 minutes, TSTM.
 FS: Bled off, no blow back.

PRESSURE SUMMARY



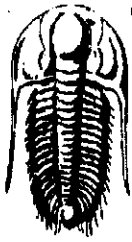
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2196.87	113.88	Initial Hydro-static
6	46.36	116.07	Open To Flow (1)
34	49.86	118.01	Shut-In(1)
95	604.00	122.71	End Shut-In(1)
95	35.87	120.03	Open To Flow (2)
154	55.43	121.45	Shut-In(2)
276	1571.70	124.19	End Shut-In(2)
279	2183.16	123.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
95.00	SGCM 5%g 95%m	0.47
0.00	GTS TSTM	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Beren Corporation

DEAN #5

P.O. Box 20380
Wichita, KS 67208-1380

35-33s-11w-BA-KS

Job Ticket: 38781

DST#: 2

ATTN: Jim Hickman

Test Start: 2010.08.06 @ 19:49:00

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
95.00	SGCM 5%g 95%m	0.467
0.00	GTS TSTM	0.000

Total Length: 95.00 ft Total Volume: 0.467 bbl

Num Fluid Samples: 0

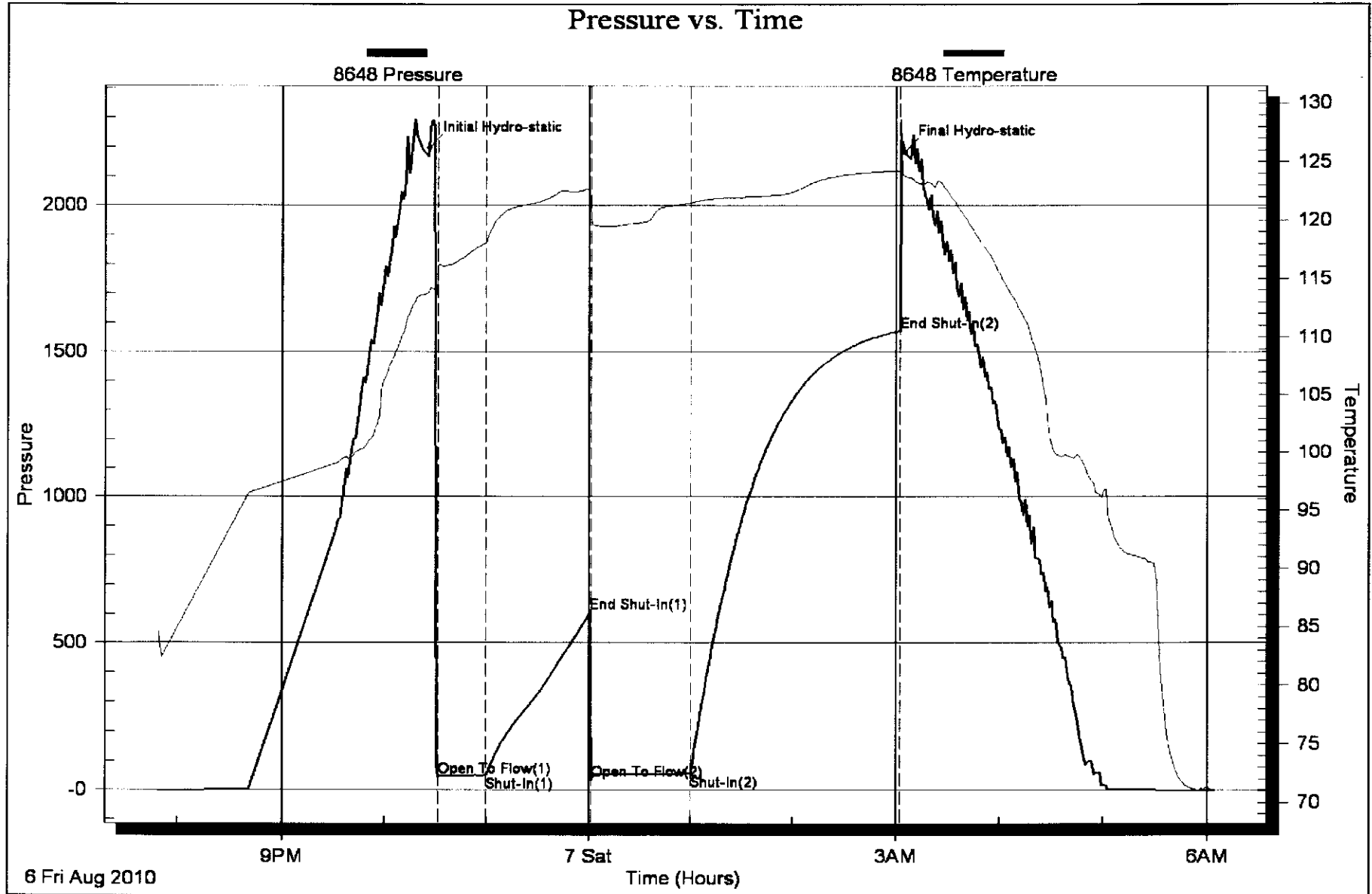
Num Gas Bombs: 0

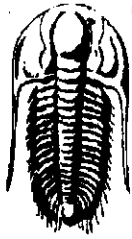
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Beren Corporation
 P.O. Box 20380
 Wichita, KS 67208-1380
 ATTN: Jim Hickman

DEAN #5
35-33s-11w-BA-KS
 Job Ticket: 38782 **DST#: 3**
 Test Start: 2010.08.08 @ 09:51:00

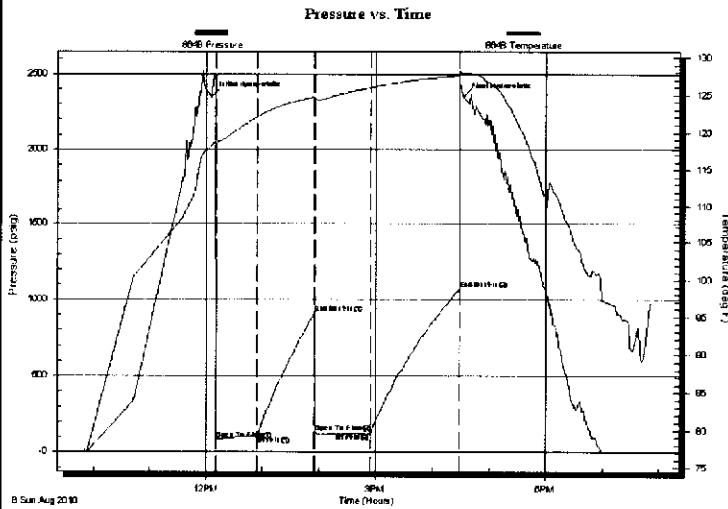
GENERAL INFORMATION:

Formation: **MISENER SAND**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:10:40
 Time Test Ended: 19:51:30
 Test Type: Conventional Bottom Hole
 Tester: Jake Fahrenbruch
 Unit No: 43
 Interval: **4790.00 ft (KB) To 4930.00 ft (KB) (TVD)**
 Reference Elevations: 1457.00 ft (KB)
 Total Depth: 4930.00 ft (KB) (TVD)
 1445.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good
 KB to GR/CF: 12.00 ft

Serial #: 8648 Inside
 Press@RunDepth: 124.72 psig @ 4793.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.08.08 End Date: 2010.08.08 Last Calib.: 2010.08.08
 Start Time: 09:51:05 End Time: 19:51:30 Time On Btm: 2010.08.08 @ 12:06:40
 Time Off Btm: 2010.08.08 @ 16:33:09

TEST COMMENT: IF: Fairly strong blow , BOB 19 minutes.
 IS: Bled off, no blow back.
 FF: Strong blow , BOB 5 seconds, No GTS.
 FS: Bled off, no blow back.

PRESSURE SUMMARY



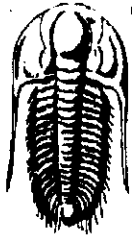
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2353.51	118.30	Initial Hydro-static
4	82.25	117.94	Open To Flow (1)
48	106.38	122.05	Shut-In(1)
109	909.68	124.72	End Shut-In(1)
110	126.92	124.55	Open To Flow (2)
168	124.72	125.96	Shut-In(2)
262	1068.65	127.63	End Shut-In(2)
267	2350.75	127.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
230.00	GCM 20%g 80%m	1.13
0.00	2800' Gas In Pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Beren Corporation

DEAN #5

P.O. Box 20380
Wichita, KS 67208-1380

35-33s-11w-BA-KS

Job Ticket: 38782

DST#: 3

ATTN: Jim Hickman

Test Start: 2010.08.08 @ 09:51:00

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
230.00	GCM 20%g 80%m	1.131
0.00	2800' Gas In Pipe	0.000

Total Length: 230.00 ft Total Volume: 1.131 bbl

Num Fluid Samples: 0

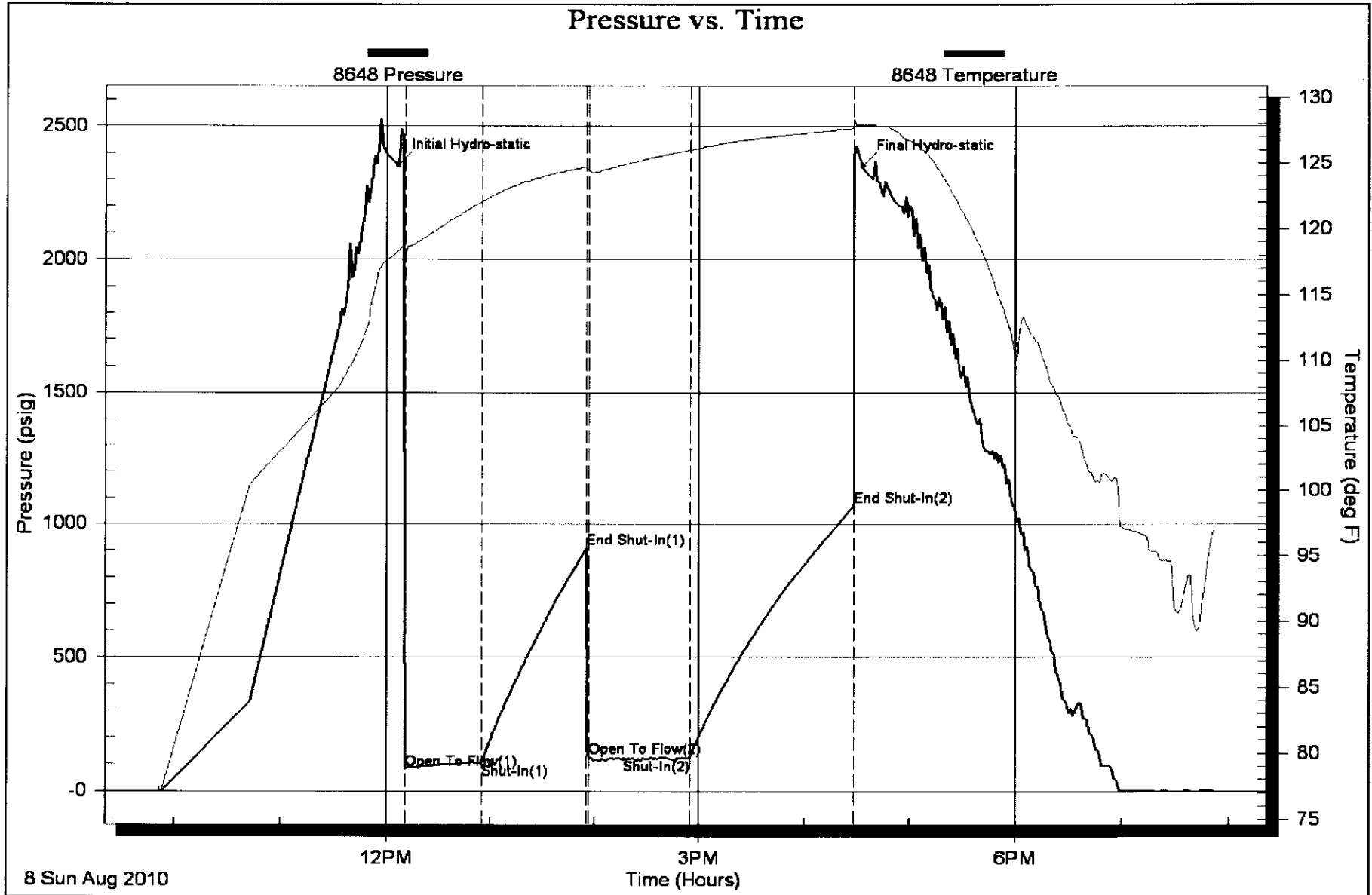
Num Gas Bombs: 0

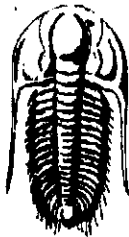
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Beren Corporation
P.O. Box 20380
Wichita, KS 67208-1380
ATTN: Jim Hickman

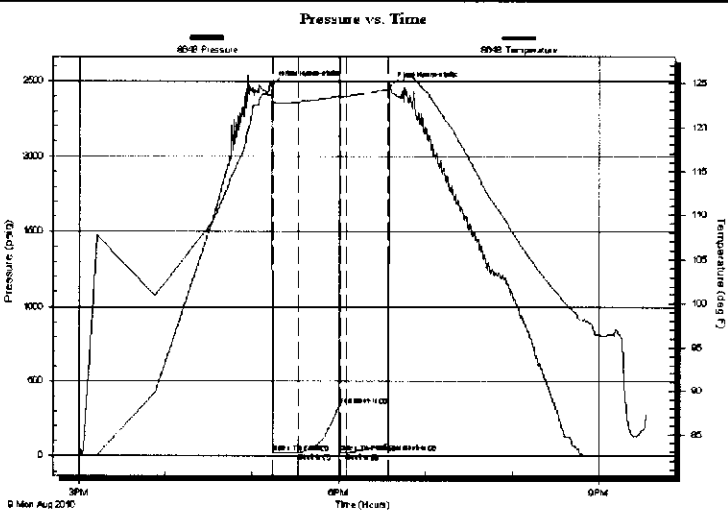
DEAN #5
35-33s-11w-BA-KS
Job Ticket: 38783 **DST#: 4**
Test Start: 2010.08.09 @ 15:01:00

GENERAL INFORMATION:

Formation: **SIMPSON**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:14:20
Time Test Ended: 21:33:00
Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 43
Interval: **5014.00 ft (KB) To 5048.00 ft (KB) (TVD)**
Reference Elevations: 1457.00 ft (KB)
Total Depth: 5048.00 ft (KB) (TVD) 1445.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 12.00 ft

Serial #: 8648 Inside
Press@RunDepth: 23.95 psig @ 5015.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.08.09 End Date: 2010.08.09 Last Calib.: 2010.08.09
Start Time: 15:01:05 End Time: 21:32:59 Time On Btm: 2010.08.09 @ 17:14:10
Time Off Btm: 2010.08.09 @ 18:35:10

TEST COMMENT: IF: Very weak surface blow, dead after 4 minutes.
IS: No blow.
FF: No blow.
FS: No blow.



PRESSURE SUMMARY

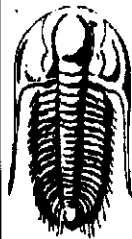
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2468.91	123.58	Initial Hydro-static
1	20.63	122.36	Open To Flow (1)
18	23.09	122.89	Shut-In(1)
47	340.42	123.56	End Shut-In(1)
47	23.45	123.37	Open To Flow (2)
52	23.95	123.52	Shut-In(2)
80	81.49	124.26	End Shut-In(2)
81	2466.00	125.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drilling Mud 100% m	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Beren Corporation
P.O. Box 20380
Wichita, KS 67208-1380
ATTN: Jim Hickman

DEAN #5
35-33s-11w-BA-KS
Job Ticket: 38783 **DST#: 4**
Test Start: 2010.08.09 @ 15:01:00

Mud and Cushion Information

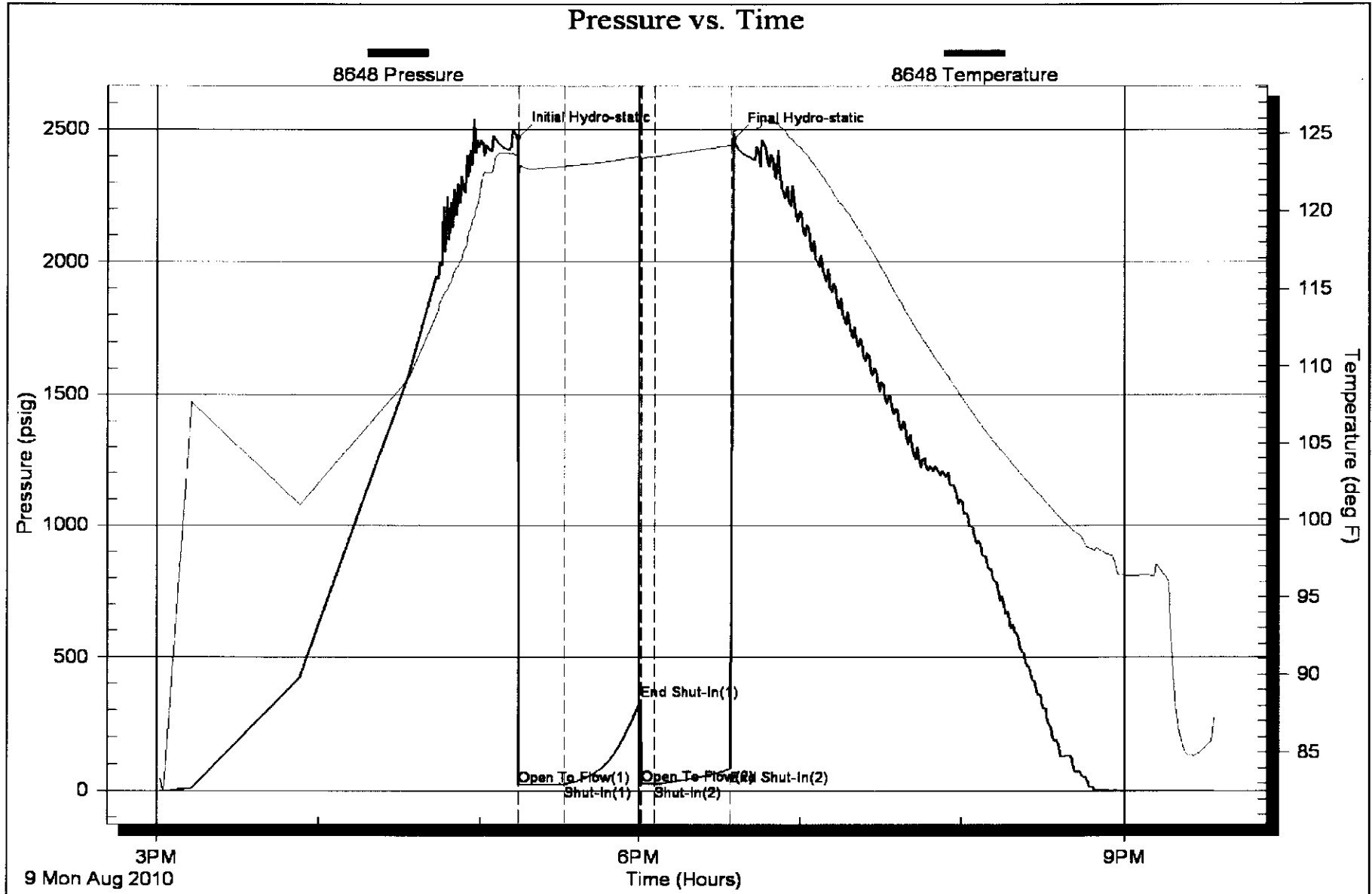
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: inches			

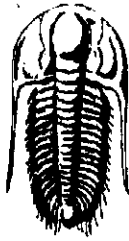
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drilling Mud 100% _m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Beren Corporation
P.O. Box 20380
Wichita, KS 67208-1380
ATTN: Jim Hickman

DEAN #5
35-33s-11w-BA-KS
Job Ticket: 38784 **DST#: 5**
Test Start: 2010.08.10 @ 08:57:00

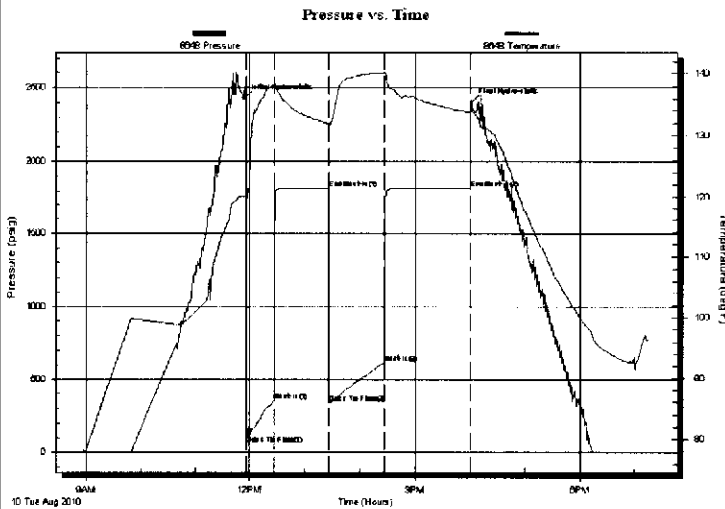
GENERAL INFORMATION:

Formation: **SIMPSON**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:56:30
Time Test Ended: 19:17:10
Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 43
Interval: **5015.00 ft (KB) To 5053.00 ft (KB) (TVD)**
Reference Elevations: 1457.00 ft (KB)
Total Depth: 5053.00 ft (KB) (TVD) 1445.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 12.00 ft

Serial #: 8648 Inside
Press@RunDepth: 614.97 psig @ 5016.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.08.10 End Date: 2010.08.10 Last Calib.: 2010.08.10
Start Time: 08:57:05 End Time: 19:17:10 Time On Btm: 2010.08.10 @ 11:53:50
Time Off Btm: 2010.08.10 @ 16:01:20

TEST COMMENT: IF: Fairly strong blow, increased to BOB in 11.5 minutes.
IS: Bled off, weak surface blow back.
FF: Fairly strong blow, increased to BOB in 11.5 minutes.
FS: Bled off, weak blow back built to 1" in

PRESSURE SUMMARY



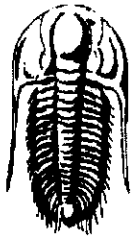
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2426.72	120.06	Initial Hydro-static
3	56.39	118.85	Open To Flow (1)
33	351.45	138.15	Shut-In(1)
93	1819.87	131.90	End Shut-In(1)
93	336.15	131.48	Open To Flow (2)
153	614.97	140.18	Shut-In(2)
247	1818.82	133.81	End Shut-In(2)
248	2400.01	134.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
825.00	Water 100%w	6.38
375.00	GCW&M 10%g 40%w 50%m	5.26
0.00	450' GIP	0.00
0.00	92,000 ppm chlorides.	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Beren Corporation
P.O. Box 20380
Wichita, KS 67208-1380
ATTN: Jim Hickman

DEAN #5
35-33s-11w-BA-KS
Job Ticket: 38784 **DST#: 5**
Test Start: 2010.08.10 @ 08:57:00

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:	92000 ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 12.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 9500.00 ppm			
Filter Cake: inches			

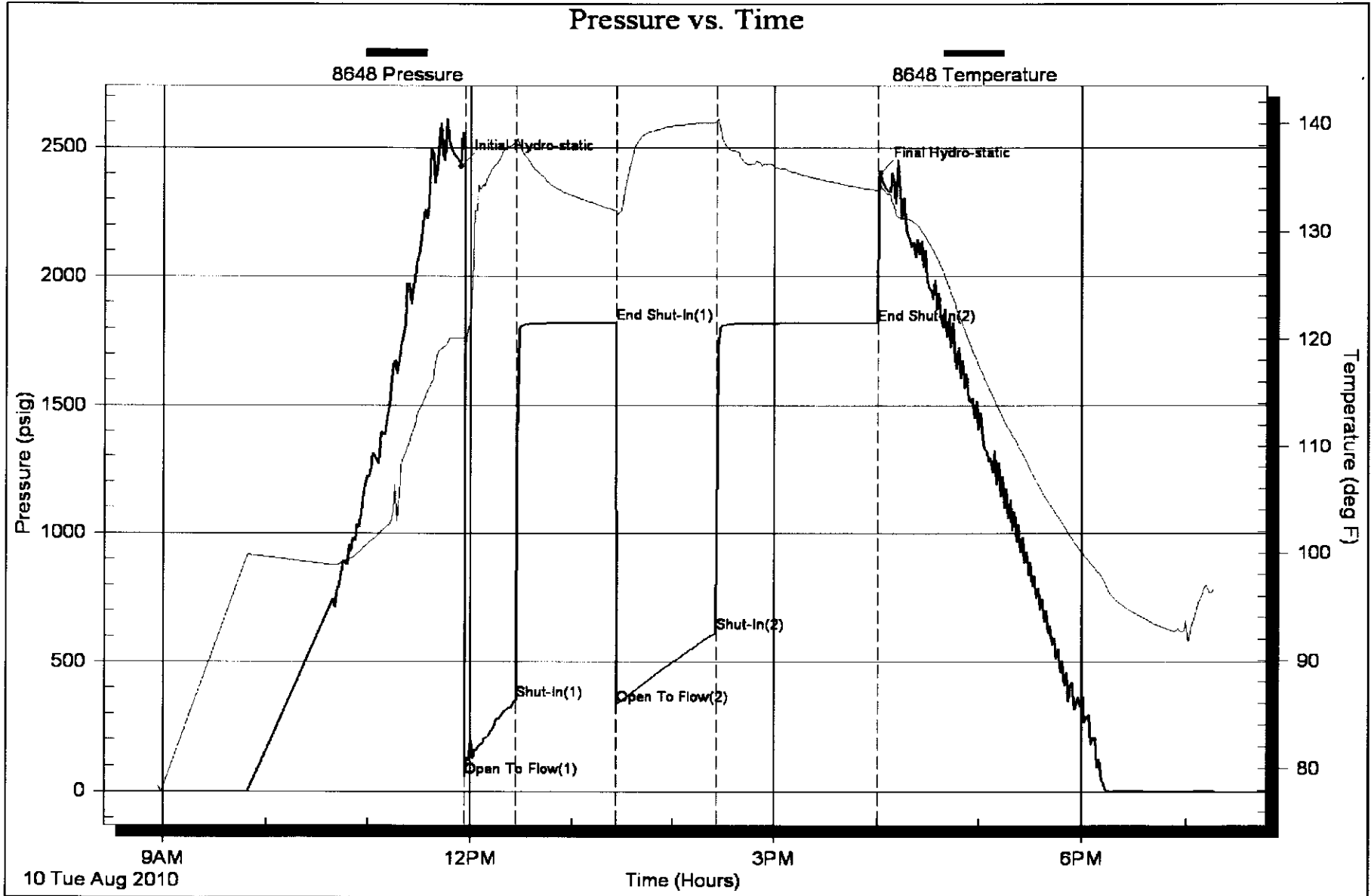
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
825.00	Water 100%w	6.380
375.00	GCW&M 10%g 40%w 50%m	5.260
0.00	450' GP	0.000
0.00	92,000 ppm chlorides.	0.000

Total Length: 1200.00 ft Total Volume: 11.640 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:



MUD LOG

WellSight Systems

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: DEAN #5
 Location: N2 S2 SE SE Section 35-T33S-11W
 License Number: API 15-007-23570
 Spud Date: 11:00 AM July 29, 2010
 Surface Coordinates: 340' FSL 660 FEL Section 35

Region: Barber Co., KS
 Drilling Completed: 3:18 AM August 11, 2010

Bottom Hole Coordinates:

Ground Elevation (ft): 1445 K.B. Elevation (ft): 1458
 Logged Interval (ft): 3500 To: 5120 Total Depth (ft): 5120
 Formation:
 Type of Drilling Fluid: CHEMICAL

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Beren Corporation
 Address: P. O. Box 20380
 Wichita KS 67280

GEOLOGIST

Name: Jim Hickman
 Company: Beren Corp.
 Address: 2601 NW Expressway Ste 1100E
 Oklahoma City, OK 73112

Cores




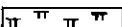
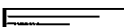






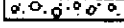

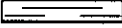

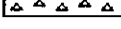


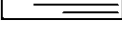
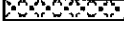
DSTs

PAWNEE 4499-4525, MISSISSIPPIAN 4585-4645, MISENER-VIOLA 4790-4930, SIMPSON 5014-5048, SIMPSON 5015-5053













Comments

Ran Log-Tech Dual Induction, Neutron-Density Porosity, and Microlog on 8/11/2010

ROCK TYPES

 Anhy	 Clyst	 Gyp	 Mrlst	 Shgy
 Bent	 Coal	 Igne	 Salt	 Sltst
 Brec	 Congl	 Lmst	 Shale	 Ss
 Cht	 Dol	 Meta	 Shcol	 Till

ACCESSORIES

MINERAL	 Gyp	FOSSIL	 Ostra	 Sltstrg
 Anhy	 Hvymin	 Algae	 Pelec	 Ssstrg
 Arggm	 Kaol	 Amph	 Pellet	