

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5363
Name: Berexco Inc.
Address 1: PO Box 20380
Address 2: _____
City: Wichita State: KS Zip: 67208 + _____
Contact Person: Jeremy Ensz
Phone: (316) 265-3311
CONTRACTOR: License # 34317
Name: Beredco LLC
Wellsite Geologist: Ganganath Koralegedara
Purchaser: Central Crude Corp.
Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover
 Oil _____ SWD _____ SLOW
_____ Gas _____ ENHR _____ SIGW
_____ CM (Coal Bed Methane) _____ Temp. Abd.
_____ Dry _____ Other _____
(Core, WSW, Expl., Cathodic, 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 _____ Plug Back Total Depth
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
7/7/09 _____ 7/12/09 _____ 12/18/09
Spud Date or _____ Date Reached TD _____ Completion Date or
Recompletion Date _____ Recompletion Date

API No. 15 - 083-21586 ~~70000~~ ^{11/15/10}
Spot Description: _____
W/2 _E/2 _E/2_ Sec. 21 Twp. 23 S. R. 24 East West
2525 Feet from North / South Line of Section
1097 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Hodgeman
Lease Name: Hart Unit Well #: 1
Field Name: Don West
Producing Formation: Mississippi
Elevation: Ground: 2358 Kelly Bushing: 2367
Total Depth: 4639 Plug Back Total Depth: 4639
Amount of Surface Pipe Set and Cemented at: 364 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1557 Feet
If Alternate II completion, cement circulated from: 1557
feet depth to: surface w/ 290 sx cmt.

Drilling Fluid Management Plan AH II NR 1-21-10
(Data must be collected from the Reserve Pit)
Chloride content: 6000 ppm Fluid volume: 750 bbls
Dewatering method used: Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: _____
Title: District Engineer Date: 1/13/10
Subscribed and sworn to before me this 15th day of January 2010
20 10
Notary Public: Diana E Bell
Date Commission Expires: Aug 10, 2011

DIANA E. BELL
Notary Public - State of Kansas
My Appt. Expires 8-10-11

KCC Office Use ONLY
 NO LOGS REC'D.
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received

UIC Distribution
RECEIVED
JAN 14 2010

KCC WICHITA

Operator Name: Berexco Inc. Lease Name: Hart Unit Well #: 1
 Sec. 21 Twp. 23 S. R. 24 East West County: Hodgeman

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets) 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 (Submit Copy) List All E. Logs Run: DIL, CNL/CDL, BHCS, MEL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Base Anhydrite</td> <td>1577</td> <td>+790</td> </tr> <tr> <td>Heebner</td> <td>3903</td> <td>-1536</td> </tr> <tr> <td>Lansing</td> <td>3954</td> <td>-1587</td> </tr> <tr> <td>Pawnee</td> <td>4456</td> <td>-2089</td> </tr> <tr> <td>Cherokee Shale</td> <td>4548</td> <td>-2181</td> </tr> </tbody> </table>	Name	Top	Datum	Base Anhydrite	1577	+790	Heebner	3903	-1536	Lansing	3954	-1587	Pawnee	4456	-2089	Cherokee Shale	4548	-2181
Name	Top	Datum																	
Base Anhydrite	1577	+790																	
Heebner	3903	-1536																	
Lansing	3954	-1587																	
Pawnee	4456	-2089																	
Cherokee Shale	4548	-2181																	

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	12.25"	8.625"	20	364	common	250	2% gel, 3% cc
Production	7.875"	5.5"	14	4634	see attached	540	see attached

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 (Amount and Kind of Material Used)	Depth
	N/A	N/A	4634-39

TUBING RECORD:	Size: <u>2-7/8</u>	Set At: <u>4625</u>	Packer At: <u>N/A</u>	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	KCC WICHITA
Date of First, Resumed Production, SWD or Enhr. <u>12/18/09</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>0</u>	Water Bbls. <u>225</u>	Gas-Oil Ratio	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 checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4634-39</u>
--	---	--

ALLIED CEMENTING CO., LLC. 043641

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Oakley
7-7-09

DATE <u>7-6-09</u>	SEC. <u>21</u>	TWP. <u>23s</u>	RANGE <u>24w</u>	CALLED OUT	ON LOCATION <u>7:30 p.m.</u>	JOB START <u>3:00 p.m.</u>	JOB FINISH <u>3:30 p.m.</u>
LEASE <u>Hart unit</u>	WELL # <u>1</u>	LOCATION <u>Jetmore</u>		<u>LS 4W 3N</u>		COUNTY <u>Hodgeman</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)		<u>E into</u>					

CONTRACTOR Beredco Rig 10

TYPE OF JOB surface

HOLE SIZE 12 1/4 T.D. 366'

CASING SIZE 8 5/8 DEPTH 366'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15

PERFS. _____

DISPLACEMENT 22.81 BBL

OWNER same

CEMENT AMOUNT ORDERED 250 sks com

3% cc 2% gel

COMMON	<u>250 sks</u>	@	<u>13.65</u>	<u>3412.50</u>
POZMIX		@		
GEL	<u>5 sks</u>	@	<u>20.40</u>	<u>102.00</u>
CHLORIDE	<u>9 sks</u>	@	<u>57.15</u>	<u>514.35</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>250 sks</u>	@	<u>2.10</u>	<u>525.00</u>
MILEAGE	<u>10 sk/mile</u>			<u>650.00</u>
				TOTAL <u>5203.85</u>

EQUIPMENT

PUMP TRUCK # 422 CEMENTER Andrew
HELPER Wayne

BULK TRUCK # 399 DRIVER Alan

BULK TRUCK # _____ DRIVER _____

REMARKS:

Cement did circulate

Thank you

CHARGE TO: Berexco Inc

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 366

PUMP TRUCK CHARGE 999.00

EXTRA FOOTAGE _____

MILEAGE 26 miles @ 7.00 182.00

MANIFOLD _____ @ _____

RECEIVED _____ @ _____

JAN 14 2010

TOTAL 1181.00

KCC WICHITA

PLUG & FLOAT EQUIPMENT

8 5/8

1 surface plug @ 62.00

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL 62.00

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS _____

PRINTED NAME Gilbert Davila Jr

SIGNATURE [Signature]

5103.07

ALLIED CEMENTING CO., LLC. 044249

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
OAKLEY

DATE <u>7-13-09</u>	SEC. <u>21</u>	TWP. <u>23S</u>	RANGE <u>24W</u>	CALLED OUT	ON LOCATION <u>9:30 PM</u>	JOB START <u>7:30 AM</u>	JOB FINISH <u>9:00 AM</u>
LEASE <u>HART UNET</u>		WELL # <u>1</u>	LOCATION <u>JETMORE 65-4W-2 1/2 N-1/2 E</u>		COUNTY <u>HODGEMAN</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Beredco DR29 #10 OWNER SAM Z
 TYPE OF JOB Production string "Two stage"
 HOLE SIZE 7 7/8" T.D. 4633
 CASING SIZE 5 1/2" DEPTH 4634'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL D-V DEPTH 1557.40'
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 81.80'
 CEMENT LEFT IN CSG. 81.80'
 PERFS. _____
 DISPLACEMENT 73 BBLs WATER 38 BBLs MUD
 EQUIPMENT TOTAL 111 BBLs

PUMP TRUCK CEMENTER FERRY
 # 422 HELPER WAYNE
 BULK TRUCK DRIVER ALAN
 # 394
 BULK TRUCK DRIVER MAGO
 # 457-239

CEMENT	AMOUNT ORDERED	<u>100 SKS 60/40 6.2 GEL 1/4"</u>	
		<u>150 SKS ASC 10.2 SALT 2.0 GEL</u>	
		<u>375 SKS LATE 1/4" # FLO-SEAL</u>	
		<u>USED 290 SKS LATE 1/4" # FLO-SEAL</u>	
COMMON	<u>60 SKS</u>	@ <u>13.65</u>	<u>819.00</u>
POZMIX	<u>40 SKS</u>	@ <u>7.60</u>	<u>304.00</u>
GEL	<u>8 SKS</u>	@ <u>20.40</u>	<u>163.20</u>
CHLORIDE		@	
ASC	<u>150 SKS</u>	@ <u>16.85</u>	<u>2527.50</u>
LATE	<u>390 SKS</u>	@ <u>11.95</u>	<u>3459.70</u>
		@	
SALT	<u>15 SKS</u>	@ <u>23.55</u>	<u>353.25</u>
		@	
FLO-SEAL	<u>#73</u>	@ <u>2.45</u>	<u>178.25</u>
		@	
		@	
HANDLING	<u>536 SKS</u>	@ <u>2.10</u>	<u>1125.60</u>
MILEAGE	<u>104 PER SK/MI/E</u>		<u>2144.00</u>
			TOTAL <u>11075.10</u>

REMARKS:

RUN PIPE TO 4634' - HOOK UP & CIRCULATE TWO HRS. BOTTOM STAGE MIX 100 SKS 60/40 6.2 GEL 1/4" FLO-SEAL, 150 SKS ASC 10.2 SALT 2.0 GEL. WASH TRUCK & LENSE. DISPLACE 73 BBLs WATER 38 BBLs MUD. LAND PLUG AT 1450 PSI. OPEN D-V TOOL AT 1000 PSI. CIRCULATE 1 HR. MIX 15 SKS RHT HOLE, MIX 290 SKS LATE 1/4" FLO SEAL. WASH PUMP & LENSE. DISPLACE 38 BBLs WATER PLUG LANCED AT 1800 PSI. CEMENT DID CIRCULATE. THANK YOU

CHARGE TO: BEREXCO, INC.
 STREET _____
 CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME GERSTNER
 SIGNATURE [Signature]

SERVICE

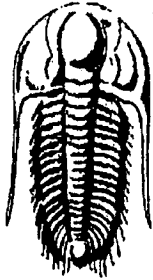
DEPTH OF JOB	<u>4634'</u>	
PUMP TRUCK CHARGE		<u>2144.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>40 MI/E</u>	@ <u>7.10</u> <u>280.00</u>
MANIFOLD	@	
RECEIVED	@	

JAN 14 2010 TOTAL 2424.00

KCC WICHITA

<u>5 1/2" PLUG & FLOAT EQUIPMENT</u>			
	<u>1- TRI-ALEX SHOE</u>		<u>1744.00</u>
B -	<u>71- CENTRALIZERS</u>	@ <u>35.00</u>	<u>385.00</u>
L -	<u>3- BASKET</u>	@ <u>186.00</u>	<u>558.00</u>
	<u>1- D-V TOOL</u>	@	<u>2832.00</u>
			TOTAL <u>5519.00</u>

SALES TAX (If Any) _____
 TOTAL CHARGES [Scribbled]
 DISCOUNT [Scribbled] IF PAID IN 30 DAYS
[Scribbled]
 15123.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Berexo Inc.**

PO Box 20380
Wichita Ks 67208

ATTN: Jeremy Ensz

21 23 24 Hodgeman KS

Hart Unit #1

Start Date: 2009.07.11 @ 15:19:01

End Date: 2009.07.11 @ 23:31:31

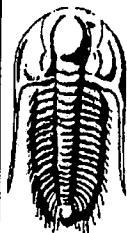
Job Ticket #: 36405 DST #: 1

RECEIVED
JAN 14 2010
KCC WICHITA

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexo Inc.

Hart Unit #1

PO Box 20380
Wichita Ks 67208

21 23 24 Hodgeman KS

ATTN: Jeremy Ensz

Job Ticket: 36405

DST#: 1

Test Start: 2009.07.11 @ 15:19:01

GENERAL INFORMATION:

Formation: Miss.
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:30:31
Time Test Ended: 23:31:31

Test Type: Conventional Bottom Hole
Tester: Brett Dickinson
Unit No: 44

Interval: 4596.00 ft (KB) To 4627.00 ft (KB) (TVD)
Total Depth: 4627.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:

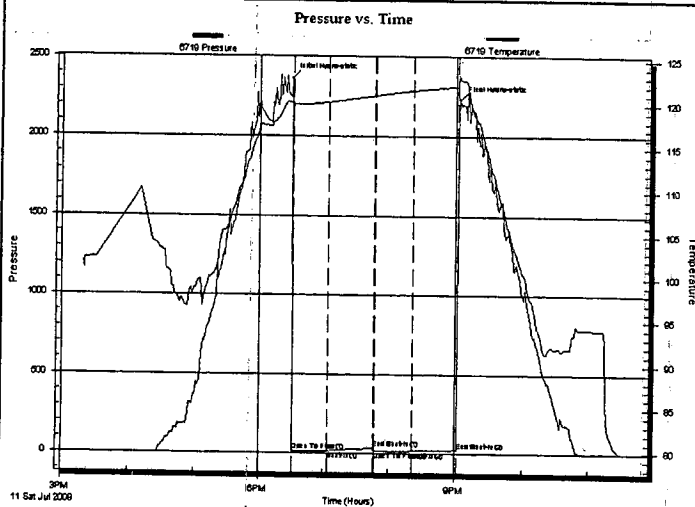
Reference Elevations: 2370.00 ft (KB)
2360.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6719

Press@RunDepth: 17.49 psig @ ft (KB)
Start Date: 2009.07.11 End Date: 2009.07.11
Start Time: 15:19:06 End Time: 23:31:30

Capacity: 7000.00 psig
Last Calib.: 2009.07.11
Time On Btm: 2009.07.11 @ 18:29:46
Time Off Btm: 2009.07.11 @ 21:03:31

TEST COMMENT: IF- very weak surface blow died in 12min
IS- no blow
FF- no blow
FS- no blow



PRESSURE SUMMARY

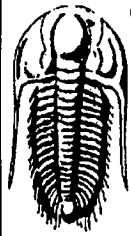
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2364.39	120.21	Initial Hydro-static
1	13.17	119.71	Open To Flow (1)
34	15.34	120.21	Shut-In(1)
77	33.19	120.95	End Shut-In(1)
78	16.56	120.95	Open To Flow (2)
113	17.49	121.55	Shut-In(2)
153	23.66	122.05	End Shut-In(2)
154	2231.85	123.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	VSOCM 5%O 95%M	0.02

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexo Inc.
PO Box 20380
Wichita Ks 67208
ATTN: Jeremy Enszt

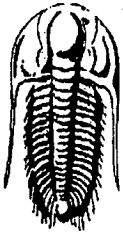
Hart Unit #1
21 23 24 Hodgeman KS
Job Ticket: 36405 **DST#: 1**
Test Start: 2009.07.11 @ 15:19:01

Tool Information

Drill Pipe:	Length: 4229.00 ft	Diameter: 3.34 inches	Volume: 45.83 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 367.00 ft	Diameter: 2.25 inches	Volume: 1.80 bbl	Weight to Pull Loose:	67000.00 lb
			<u>Total Volume:</u>	Tool Chased	ft
				String Weight: Initial	67000.00 lb
Drill Pipe Above KB:	21.00 ft			Final	67000.00 lb
Depth to Top Packer:	4596.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	31.00 ft				
Tool Length:	52.00 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			4576.00	
Shut In Tool	5.00			4581.00	
Hydraulic tool	5.00			4586.00	
Packer	5.00			4591.00	21.00 Bottom Of Top Packer
Packer	5.00			4596.00	
Stubb	1.00			4597.00	
Recorder	0.00	6669	Inside	4597.00	
Recorder	0.00	6672	Inside	4597.00	
Perforations	27.00			4624.00	
Bullnose	3.00			4627.00	31.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexo Inc.

Hart Unit #1

PO Box 20380
Wichita Ks 67208

21 23 24 Hodgeman KS

Job Ticket: 36405 **DST#: 1**

ATTN: Jeremy Ensz

Test Start: 2009.07.11 @ 15:19:01

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

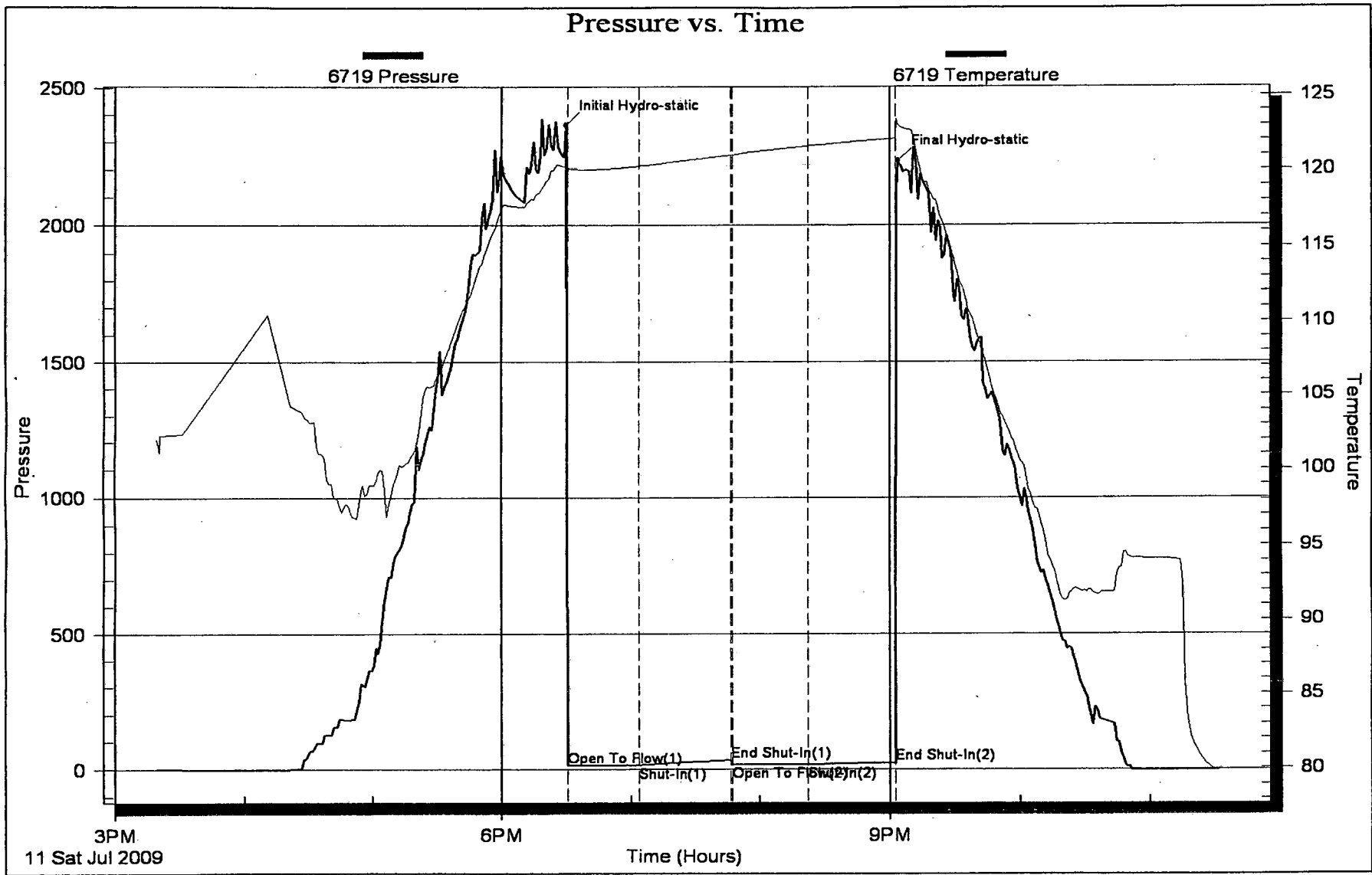
Length ft	Description	Volume bbl
5.00	VSOCM 5%O 95%M	0.025

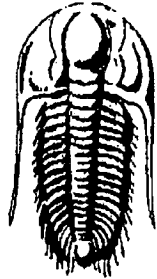
Total Length: 5.00 ft Total Volume: 0.025 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Berexo Inc.**

PO Box 20380
Wichita Ks 67208

ATTN: Jeremy Ensz

21 23 24 Hodgeman KS

Hart Unit #1

Start Date: 2009.07.12 @ 13:41:28

End Date: 2009.07.13 @ 00:24:13

Job Ticket #: 36406 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexo Inc.
PO Box 20380
Wichita Ks 67208
ATTN: Jeremy Ensz

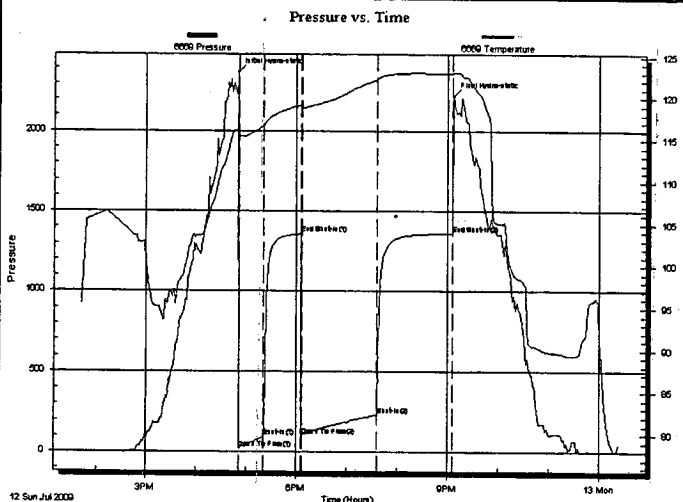
Hart Unit #1
21 23 24 Hodgeman KS
Job Ticket: 36406 **DST#: 2**
Test Start: 2009.07.12 @ 13:41:28

GENERAL INFORMATION:

Formation: **Miss.**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 16:50:43
Time Test Ended: 00:24:13
Interval: **4596.00 ft (KB) To 4639.00 ft (KB) (TVD)**
Total Depth: **4639.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition:
Test Type: **Conventional Bottom Hole**
Tester: **Brett Dickinson**
Unit No: **44**
Reference Elevations: **2370.00 ft (KB)**
2360.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6669 **Inside**
Press@RunDepth: **229.97 psig @ 4597.00 ft (KB)**
Start Date: **2009.07.12** End Date: **2009.07.13**
Start Time: **13:41:29** End Time: **00:24:13**
Capacity: **7000.00 psig**
Last Calib.: **2009.07.13**
Time On Btm: **2009.07.12 @ 16:49:43**
Time Off Btm: **2009.07.12 @ 21:06:58**

TEST COMMENT: IF- BOB in 17.5min
IS- .1in blow
FF-BOB in 24min
FSI-Very weak surface blow died in 14min



PRESSURE SUMMARY

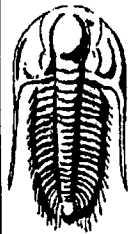
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2367.68	116.11	Initial Hydro-static
1	19.81	115.64	Open To Flow (1)
31	94.41	116.71	Shut-In(1)
76	1356.84	119.15	End Shut-In(1)
77	101.20	118.92	Open To Flow (2)
166	229.97	122.19	Shut-In(2)
257	1359.24	122.94	End Shut-In(2)
258	2218.64	123.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OCM 5%O 95%M	0.59
120.00	OCM 10%O 90%M	0.59
292.00	Free Oil 10%G 90%O	2.41
0.00	435ft GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexo Inc.
PO Box 20380
Wichita Ks 67208
ATTN: Jeremy Ensz

Hart Unit #1
21 23 24 Hodgeman KS
Job Ticket: 36406 **DST#: 2**
Test Start: 2009.07.12 @ 13:41:28

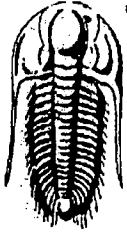
Tool Information

Drill Pipe:	Length: 4221.00 ft	Diameter: 3.34 inches	Volume: 45.74 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 367.00 ft	Diameter: 2.25 inches	Volume: 1.80 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4596.00 ft			Final 73000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	64.00 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			4576.00	
Shut In Tool	5.00			4581.00	
Hydraulic tool	5.00			4586.00	
Packer	5.00			4591.00	21.00 Bottom Of Top Packer
Packer	5.00			4596.00	
Stubb	1.00			4597.00	
Recorder	0.00	6669	Inside	4597.00	
Recorder	0.00	6672	Inside	4597.00	
Perforations	5.00			4602.00	
Change Over Sub	1.00			4603.00	
Blank Spacing	30.00			4633.00	
Change Over Sub	1.00			4634.00	
Perforations	2.00			4636.00	
Bullnose	3.00			4639.00	43.00 Bottom Packers & Anchor

Total Tool Length: 64.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexo Inc.

Hart Unit #1

PO Box 20380
Wichita Ks 67208

21 23 24 Hodgeman KS

Job Ticket: 36406

DST#: 2

ATTN: Jeremy Ensz

Test Start: 2009.07.12 @ 13:41:28

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
120.00	OCM 5%O 95%M	0.590
120.00	OCM 10%O 90%M	0.590
292.00	Free Oil 10%G 90%O	2.413
0.00	435ft GIP	0.000

Total Length: 532.00 ft

Total Volume: 3.593 bbf

Num Fluid Samples: 0

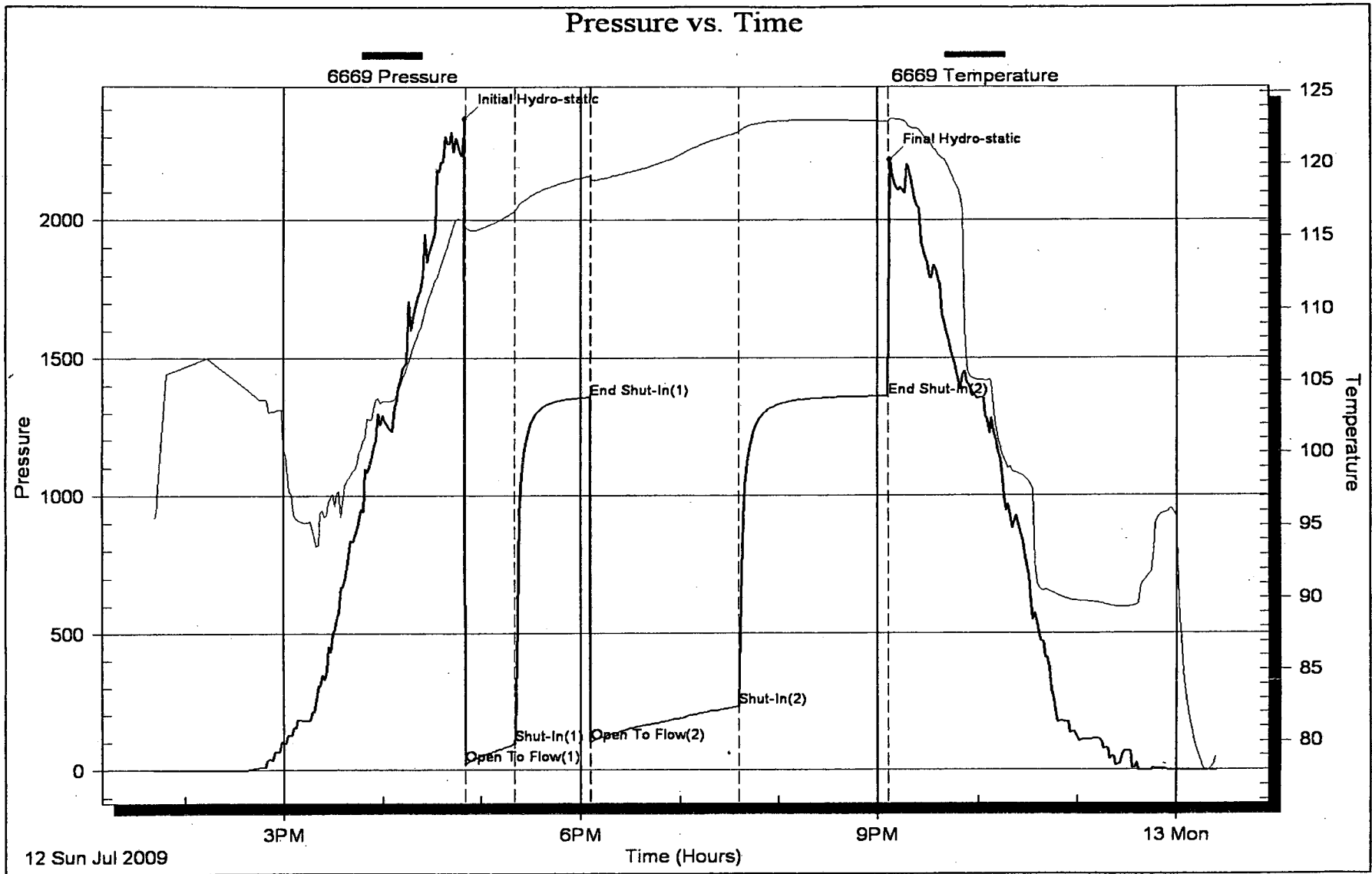
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



MUD LOG

WellSight Systems

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

Well Name: HART UNIT # 1	
Location: W/2 E/2 E/2 SEC 21 - 23S - 24W	
License Number: 15083215860000	Region: MIDCONTINENT
Spud Date: 07/07/2009	Drilling Completed:
Surface Coordinates: Lat 38.037077	
Long -99.957371	
Bottom Hole Coordinates:	
Ground Elevation (ft): 2358'	K.B. Elevation (ft): 2367'
Logged Interval (ft): To:	Total Depth (ft):
Formation: MISSISSIPPIAN	
Type of Drilling Fluid: CHEMICAL (BENTONITE) MUD	

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

OPERATOR

Company: BEREXCO INC.
Address: P.O. BOX 20380
WICHITA, KS
67206

RECEIVED
JAN 14 2010

GEOLOGIST

Name: GANGANATH KORALEGEDARA
Company: BEREXCO INC.
Address: P. O. BOX 20380
WICHITA, KS
67206

KCC WICHITA

TOPs

Sample Tops - HBNR 3907(-1540), LNSG 3956(-1589), BKC 4377(-2010), MRMN 4402(-2035), PWNE 4462(-2095), FTSC 4520(-2153), CHRK 4540(-2173), PBCG 4596(-2229), MSSP 4628(-2261), MSSP DOLO

DSTs

DST #1 4596-4627 5'VSOCM(5%Oil), ISIP 15# FSIP 17#
DST #2 4596-4639 435' GIP, 532' TF, 292' CGO + 120' OCM (10%O90%M)+120' OCM (5%O, 95%M) ISIP 1357# FSIP 1359#

Comments

ROCK TYPES

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

ACCESSORIES

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecrefrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau

-
-
-
-
-
-
-
-
-
-
-
-
-
-

- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

FOSSIL

-
-
-
-
-
-
-
-
-
-
-
-
-
-
-

-
-
-
-
-
-

- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

-
-

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst

OTHER SYMBOLS

POROSITY

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint

-

Vuggy

SORTING

- Well
- Moderate
- Poor

ROUNDING

- Rounded
- Subrnd
- Subang
- Angular

-

Spotted

-

Ques

-

Dead

EVENT

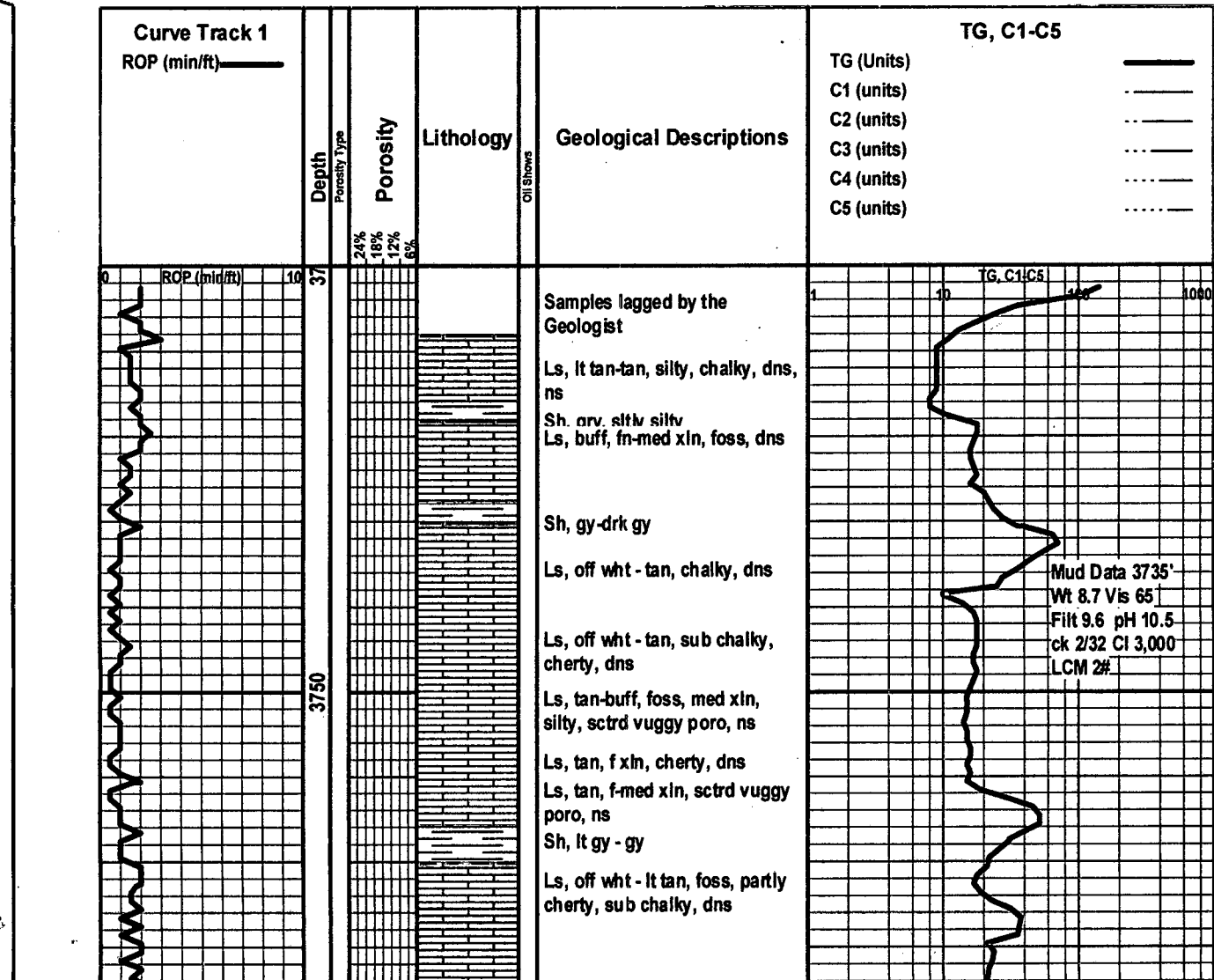
- Rft
- Sidewall

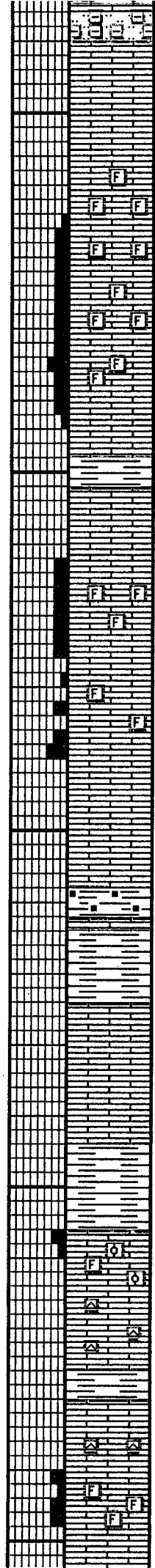
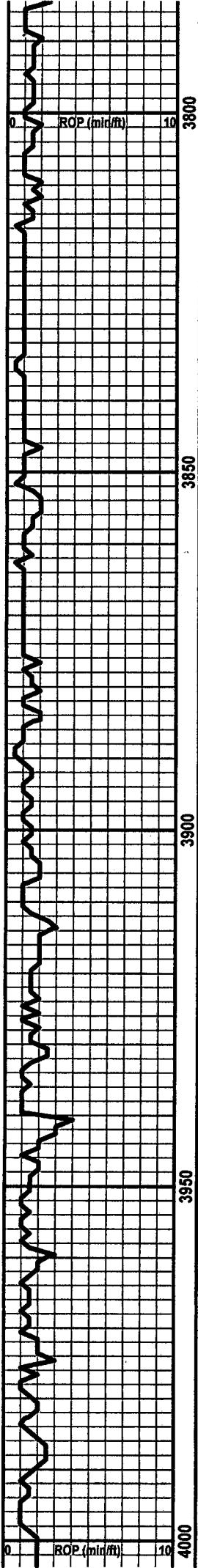
INTERVAL

-
-

OIL SHOW

-





Ss, cl, poorly sorted, shaly, glauconitic, ns

Ls, tan-buff, chalky, f xln, dns, few pieces of gy frsh, chrt

LS, buff, f-med xln, v foss, chalky, vuggy poro, ns

Ls, buff & tan, v foss, high vuggy poro, ns

Sh, lt grn/gy, silty, few clusters of Ss with calcite cement, dns, ns

Ls, buff, f-med xln, dns, stringers of gy Sh

Ls, buff-gy, v foss, partly chalky, vuggy poro, ns

Ls, buff, foss, f-med xln, sctrd vuggy poro, with strngs of gy sh

Ls, gy-buff, f-med xln, chalky, foss, vuggy poro, ns

Ls, lt gy, f xln, foss, hrd, dns

Sh, blk, carb

Ls, tan, f xln, dns

Sh, lt gy - gy, mix with silty, grn & vari colo sh

Ls, buff, f xln, cherty, dns

Ls, tan-lt brwn, foss, f-med xln, chalky, vuggy poro, ns

Sh, lt grn, gy, pyrtic, stingers of buff, fxln, pyrtic, dns, Ls

Ls, tan-lt tan, foss, oolic, med xln, oomoldic and vuggy poro, ns

Ls, lt grn-tan cherty, fxln, dns, few pieces of wht-gy fresh chert

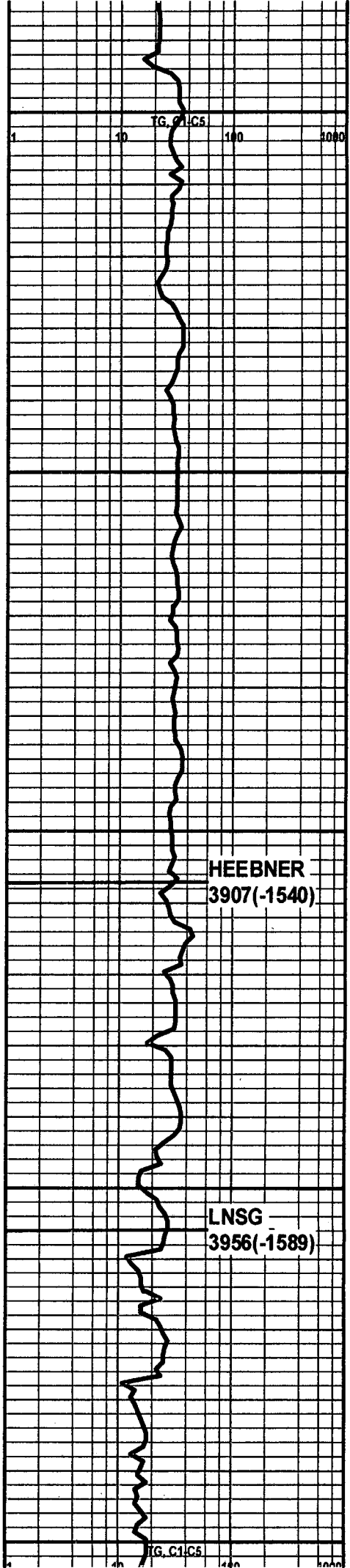
Sh, lt grn - gy

Ls, tan-buff, mix xln, partly sucro, with strng of drk gy sh,

Ls, lt grn-buff, f-med xln, sctrd foss, cherty, dns

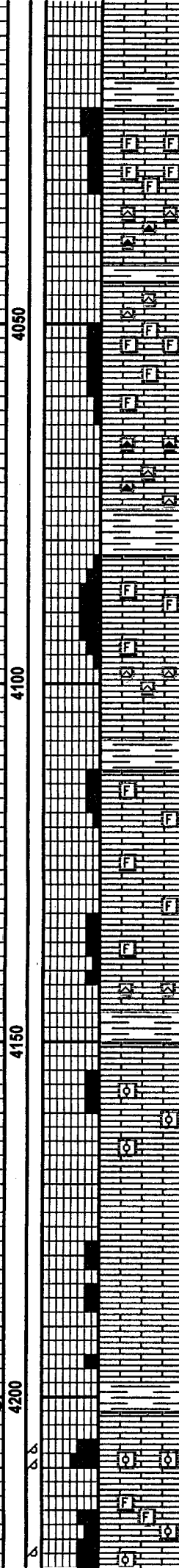
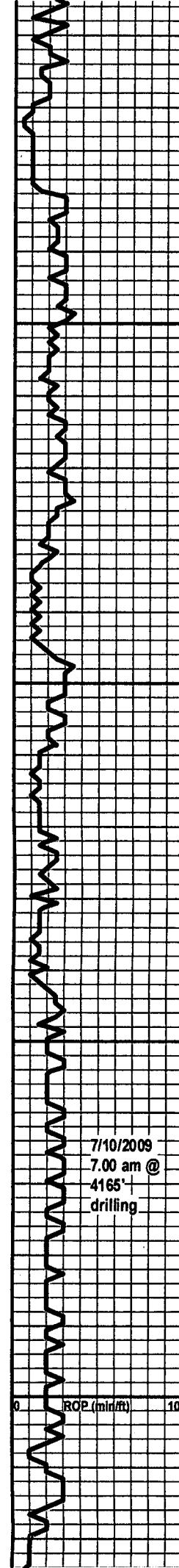
Ls, lt tan, f-med xln, foss, vuggy poro, ns

Ls, off wht, sucro-med xln,



HEEBNER
3907(-1540)

LNSG
3956(-1589)



cranky, vuggy poro, int bdd with gy, siltstone

Sh, grn, silty

Ls, tan & buff, sucro-fxln, foss, pp, vuggy poro, ns

Ls, wht & buff, fxln, cherty, dns, abnd frsh gy chert

Sh, grn-gy, grn silty

Ls, buff, med xln, cherty, dns

Ls, buff, med xln, v foss, vuggy poro, ns

Ls, lt tan-buff, med xln, cherty, dns, abnd wht & gy fresh chert

Sh, lt gy-gy

Ls, lt tan, sucro-f xln, foss, pp & vuggy poro, ns

Ls, buff, fxln, cherty, dns

Sh, lt gy-gy, silty

Ls, wht-lt tan, suc-med xln, foss, pp & vuggy poro, ns

Ls, lt tan, f-med xln, cherty, foss, intbdd with Ls aa

Ls, tan-lt grn, sucro-med xln, foss, vuggy & pp por, ns

Ls, lt tan, fxln, cherty, dns

Sh, blk, gy, blk, carb

Ls, tan, f xln, cherty, dns

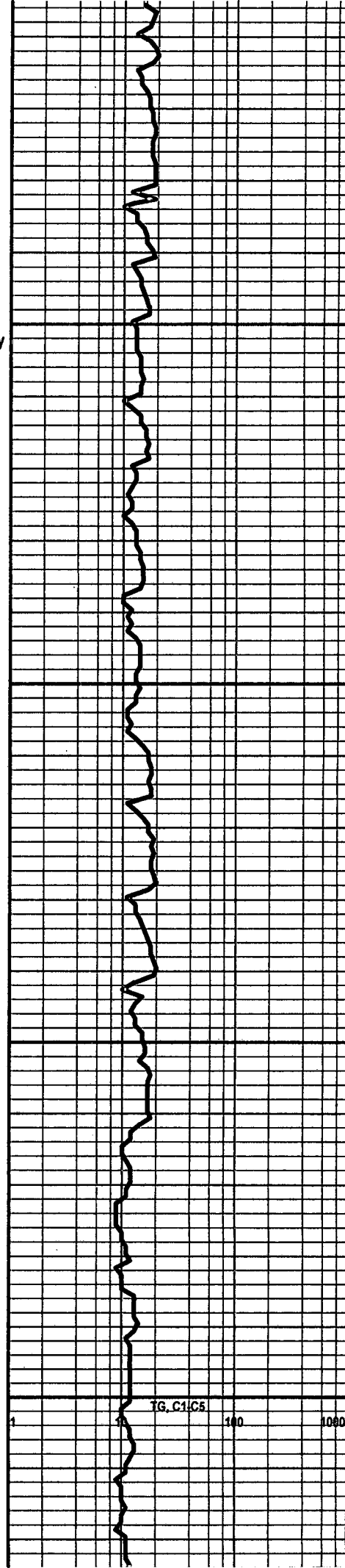
Ls, buff-lt tan, med xln, v foss, oolic, int xln & vuggy poro, ns

Ls, lt tan - off wht, f xln, cherty, scatrd pyritic, dns intr bdd with tan-buff, f-med xln, foss, Ls & very color sh

Sh, lt gy-grn, grn silty

Ls, tan, fxln, oolic, oomoldic poro, ns

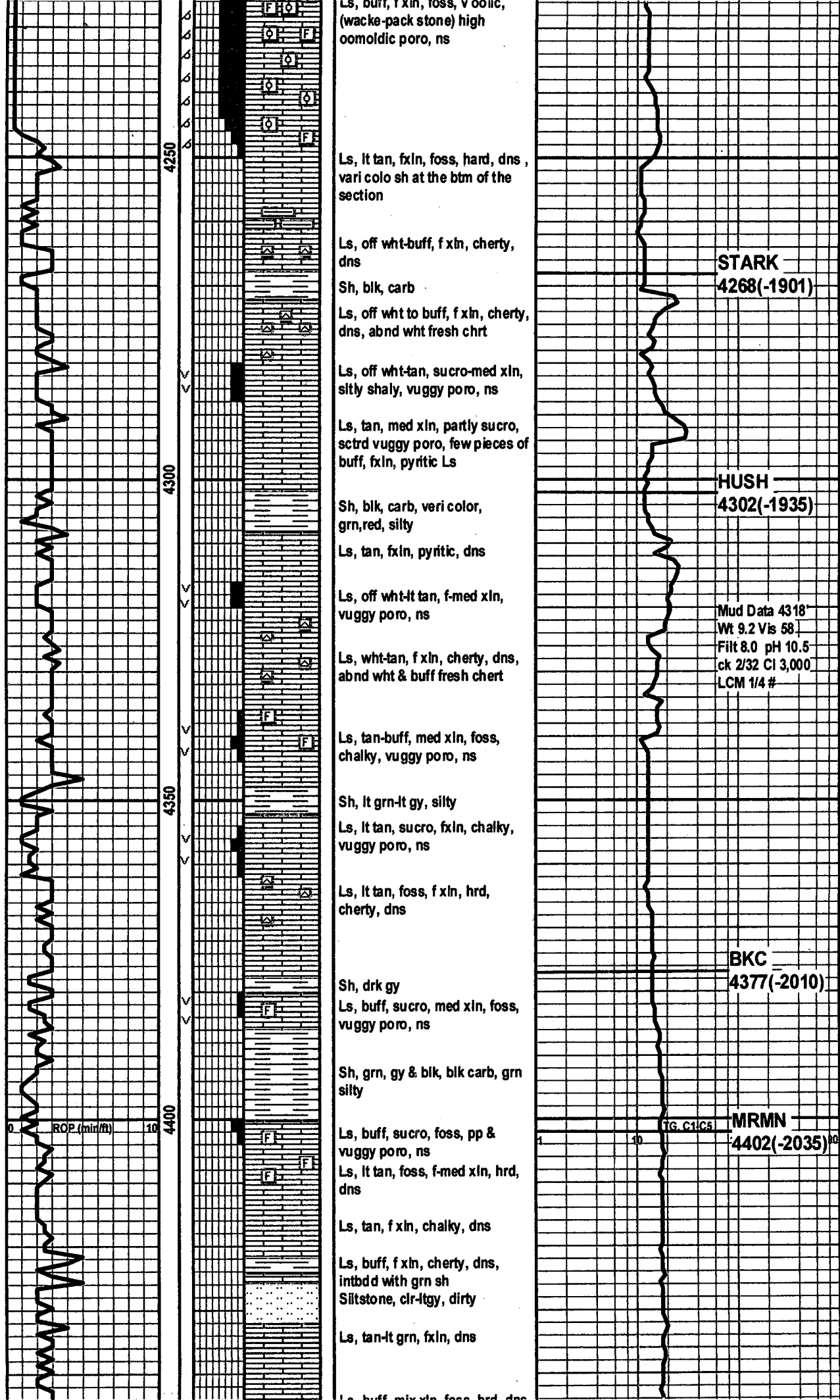
Ls, lt tan, vitr, fxln, cherty, dns



7/10/2009
7.00 am @
4165'
drilling

ROP (min/ft)

TG, C1/C5 100 1000



Ls, buff, f xln, foss, v oolic, (wacke-pack stone) high oomoldic poro, ns

Ls, lt tan, fxln, foss, hard, dns, vari colo sh at the btm of the section

Ls, off wht-buff, f xln, cherty, dns

Sh, blk, carb

Ls, off wht to buff, f xln, cherty, dns, abnd wht fresh chrt

Ls, off wht-tan, sucro-med xln, sltly shaly, vuggy poro, ns

Ls, tan, med xln, partly sucro, sctrd vuggy poro, few pieces of buff, fxln, pyritic Ls

Sh, blk, carb, veri color, grn, red, silty

Ls, tan, fxln, pyritic, dns

Ls, off wht-lt tan, f-med xln, vuggy poro, ns

Ls, wht-tan, f xln, cherty, dns, abnd wht & buff fresh chert

Ls, tan-buff, med xln, foss, chalky, vuggy poro, ns

Sh, lt grn-lt gy, silty

Ls, lt tan, sucro, fxln, chalky, vuggy poro, ns

Ls, lt tan, foss, f xln, hrd, cherty, dns

Sh, drk gy

Ls, buff, sucro, med xln, foss, vuggy poro, ns

Sh, grn, gy & blk, blk carb, grn silty

Ls, buff, sucro, foss, pp & vuggy poro, ns

Ls, lt tan, foss, f-med xln, hrd, dns

Ls, tan, f xln, chalky, dns

Ls, buff, f xln, cherty, dns, intbdd with grn sh Siltstone, clr-ltgy, dirty

Ls, tan-lt grn, fxln, dns

Ls, buff, mix xl, foss, hrd, dns

STARK
4268(-1901)

HUSH
4302(-1935)

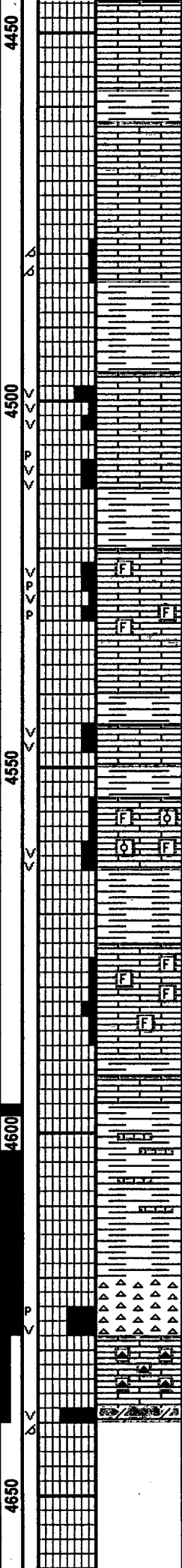
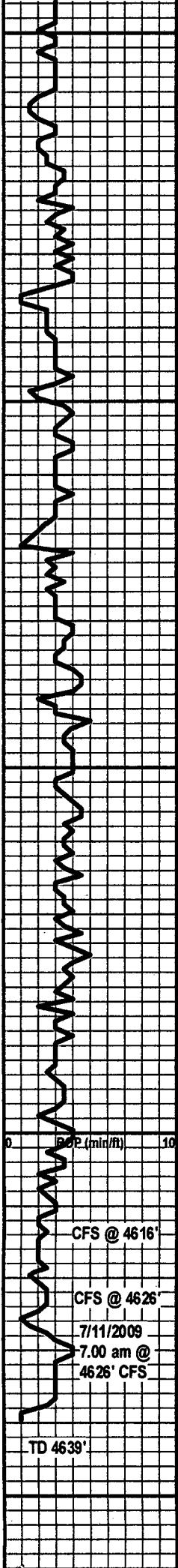
Mud Data 4318
Wt 9.2 Vis 58
Filt 8.0 pH 10.5
ck 2/32 Cl 3,000
LCM 1/4 #

BKC
4377(-2010)

MRMN
4402(-2035)⁸⁰

ROP (min/ft)

IG, C1/C5



Sh, grn & gy
 Ls, off wht-tan, mix xln, chalky, dns
 Ls, off wht-tan, fxln, cherty, dns
 Ls, off wht-tan, mix xln, chalky, dns
 Ls, buff, foss, oolic, oomoldic poro, ns
 Sh, blk, carb, gy & grn, pyritic
 Ls, lt grn, f-med xln, vuggy poro, ns
 Ls, buff, sucro, mix xln, pp & vuggy poro, ns
 Sh, blk, carb
 Ls, tan-buff, sucro-med xln, foss, pp & vuggy poro, ns
 Ls, buff, fxln, cherty, dns, with abnd fresh lt gy chert
 Sh, blk, carb
 Ls, tn-buff, fxln, vuggy oro, ns
 Sh, drk & lt gy
 Ls, buff, f-med xln, foss, oolic, vuggy poro, part chalky, ns
 Sh, grn-lt gy, silty
 Ls, buff, med xln, foss, vuggy poro, with drk gy sh strngs, ns
 Sh, drk gy
 Ls, fxln, hrd, dns, part cherty
 Sh, veri colo, with veri colo chert and veri colo, oolic, Ls, Ls with intxln & vuggy poro, ns
 Chert, fresh wht, some pieces with black oil stain
 Chert, triplotic, pp & vuggy poro, saturated with black oil,
 Ls, tan-buff, fxln, party cherty, hrd dns
 Dolo, tan-lt gy, fxln, party sucro, high vuggy & moldic poro, gd odor, show of free oil

PWNE
 4462(-2095)

75 unit Shale Gas

FTSC
 4520(-2153)

CHRK
 4540(-2173)

PBCG
 4598(-2231)

DST #1 4596-4627 TG, CACS
 15' VSOCM (5% Oil),
 ISIP 15# FSIP 17#

Mud Data 4627 200
 Wt 9.5 Vis 48
 Filt 8.8 pH 9.5
 ck 2/32 CI 5,000
 LCM 1/4 #

MSSP
 4621(-2254)

DST #2 4596-4639
 435' GIP, 532' TF,
 292' CGO + 120'
 OCM (10 o90m)+
 120' OCM (5o95m)-
 ISIP 1357# FSIP
 1359#

MSSP DOLO
 4637(-2270)

Mud Data 4639
 Wt 9.5 Vis 46
 Filt 10.8 pH 8.5
 ck 2/32 CI 6,000
 LCM 1/2 #

CFS @ 4616'
 CFS @ 4626'
 7/11/2009
 7.00 am @
 4626' CFS

TD 4639'