

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34318Name: BEREXCO LLCAddress 1: 2020 N. BRAMBLEWOOD

Address 2: _____

City: WICHITA State: KS Zip: 67206 + 1094Contact Person: Dana WreathPhone: (316) 265-3311CONTRACTOR: License # 34317Name: BEREDCO LLCWellsite Geologist: Ed Grieves

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 #: _____

<u>09/25/2010</u>	<u>10/05/2010</u>	<u>10/07/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-083-21673-00-00

Spot Description: _____

E2 NE NW SW Sec. 17 Twp. 23 S. R. 21 East West2,310 Feet from North / South Line of Section1,105 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

 NE NW SE SWCounty: HodgemanLease Name: Sheila Well #: 1Field Name: WildcatProducing Formation: MississippiElevation: Ground: 2365 Kelly Bushing: 2378Total Depth: 4710 Plug Back Total Depth: 4667Amount of Surface Pipe Set and Cemented at: 282 FeetMultiple Stage Cementing Collar Used? Yes NoIf yes, show depth set: 2850 FeetIf Alternate II completion, cement circulated from: 2850feet depth to: 0 w/ 325 sx cmt.**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 35000 ppm Fluid volume: 200 bblsDewatering 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: 01/06/2011
 Confidential Release Date: 01/05/2013
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
 ALT I II III Approved by: NAOMI JAMES Date: 04/12/2011

Operator Name: BEREXCO LLC Lease Name: Sheila Well #: 1
 Sec. 17 Twp. 23 S. R. 21 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 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
 Neutron Density Log
 Microresistivity Log

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	12.25	8.625	20	288	Common	180	3% CC, 2% gel
Production	7.875	5.50	15.5	4709	Lite & Common	350	10% salt 5# gils 2% gel
DV Tool	7.875	5.50	15.5	2850	Lite & Common	425	10% salt, 2% gel

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 (Amount and Kind of Material Used)	Depth
4	4644-4650.5 (Mississippi)	natural - no acid	4644-4650.5

TUBING RECORD: Size: <u>2.875</u> Set At: <u>SN @ 4402</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>02/03/2011</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>43</u> Gas Mcf <u>0</u> Water Bbls. <u>18</u> Gas-Oil Ratio _____ Gravity <u>33</u>

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4644-4650.5</u>
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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Sheila 1
Doc ID	1053490

Tops

Anhydrite	1496	+882
Heebner	3964	-1586
Lansing/KS City	4057	-1679
Hushpuckney shale	4342	-1964
Marmaton	4410	-2032
Altamont	4436	-2058
Pawnee	4488	-2110
Ft. Scott	4518	-2140
Cherokee shale	4552	-2174
Mississippi	4629	-2251
permiable Mississippi	4642	-2264
Total Depth	4711	-2333

Summary of Changes

Lease Name and Number: Sheila 1

API/Permit #: 15-083-21673-00-00

Doc ID: 1053490

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	01/07/2011	04/12/2011
Date or First or Resumed Production or SWD or Enhr Field Name		02/03/2011 Wildcat
Method Of Completion - Perf	No	Yes
Perf_Depth_1		4644-4650.5
Perf_Material_1		natural - no acid
Perf_Record_1		4644-4650.5 (Mississippi)
Perf_Shots_1		4
Plug Back Total Depth		4667
Producing Method Pumping	No	Yes

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Production - Barrels Oil		43
Production - Barrels of Water		18
Production - MCF Gas		0
Production - Oil Gravity		33
Production Interval #1		4644-4650.5
Save Link	../kcc/detail/operatorEditDetail.cfm?docID=1048949	../kcc/detail/operatorEditDetail.cfm?docID=1053490
Tubing Packer At		no pkr
Tubing Record - Set At		SN @ 4402
Tubing Size		2.875



CONFIDENTIAL

WELL COMPLETION FORM

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

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34318
 Name: BEREXCO LLC
 Address 1: 2020 N. BRAMBLEWOOD
 Address 2: _____
 City: WICHITA State: KS Zip: 67206 + 1094
 Contact Person: Dana Wreath
 Phone: (316) 265-3311
 CONTRACTOR: License # 34317
 Name: BEREDCO LLC
 Wellsite Geologist: Ed Grieves
 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 #: _____

<u>09/25/2010</u>	<u>10/05/2010</u>	<u>10/07/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-083-21673-00-00

Spot Description: _____
E2 NE NW SW Sec. 17 Twp. 23 S. R. 21 East West
2,310 Feet from North / South Line of Section
1,105 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Hodgeman
 Lease Name: Sheila Well #: 1
 Field Name: _____
 Producing Formation: Mississippi
 Elevation: Ground: 2365 Kelly Bushing: 2378
 Total Depth: 4710 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at: 282 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set: 2850 Feet
 If Alternate II completion, cement circulated from: 2850
 feet depth to: 0 w/ 325 sx cmt.

Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)

Chloride content: 35000 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: 01/06/2011

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: NAOMI JAMES Date: 01/07/2011



1048949

Operator Name: BEREXCO LLC Lease Name: Sheila Well #: 1

Sec. 17 Twp. 23 S. R. 21 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 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: <small>Dual Induction Log Neutron Density Log Microresistivity Log</small>	<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	12.25	8.625	20	288	Common	180	3% CC, 2% gel
Production	7.875	5.50	15.5	4709	Lite & Common	350	10%salt5#gils2%gel
DV Tool	7.875	5.50	15.5	2850	Lite & Common	425	10%salt, 2%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

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Sheila 1
Doc ID	1048949

Tops

Anhydrite	1496	+882
Heebner	3964	-1586
Lansing/KS City	4057	-1679
Hushpuckney shale	4342	-1964
Marmaton	4410	-2032
Altamont	4436	-2058
Pawnee	4488	-2110
Ft. Scott	4518	-2140
Cherokee shale	4552	-2174
Mississippi	4629	-2251
permiabile Mississippi	4642	-2264
Total Depth	4711	-2333



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

January 05, 2011

Dana Wreath
BEREXCO LLC
2020 N. BRAMBLEWOOD
WICHITA, KS 67206-1094

Re: ACO1
API 15-083-21673-00-00
Sheila 1
SW/4 Sec.17-23S-21W
Hodgeman 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,
Dana Wreath

ALLIED CEMENTING CO., LLC. 041993

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

SERVICE POINT:
Russell KS

DATE <u>9-25-10</u>	SEC. <u>17</u>	TWP. <u>23</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>9:30am</u>	JOB FINISH <u>10:00am</u>
LEASE <u>Sheila</u>	WELL # <u>1</u>	LOCATION <u>Hwy 156 East of Hanston South 7 mile</u>			COUNTY <u>Hodgeman</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> (NEW) (Circle one)			on R ₂ 233 to K Rd 1W to 232 Rd 1 South West into				

CONTRACTOR Berexco Rig #2
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 288
 CASING SIZE 8 5/8 DEPTH 288
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT 17.38

OWNER
 CEMENT
 AMOUNT ORDERED 180 com 31 cc 2% Gel

COMMON	<u>180</u>	@	<u>13.50</u>	<u>2430.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>6</u>	@	<u>51.50</u>	<u>309.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>180</u>	@	<u>2.25</u>	<u>405.00</u>
MILEAGE	<u>.10/sk/mile</u>			<u>648.00</u>
TOTAL				<u>3952.75</u>

EQUIPMENT

PUMP TRUCK CEMENTER John Roberts
 # 417 HELPER Glenn
 BULK TRUCK
 # 410 DRIVER Richard TWS
 BULK TRUCK
 # DRIVER

REMARKS:

Est. Circulation
Mix 180 sk cement
Displace w/ 17.38 bbl H₂O
Cement Did Circulate!

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>991.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>36</u>	@	<u>7.00</u> <u>252.00</u>
MANIFOLD		@	
		@	
		@	

CHARGE TO: Berexco
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 1243.00

PLUG & FLOAT EQUIPMENT

ALLIED CEMENTING CO., LLC. 042000

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

SERVICE POINT:

Great Bend KS
Bottom 5:45am 6:30am

DATE 10-6-10	SEC. 17	TWP. 23	RANGE 21	CALLED OUT	ON LOCATION Top	JOB START 12:30pm	JOB FINISH 1:15pm
Sheila LEASE		WELL # 1	LOCATION Hwy 156 East of Hanston South		COUNTY Hodgman	STATE KS	
OLD OR NEW (Circle one)			7 mile on Rd 233 to Rd 1W to 232 Rd 1 South West into				

CONTRACTOR **Beredco Rig #2**
 TYPE OF JOB **DV Production String**
 HOLE SIZE **7 7/8** T.D. **4710'**
 CASING SIZE **5 1/2 15.5#** DEPTH **4712'**
 TUBING SIZE DEPTH
~~PIPE~~ **Latch Down Baffle** DEPTH **4670'**
~~TOOL~~ **DV Tool** DEPTH **2850'**
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT **42'**
 CEMENT LEFT IN CSG. **42'**
 PERFS.
 DISPLACEMENT **111.4 Bbl (2) Bottom 67.8 Bbl (2) Top**

OWNER
 CEMENT
 AMOUNT ORDERED ~~550~~ **550 Lite 1/4# Flo**
150 com 10% salt 5 #/sk Gilsonite 2% Gel
125 com 10% salt 2% Gel 500gal WFR-2
 COMMON **275** @ **13.50** **3712.50**
 POZMIX @
 GEL **5** @ **20.25** **101.25**
 CHLORIDE @
 ASC @
Salt 11 @ **21.25** **233.75**
Lite 550 @ **11.85** **6517.50**
Gilsonite 750# @ **.85** **637.50**
Flo Seal 137# @ **2.45** **335.65**
WFR-2 500gal @ **1.10** **550.00**
 @
 @
 @
 HANDLING **825** @ **2.25** **1856.25**
 MILEAGE **110/50/mile** **2475.00**
 TOTAL **16419.40**

EQUIPMENT

423-281 **Larone Oakey**
 PUMP TRUCK CEMENTER **John Roberts**
 # **181** HELPER **Bob G.B**
 BULK TRUCK
 # **456-198** DRIVER **Wayen G.B**
 BULK TRUCK
 # **473-187** DRIVER **Ron Russell**
 # **378** **Brad TWS**

REMARKS:

Ran 4712' 5 1/2 15.5# Casing. Est Circulation and Circulate 1 hr. on Bottom. Pump 500 gal WFR-2 Mix 200 sk Lite Cement and tailed w/ 150 com 10% salt 5# Gilsonite 2% Gel Cement. Displace plug w/ 40 Bbl H2O 70 Bbl Mud 1.2 Bbl H2O (111.2 Bbl Total) Land plug @ 1500 psi. Float Did Hold. Open DV tool and circulate 1 hr. Mix 50 sk cement to plug mouse hole and Rat hole. Mix 300 Lite Cement and tailed w/ 125 Com 10% salt 2% Gel Cement. Displaced w/ 68 Bbl H2O. Land Plug @ 1500 psi. Cement Did Circulate! 20 sk to pit. Thank You!

SERVICE

DEPTH OF JOB
 PUMP TRUCK CHARGE **1957.00**
 EXTRA FOOTAGE @
 MILEAGE **30** @ **7.00** **210.00**
 MANIFOLD @
 @
 @

CHARGE TO: **Berexco**
 STREET
 CITY STATE ZIP

TOTAL **2167.00**

5 1/2 PLUG & FLOAT EQUIPMENT

D.V. Tool **2832.00**
AFU Float Shoe @ **214.00**
1# Cement Baskets @ **161.00**
Limit Clamp @ **27.00**

John Roberts
Wayen G.B

GEOLOGIST'S REPORT

DRILLING TIME & SAMPLE LOG

COMPANY BEREXCO LLC NO. 1

EASE SHELLA

LOCATION 2310 FSL. & 1105 RING 21W

SEC. 17 TWP. 23S STATE KANSAS

COUNTY HODGEMAN FIELD WILDCAT

CONTRACTOR BEREDCO DRUG. RIG 2

COMM. 9-23-10 COMP. _____

RTD 4710 LTD _____

No. of DST'S 4 No. of CORES NONE

SAMPLES SAVED FROM 3800 TO TD

DRILLING TIME KEPT FROM 3800 TO TD

SAMPLES EXAMINED FROM 3800 TO TD

GEOLOGICAL SUPERVISION FROM 3800 TO TD

GEOLOGIST ON WELL EDWIN H. GRIEVES

FORMATION TOPS

ANHYDRITE _____

HEBNER _____

LANSING _____

HUSHPICKNEY _____

MARMATON _____

ALTAMONT _____

PAWNEE _____

FT. SCOTT _____

CHEROKEE _____

MISSISSIPPI _____

ELEVATIONS

KB 2378

DF 2375

GL 2365

MEASUREMENTS ARE ALL FROM KB

CASING RECORD

8/8" O.D. 288 W/ _____ SX.

O.D. _____ W/ _____ SX.

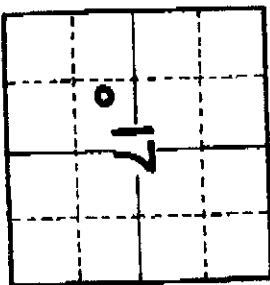
O.D. _____ W/ _____ SX.

O.D. _____ W/ _____ SX.

EL. LOG DILL. _____

CNL/COL. M. SONIC _____

SAMPLE	LOG	SUBSEA
1499		
3967		
4067		
4343		
4410		
4438		
4491		
4510		
4567		
4639		



REMARKS Earth-Tech had an unmanned gas detection trailer on this well from 2200 feet to total depth.

*Thank you,
Edwin H. Grievess*

..... SANDSTONE
 LIMESTONE
 SHALE
 CHERT

..... SLISTONE
 DOLOMITE
 GRANITE WASH
 ANHY & GYP

HOT WIRE BY
 TOTAL GAS VOLUME

C3 = PROPANE
 C4 = ISOBUTANE
 C5 = BUTANE
 C6 = ISOPENTANE
 C7 = PENTANE

DRILL TIME SCALE	SAMPLE DESCRIPTION	GAS SCALE
5 10 15		10 100 1000
15		
30		
45		1500
60		2400

Vertical text on the left side of the grid, possibly a scale or coordinate indicator.

2400

CON GAS 3 U

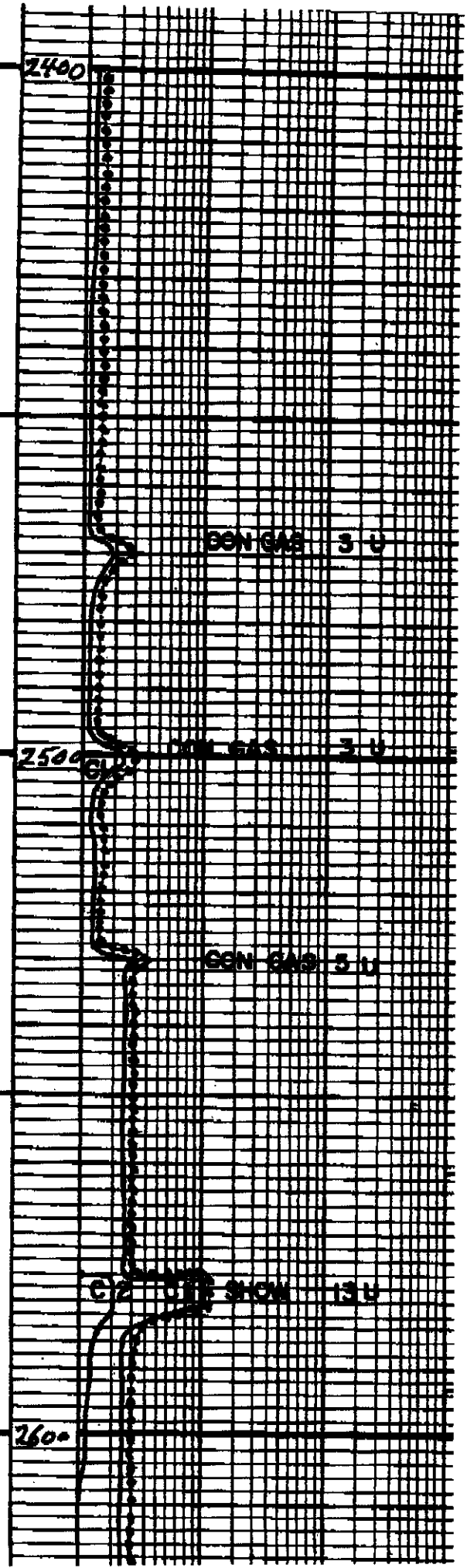
2500

CON GAS 3 U

CON GAS 3 U

C2 SHON 13 U

2600



2600

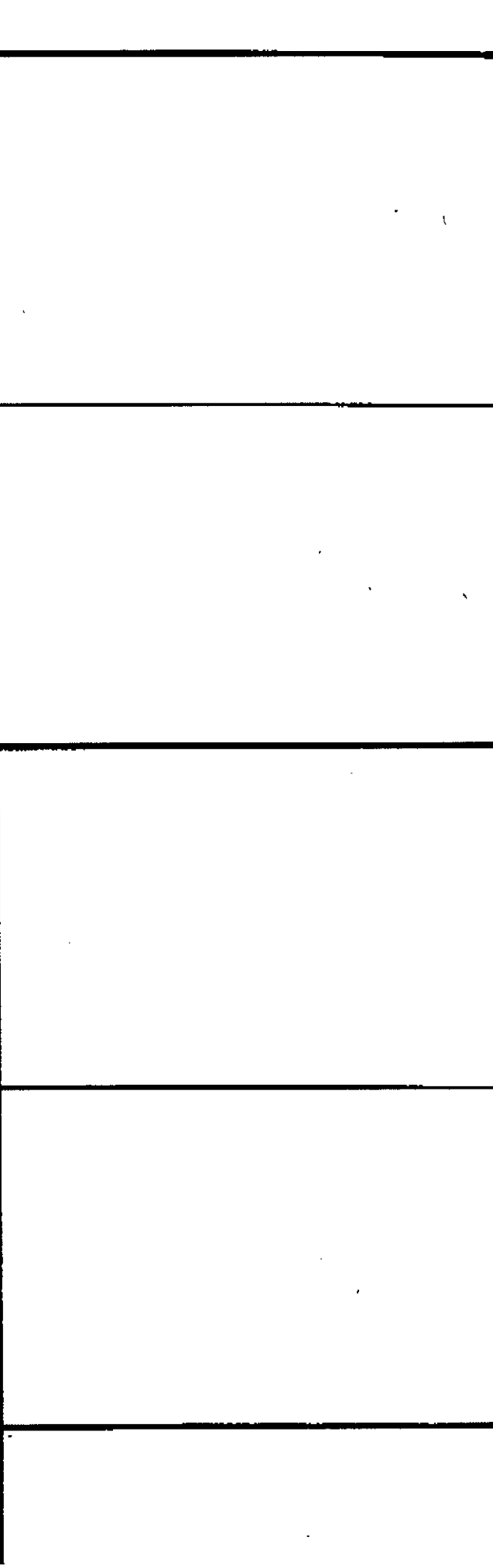
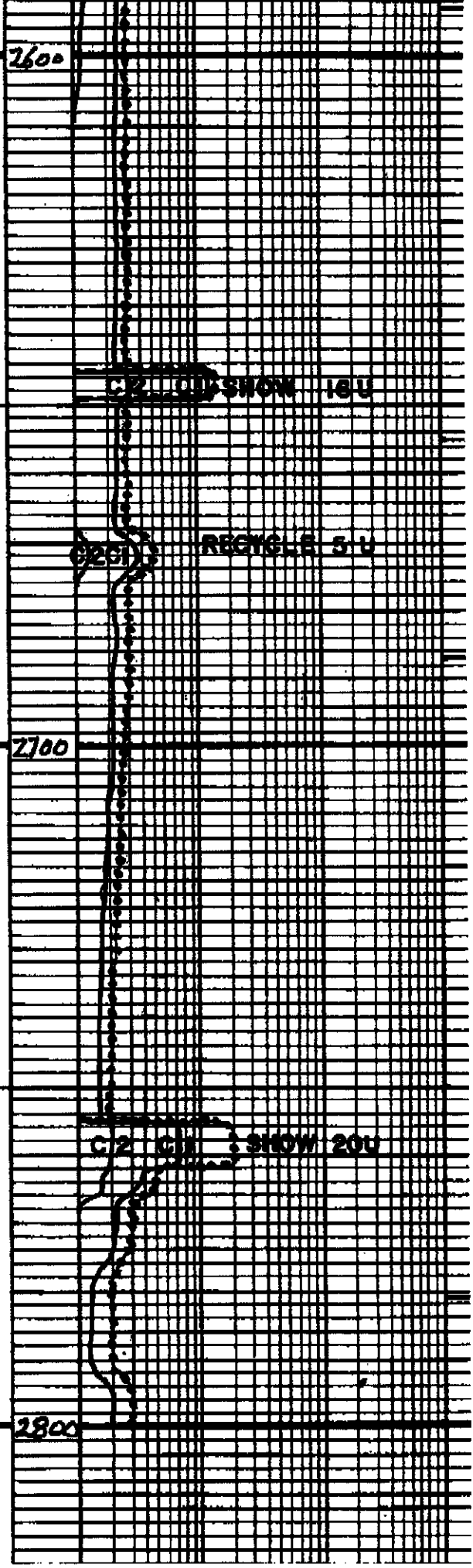
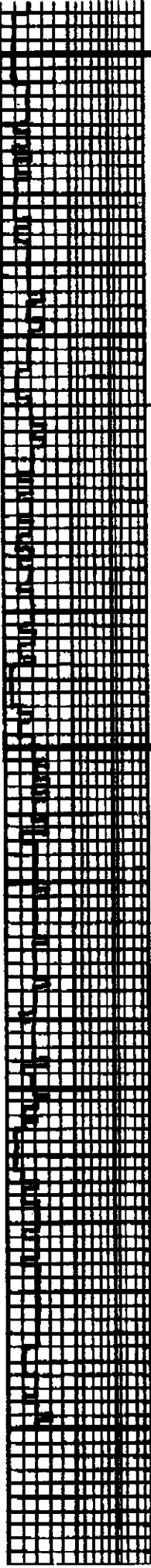
C2 01 SHOW 15U

0251 RECYCLE 5-U

2700

C2 01 SHOW 20U

2800



2800

3800

3900

Lms. H. gray. to tan; crypto. to v. fr. xlu.
 trs. sub-chlk, sub-sucro. & packstn; dul. yel
 fluor. IP's; No lat; No vis for → Note:
 V. abn. Sh. in samp. H. gray to med. gray w/
 some orange & red

Lms. trs. to abn. wht. to orn. chlk &
 H. gray. to tan; crypto. to v. fr. xlu.; sub-chlk
 sub-sucro. to sucro & packstn; dul. H.
 to lt. yel. fluor.; No lat; abn. p. to ex.
 and trs. gd to excel. p.p., micro-p.p.
 and prob. inter in por. → Note:
 V. abn. Sh. in samp. lt. to med gray
 w/ some orange & red

cl

ce

cu

3900

Lms. similar 3811-3840 w/ tas Sh.
u. drk gray to black

Sh. u. drk gray to blk - carb
Sh. lt. gray to lt. green, silty IP's w/ tas silty
H. green to H. gray. Sh. filled
Lms. H. tan, grayish. IP's; crypto. to
u. v. xlu. tas. sub-chlk, sub-sucro + packstn.
dul. H. yel. fluor. IP's; No Cut; No Vis Por
Lms. tas. w/lt. to crm. chlk + H. tan, gray, silty IP's
crypto. to v. xlu. tas. sub-chlk, sub-sucro,
to sucro + tas. packstn; dul. H. to H. yel. fluor.
No Cut; abn. por to fine micro-pp. + tas. interbedded

Heckman
3967-1555
3900-1500
3980-1600

Sh. H. to med. gray + greenish gray to
grayish greens; st. to ext. cal IP's

Lms. H. gray, tanish IP's, crypto. to v. xlu. xlu
st. to ext. shly. gading to calc. Shs
sub-chlk + OR shly; sub-sucro + packstn;
dul. H. yel. fluor. IP's; No Cut; No Vis Por

Brown
4045-1667
4051-1667
4062-1684

Interbedded lms + thin scattered Shs
① Slower Dalg. Lms. H. gray to tan
crypto. to v. xlu. tas. sub-chlk,
sub-sucro + packstn; dul. H. yel.
fluor IP's; No Cut; No Vis. Por
② Faster Dalg. Lms. tas. to abn. wht. to
crm. - chlk + H. tan to tan; sub-chlk,
sub-sucro to sucro + tas packstn;
dul. H. to H. yel. fluor.; No Cut; abn
pr. to cr. + tas. gd. micro-pp. por.
w/ Prob. interbedded por IP's
③ Scattered thin Shales med to drk

4000

cam. - chlk & lt tan totan; sub-chlk,
 sub-sucro. to sucro. + trs packsta.
 dul. lt. to lt. yel. fluod.; Nolcut; 2 dn
 pr. to tr. + trs. gd. micro-pp. por.
 w/Prob. intercal. por. IP's
 ① Scattered thin Shales med to dk
 gry.; slit to v. calc IP's to v. dk gry
 to black - carb. looking
 ② Scattered trs. to abu. chert
 off wht., cam, lt. gry. to lt. tan
 opaque

4100

Lms. trs. to abu. wht. to cam. chlk
 + lt. tan totan, gryish IP's; trs. crypto
 to v. v. f. x. l. u.; sub-chlk, sub-sucro
 to v. sucro. + trs. packsta.; phantom
 oolitic IP's to trs. oolitic; phant. mon. oolitic
 IP's to trs. oolitic; dul. lt. to lt. yel. fluod.;
 Nolcut; abu. pr. to tr. + trs. gd. to excel
 oolitic, p. p., micro-pp. por. +
 Prob. intercal. por. w/ slit trs.
 chert. gry. to tan; opaque

4200

Interbedded Limestone w/ Shales
 + Chert similar 4062-4100

CR

CON GAS 9 U

Lms. trs. to hvy. trs. wht. to cam. chlk
 + lt. tan to tan, gryish. IP's; slit
 EXTRA oolitic and/or slit to dextr
 oolitic; matrix sub-chlk; sub-sucro
 + trs. packsta.; yel. to golden yel. fluod.
 Nolcut; abu. pr., tr., gd. to excel oolitic
 pp., micro-pp. + poss. intercal. porosity
 w/ trs. chert off wht., gry to tan
 opaque to transl.

Lms. lt. gry. to tan; crypto. to v. f. x. l. u.;
 sub-chlk, sub-sucro to trs. sucro and
 packsta.; IP's - trs. to abu. phantom
 oolitic to oolitic; dul. lt. to lt. yel.
 fluod. IP's; Nolcut; No Vis. For

4300

Wash Buckle

Lms. lt. gray to tan; crypto. to v. fn. xln; sub-chlk, sub-succro to tes. succro and packstn; IP's - tes to abn phantom oolitic; to oolitic; dul. H. tott. yel. fluor. IP's; No cut; No Vis. For

4300

Wash. D.C. 1923-1965

TRAP CHECK

Sh v. drk gray to black-carb

Lms. similar 4261-4343

Lms. tes. wht. to cream-chlk to H. tan to tan, grayish. IP's; slt. to abn oolitic; + for slt. to v. oolitic; matrix chlk, sub-chlk sub-succro to tes. succro + packstn; dul. H. tott. yel. fluor.; No cut; abn. pr. fr. gd. oolitic; p.p.; micro. pr. and prob. interbeds in porosity

RECYCLE 100

Lms. lt. to med. gray - slt. to v. shly to tan crypto. to v. v. fn. xln; sub-chlk to rshly IP's; sub-succro + packstn; dul. H. tott. yel. fluor. IP's; No cut; No Vis. Por; w/prob interbeds sh's med to v. drk. gray, calc. to v. drk. gray to black-carb. looking

4400

CON GAS 00

Lms. lt. gray, tanish IP's; crypto. to v. fn. xln; sub-chlk; sub-succro + packstn; dul. H. tott. yel. fluor. IP's; No cut; No Vis. Porosity

Sh med to v. drk. gray

Lms. cream to tan; crypto. to v. fn. xln; tes. succro to succro, packstn + tes. sub-litho v. slt. tes. oolitic; w/succro. matrix; dul. H. tott. yel. fluor.; No cut; slt. tes. abn. tagd. oolitic; Por w/prob. interbeds succro; w slt. tes. chlk IP's; wht. oolitic to tan, tan to opp.

4410-2052

4454-82 Lms. lt. gray, grayish tan to tan, crypto. to v. v. fn. xln; tes. succro to succro, packstn + tes. sub-litho v. slt. tes. oolitic; w/succro. matrix; dul. H. tott. yel. fluor.; No cut; No Vis. Por.

4282-91 Sh med. to v. drk. gray

4491-4515 Lms. tes. wht. to cream chlk. to H. gray, grayish tan to tan crypto. to tes. v. v. fn. xln; chlk; sub-chlk; tes. sub-succro + packstn; dul. H. tott. yel. fluor.; No cut; No Vis. Por.

TRAP 260

4515-20 Sh v. drk. gray to black-carb

4500

4440-40 Lms. lt. to med. gray, slt. to v. shly; crypto. to v. v. fn. xln; sub-chlk; tes. sub-succro + packstn; dul. H. tott. yel. fluor. IP's; No cut; No Vis. Por.

4410-2052

422X-71 sh med. to v. dark gray

4491-4515 Lms. tes. wht. to cream
chlk. + H. gray, grayish-tan to tau
crypto. to tes. v. v. fn. xln; chlk.,
sub chlk. tes. sub-sucro + packstn
dub H. tab. yet fluv. No cut; No vis for

4515-20 Sh. dark gray to black carb

4440-40 Lms. H. to med gray, sh. to
v. shly; crypto to v. v. fn. xln;
sub-chlk. tes. shly, sub-sucro,
+ packstn; dub. H. yet fluv. IP's
No cut; No vis for

4540-4557 Lms. tes. wht. to cream
chlk + H. tan, grayish. IP's; crypto
to v. v. fn. xln; tes. sub-chlk.
sub-sucro to sucro. + tes. packstn
q. An. yet fluv. IP's; sh. tes. w/
A. to CR. Ring cut; sh. tes. v. OR
micro-p. ppore; stems cut; ip. tab.
IP's; sh. tes. chert gray to tau, tan to
topque

4557-62 Sh. dark gray to black carb

4552-90 Lms. cream to off. gray chlk. +
H. gray to grayish-tan; crypto to tau
xln; sub-chlk. tes. sub-sucro + packstn
dub. H. yet fluv. No cut; No vis for
w/ 2 pieces w/ bit oil stringer yet fluv.
fluv. to qd. stems cut; ip. tab.
micro-p. ppore; stems for em.

4590-95 Sh. v. dark gray to blk carb

4595-4611 Lms w/tes show similar 4552-90

4611-21 Sh. med tau dark gray; greenish
cutaly calc. gading tau. shly med w/tes
Lms. gray to tau, mottled IP's; crypto to tau
sub-chlk., sub-sucro + packstn; tes. dub
yet fluv. w/ g. a. stemming cut; ip. tab.
to ch. solution p. p. pore; Quasi fluv.

4612-29 Cong. of Lms, shs + siltstns
Lms. H. gray, tan to brown + gray; crypto
to tau v. v. xln; sub-chlk., sub-sucro + packstn
v. shly tes. banail stem, fluv. yet fluv. sh
to g. a. stemming cut; ip. tab. for
Chert v. v. light; Siltstns H. gray to
H. gray. shly IP's; fluv. filled; stem, suox
+ cut; IP's No vis for

4629-37 Dolo. sh. to fully calc. IP's; v. v. dark
sub-sucro to tes. sucro + packstn; v. v. xln
chlk. dead oil stem; fluv. v. shly med w/tes
cut; shly tes. v. shly med w/tes fluv. w/
qd. stemming cut; No vis for

4637-47 Dolo. H. to tau w/ ip. to even
gan. oil stem; stem oil edge; v. v. xln
sub-sucro to sucro, tes. wht. to tau
med to coarse dolo. v. v. + tan
bit, yet fluv. w/ flash to coal. stemming
cut; shly tes. petiole tes. qd. v. v. xln, p. p.
micro-p. + pores in the v. v. pore w/
fluv. chert w/ to gray - qd + sh. fluv
tes. chert shly to shly. weathered w/ flash
oil stem w/ bit yet fluv. flash to qd
stemming cut; tes. shly disseminated
pyr. to pyr. mineralization along
fractures in chert

4647. Dolo. cream to tau w/ hystes soft to
even ben. oil stem. v. v. xln; sub-sucro to sucro
to oil edge; bit yet fluv. flash to qd stem
cut; hystes for. to tes. tes. qd. micro-p. pore
w/ ante. abn. Chert qd. to flash, oil w/ ip.
qd. pp. + 2% shly weathered shly to tau
ben. oil stem w/ bit yet fluv. flash to qd
stemming cut; ip. tab. to chert. No vis for

Dolo + Chert similar above w/

4500

4600

4700

TRIP GAS 200

TRIP GAS 110

TRIP GAS 110

TRIP GAS 210

TRIP GAS 200

TRIP GAS 120

TRIP GAS 120

TRIP GAS 120

TRIP GAS 120

TRIP GAS 120

TRIP GAS 120

TRIP GAS 120

TRIP GAS 120

7/8 inch Bit Tube
 Dolo + Cheat similar above w/
 Sample 10 to 20% Dolo + 80 to 90% Cheat

7100

7/8 inch Bit Tube

#1 New Hugs GX 22 S
 in @ 288 ft out @ 4710 TD

Cor. Points:

- | | |
|---------|-------------|
| 1. 4472 | 8. 4630 |
| 2. 4490 | 9. 4635 |
| 3. 4560 | 10. 4640 |
| 4. 4589 | 11. 4645 |
| 5. 4600 | 12. 4652 |
| 6. 4620 | 13. 4710 TD |
| 7. 4625 | |

Dev. Surveys

- | | |
|--------------|--------------|
| 1. 288 3/4° | 5. 4490 1° |
| 2. 376 1/2° | 6. 4620 3/4° |
| 3. 1906 3/4° | 7. 4710 TR |
| 4. 3904 1/2° | |

Daily Drilg Progress:

- | | |
|--------------------|---------|
| 1. 3800 @ 11:57 PM | 9-28-10 |
| 2. 3906 @ 7:00 AM | 9-29-10 |
| 3. 4467 @ 7:00 AM | 9-30-10 |
| 4. 4492 @ 7:00 AM | 10-1-10 |
| 5. 4620 @ 7:00 AM | 10-2-10 |
| 6. 4640 @ 7:00 AM | 10-3-10 |
| 7. 4652 @ 7:00 AM | 10-4-10 |
| 8. 4710 @ 7:00 AM | 10-5-10 |

DST#1 Marmaton 4420-4490
 10 Weak Blow Died 5 min FO Dead
 Rec 30 ft Mud BHT 116°F
 IHP 2182 #
 IFP 20-36# in 30 min
 VSP 1245# in 60 min
 FFP 38-47# in 30 min
 FSP 1223# in 60 min
 FHP 2135 #

DST#2 Ft Scott-Cherokee 4542-4620
 10 Weak Surface Blow Off Weak Blow Built in 25'
 Rec 30 ft VSOCP 12 in 1778 Mud BHT 117°F

FHP 2135#

DST#2 FIScott-Cherokee 4542-4620
 IO Weak Surface Blow Off Weak Blow Built to 2 1/2"
 Rec 30ft VSOCM 12 oil 197 Mud BHT 117°F
 IHP 2238#
 IFP 20-27# in 30 min
 ISIP 144# in 60 min
 FFP 25-28# in 60 min
 FSIP 233# in 120 min
 FHP 2181#

DST#3 Mississippi 4607-4640
 IO Weak Surface Blow Throughout FD Dead
 Rec 10ft Mud BHT 110°F

IHP 2234#
 IFP 21-22# in 30 min
 ISIP 57# in 60 min
 FFP 23-26# in 60 min
 FSIP 44# in 120 min
 FHP 2169#

DST#4 Mississippi 4607-4652
 IO Strong Blow BOB/min 20sec.
 FO Strong Blow BOB/min 15sec.
 Rec 3521 ft fluid
 3056 clean oil
 466 ft VSOCM W 22 oil 1782 Wtr. 202 Mud

Rw. 183 @ 77°F chl 3700 ppm
 BHT 124°F pthchl 9600 ppm
 Oil Gravity 33 API
 IHP 2268#
 IFP 129-852# in 30 min
 ISIP 1434# in 60 min
 FFP 827-1391# in 60 min
 FSIP 1452# in 120 min
 FHP 2177#

Mud Info.:

Date	9-28 4:50A	9-29 9:50A	9-30 12:50A	10-1 12:55A	10-2 12:00P	10-3 12:45P	10-4 12:30A
Depth	3225	4006	4490	4550	4620	4640	4652
Wt	9.6	9.3	9.4	9.4	9.2	9.1	9.1
Vis	30	44	40	51	55	49	49
PV	5	11	8	10	13	15	15
YP	6	10	8	29	25	16	17
GS	2/3	12/40	11/45	38/70	33/46	18/46	16/56
NL	1/2	10.2	12.6	13.6	11.2	8.8	8.8
Clay	—	1/32	1/27	3/27	1/27	1/27	1/27

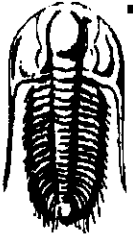
FOSTRAG Blow 6081 min / 5 sec.
 Rec 3521 ft fluid
 3056 clean oil
 465 ft VSOCM W 2% oil 78% wt. 20% Mud

Rw. 183 @ 77°F chl 3700 ppm
 BHT 124°F pttchl 9600 ppm
 Oil Gravity 33 API
 IHP 2268#
 IFP 129-852# in 30 min
 ISIP 1434# in 60 min
 FFP 827-1371# in 60 min
 FSIP 1432# in 120 min
 FHP 2177#

Mud Info.:

Date	9-28 4:55A	9-29 9:50A	9-30 11:55A	10-1 10:55A	10-2 7:05P	10-3 7:45A	10-4 11:30A
Depth	3225	4006	4490	4550	4610	4640	4652
Wt	9.6	9.3	9.5	9.4	9.3	9.1	9.1
Vis	30	44	40	51	55	49	49
PV	5	11	8	10	13	15	15
YP	6	10	8	29	25	16	17
GS	2/3	12/40	11/45	33/70	33/46	18/46	16/38
WL	1/2	10.2	12.5	13.5	11.2	8.0	8.0
Cake	—	1/32	1/32	2/32	1/32	1/32	1/32
pH	7.0	10.0	10.0	9.5	11.0	10.5	10.0
Chl	4000	5500	4500	7100	3000	4600	9600
Ca	Huy	20	100	180	60	20	20
LCM	1	2	1	1	1	1	TR.

OPERATOR BEREXCO LLC LOCATION 2310FSL & 1105FWL
 LEASE SHEILA NO. 1 SEC. 17 TWP. 23S RANG. 21W
 ELEVATION 2378KB RTD 4710 COUNTY HODGEMAN STATE KANSAS



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexco LLC
 PO Box 20380
 Wichita, KS. 67208
 ATTN: Ed Grieves

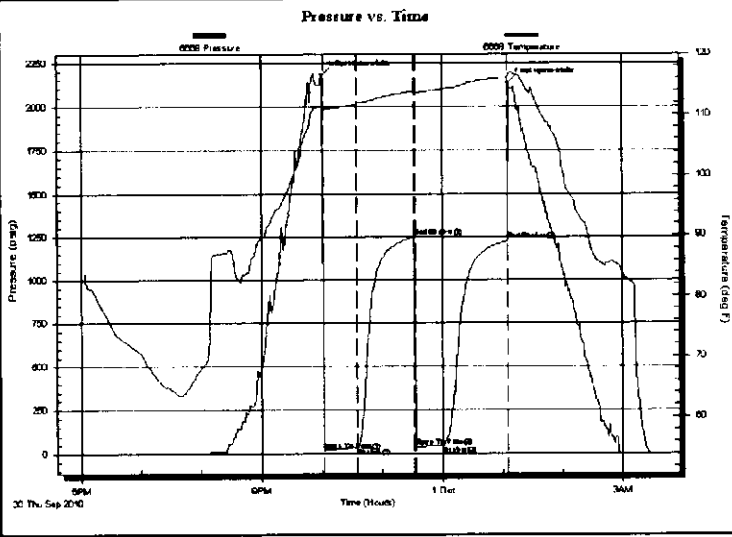
Shiela #1
17-23s-21w-Hodgeman
 Job Ticket: 39012 **DST#: 1**
 Test Start: 2010.09.30 @ 18:02:47

GENERAL INFORMATION:

Formation: Marmaton		
Deviated: No Whipstock: ft (KB)	Test Type: Conventional Bottom Hole	
Time Tool Opened: 22:02:02	Tester: Jason McLemore	
Time Test Ended: 03:28:17	Unit No: 32	
Interval: 4420.00 ft (KB) To 4490.00 ft (KB) (TVD)	Reference Elevations: 2378.00 ft (KB)	
Total Depth: 4490.00 ft (KB) (TVD)	2365.00 ft (CF)	
Hole Diameter: 7.80 inches Hole Condition: Good	KB to GR/CF: 13.00 ft	

Serial #: 6668 Inside		
Press@RunDepth: 47.46 psig @ 4457.00 ft (KB)	Capacity: 8000.00 psig	
Start Date: 2010.09.30 End Date: 2010.10.01	Last Calib.: 2010.10.01	
Start Time: 18:02:49 End Time: 03:28:17	Time On Btm: 2010.09.30 @ 22:01:17	
	Time Off Btm: 2010.10.01 @ 01:05:47	

TEST COMMENT: IFF-Weak Blow ,Died in 5 Min.
 ISL-Dead
 FFP-Dead
 FSI-Dead



PRESSURE SUMMARY

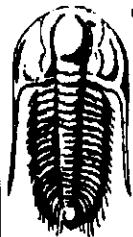
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2182.12	111.45	Initial Hydro-static
1	19.70	110.77	Open To Flow (1)
35	36.04	111.87	Shut-In(1)
91	1245.38	113.84	End Shut-In(1)
92	38.44	113.31	Open To Flow (2)
120	47.46	114.21	Shut-In(2)
184	1222.82	116.08	End Shut-In(2)
185	2134.96	116.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Drilling Mud	0.15

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

Shiela #1

PO Box 20380
Wichita, KS. 67208

17-23s-21w-Hodgeman

Job Ticket: 39012 **DST#: 1**

ATTN: Ed Grieves

Test Start: 2010.09.30 @ 18:02:47

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: 40.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Drilling Mud	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

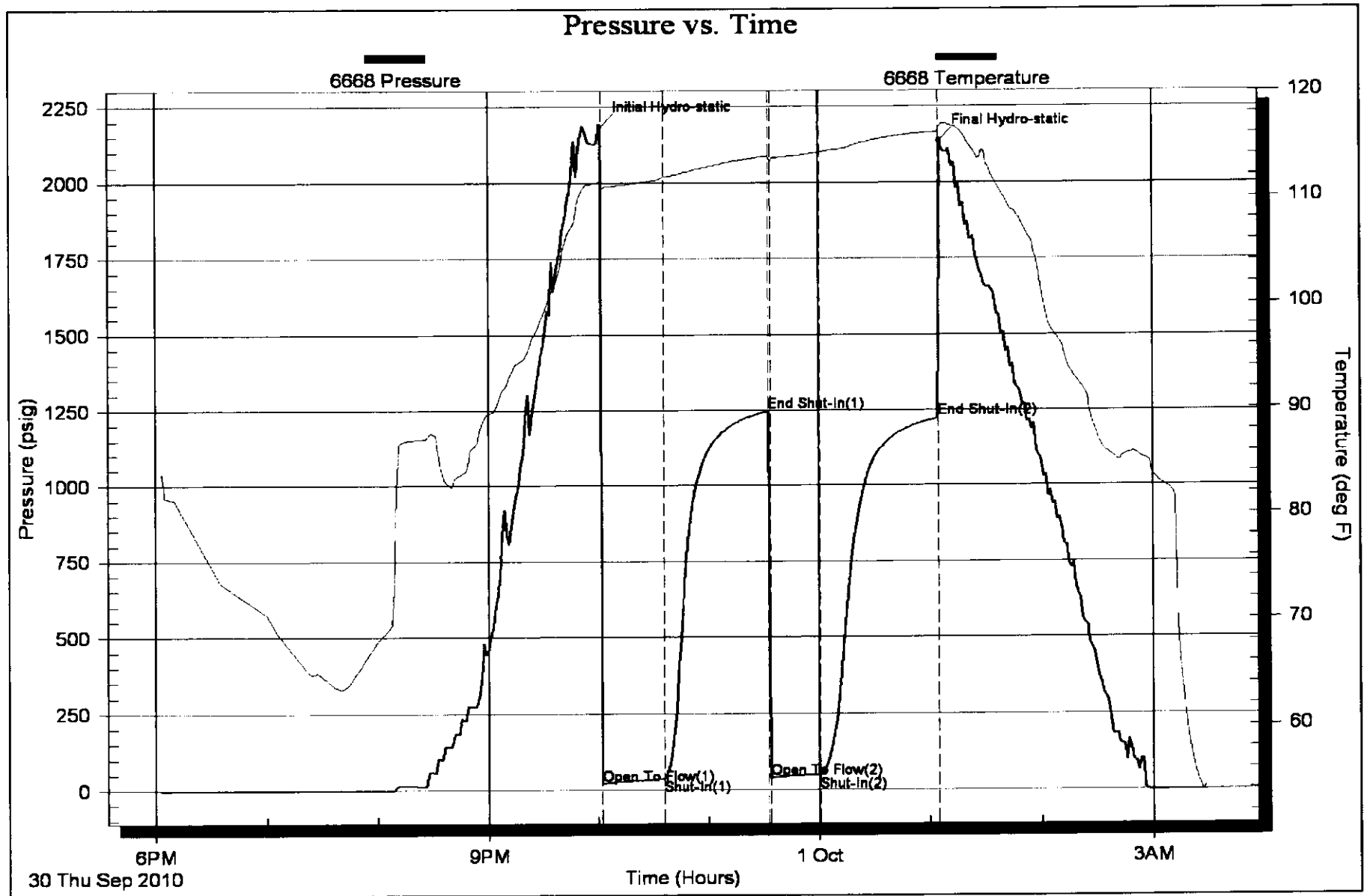
Num Gas Bombs: 0

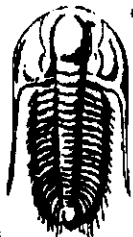
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco LLC
PO Box 20380
Wichita, KS. 67208
ATTN: Ed Grieves

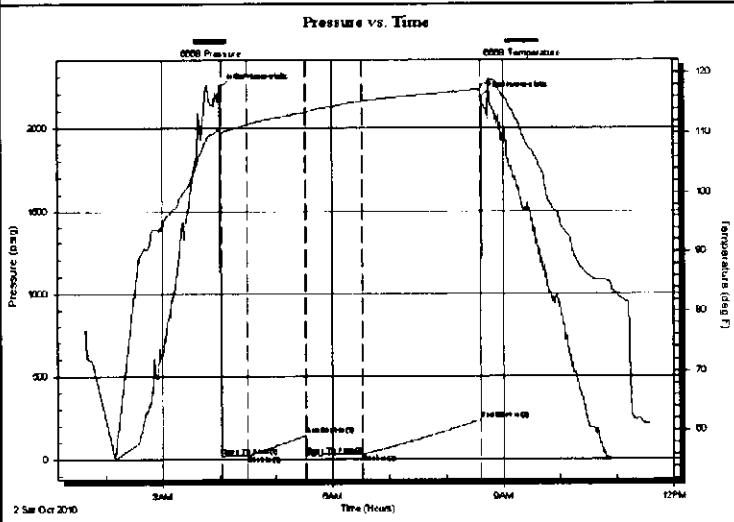
Shiela #1
17-23s-21w-Hodgeman
Job Ticket: 39013 **DST#: 2**
Test Start: 2010.10.02 @ 01:38:00

GENERAL INFORMATION:

Formation: **Ft Scott-Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:02:15
Time Test Ended: 11:36:30
Interval: **4542.00 ft (KB) To 4620.00 ft (KB) (TVD)**
Total Depth: 4620.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32
Reference Elevations: 2378.00 ft (KB)
2365.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 6668 Inside
Press@RunDepth: 28.66 psig @ 4610.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.10.02 End Date: 2010.10.02 Last Calib.: 2010.10.02
Start Time: 01:38:02 End Time: 11:36:30 Time On Btm: 2010.10.02 @ 04:02:00
Time Off Btm: 2010.10.02 @ 08:37:00

TEST COMMENT: IFF-Weak Surface Blow
ISI-Dead
FFP-Weak Blow ,Built to 2-1/2"
FSI-Dead



PRESSURE SUMMARY

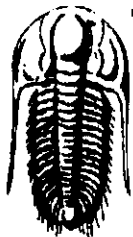
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2237.60	110.64	Initial Hydro-static
1	19.91	109.34	Open To Flow (1)
28	27.16	111.43	Shut-In(1)
90	143.65	113.44	End Shut-In(1)
91	24.83	113.48	Open To Flow (2)
150	28.66	115.24	Shut-In(2)
274	233.38	117.17	End Shut-In(2)
275	2180.93	117.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	VSOCM-1%O-99%M	0.15

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC
PO Box 20380
Wichita, KS. 67208
ATTN: Ed Grieves

Shiela #1
17-23s-21w-Hodgeman
Job Ticket: 39013 **DST#: 2**
Test Start: 2010.10.02 @ 01:38:00

Mud and Cushion Information

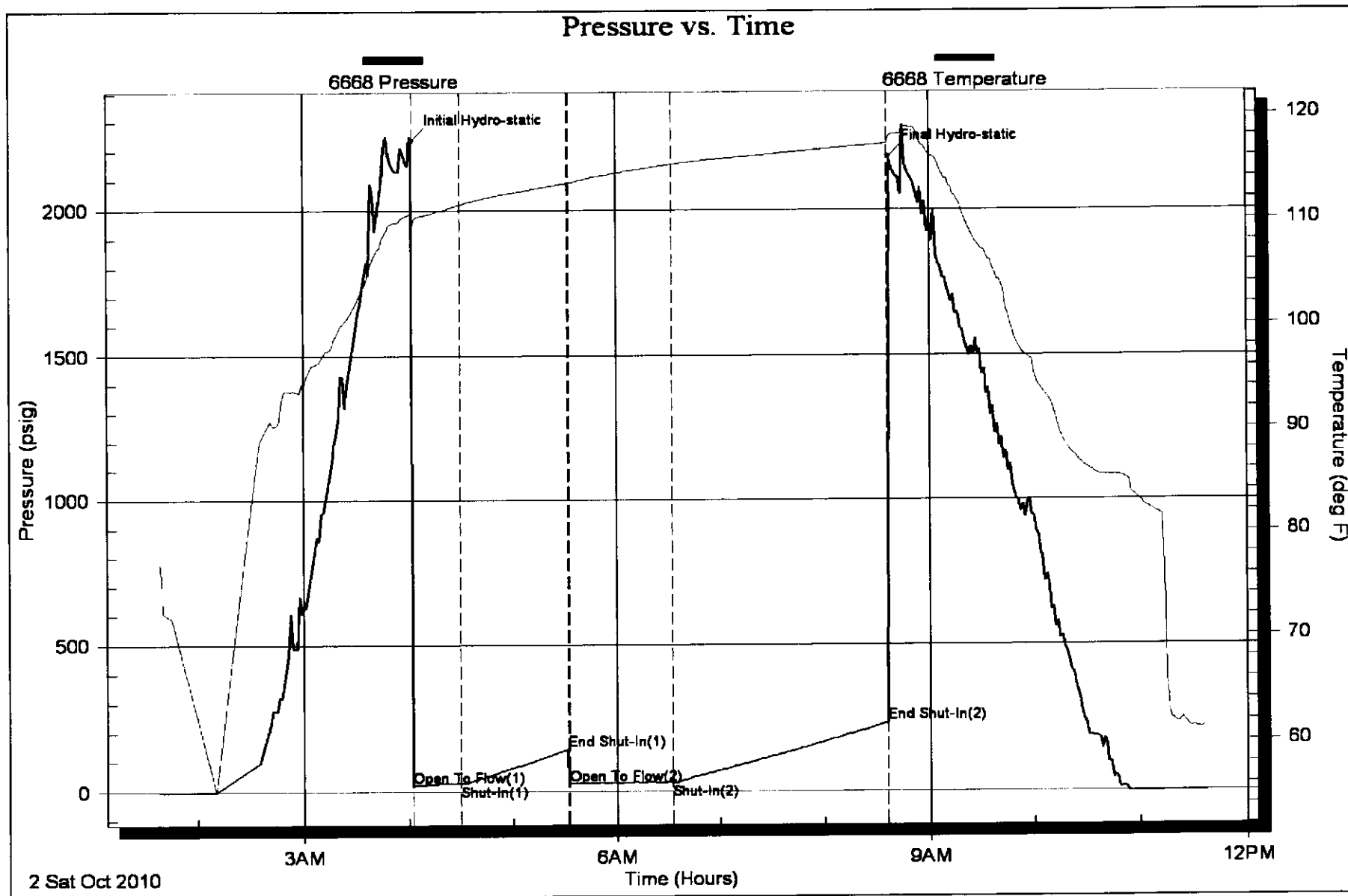
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 13.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7100.00 ppm			
Filter Cake: inches			

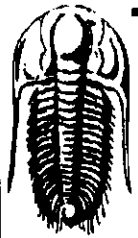
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	VSOCM-1%O-99%M	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexco LLC
 PO Box 20380
 Wichita, KS. 67208
 ATTN: Ed Grieves

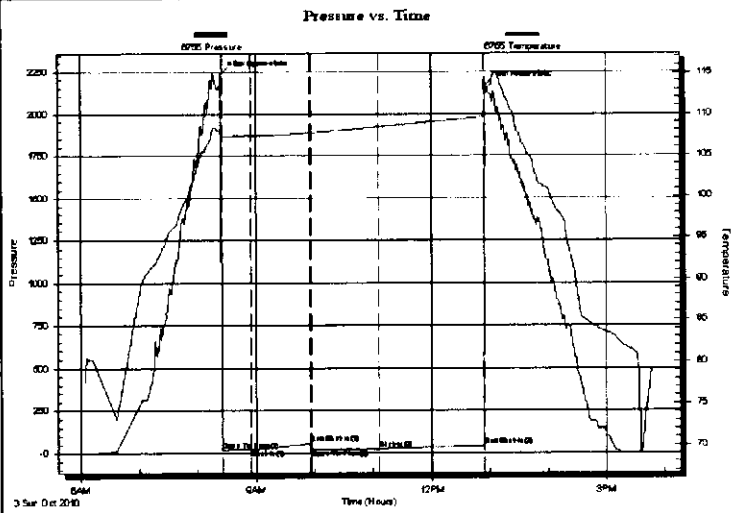
Shiela #1
17-23s-21w-Hodgeman
 Job Ticket: 39014 **DST#: 3**
 Test Start: 2010.10.03 @ 06:04:53

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 08:25:08 Tester: Jason McLernore
 Time Test Ended: 15:46:53 Unit No: 32
 Interval: **4607.00 ft (KB) To 4640.00 ft (KB) (TVD)** Reference Elevations: 2378.00 ft (KB)
 Total Depth: 4640.00 ft (KB) (TVD) 2365.00 ft (CF)
 Hole Diameter: 7.80 inches Hole Condition: Good KB to GR/CF: 13.00 ft

Serial #: 6755 Inside
 Press@RunDepth: 25.56 psig @ 4612.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.10.03 End Date: 2010.10.03 Last Calib.: 2010.10.03
 Start Time: 06:04:55 End Time: 15:46:53 Time On Btm: 2010.10.03 @ 08:24:38
 Time Off Btm: 2010.10.03 @ 12:55:38

TEST COMMENT: IFF-Weak Surface Blow ,Lasted Throughout
 IS-Dead
 FFP-Dead
 FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2233.74	108.00	Initial Hydro-static
1	21.21	106.69	Open To Flow (1)
31	22.11	107.30	Shut-In(1)
92	57.52	107.70	End Shut-In(1)
93	22.94	107.69	Open To Flow (2)
162	25.56	108.40	Shut-In(2)
270	43.85	109.64	End Shut-In(2)
271	2169.20	112.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drilling Mud	0.05

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mc/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

Shiela #1

PO Box 20380
Wichita, KS. 67208

17-23s-21w-Hodgeman

Job Ticket: 39014

DST#: 3

ATTN: Ed Grieves

Test Start: 2010.10.03 @ 06:04:53

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: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Drilling Mud	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

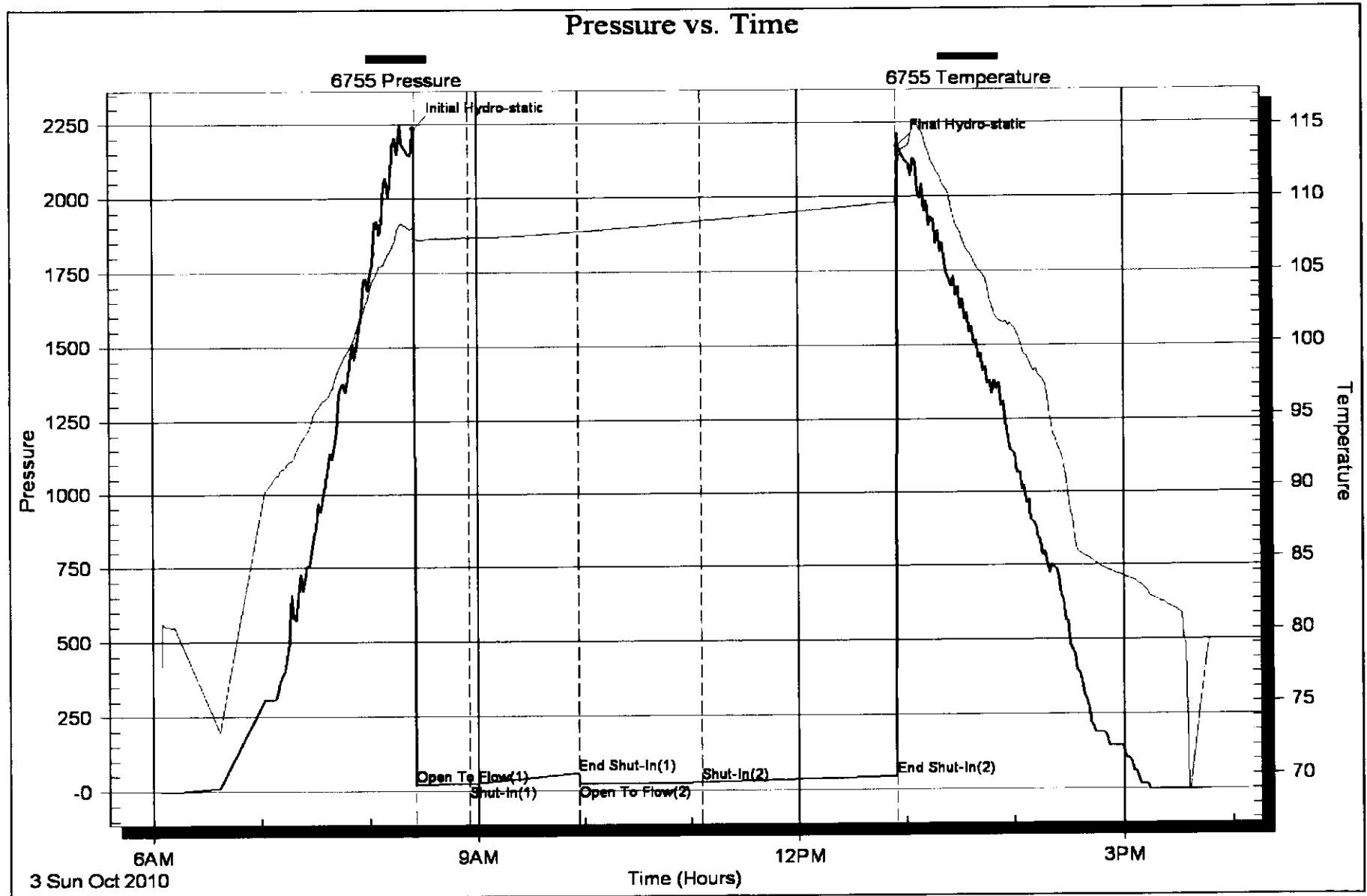
Num Gas Bombs: 0

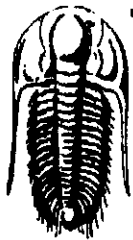
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco LLC
PO Box 20380
Wichita, KS. 67208
ATTN: Ed Grieves

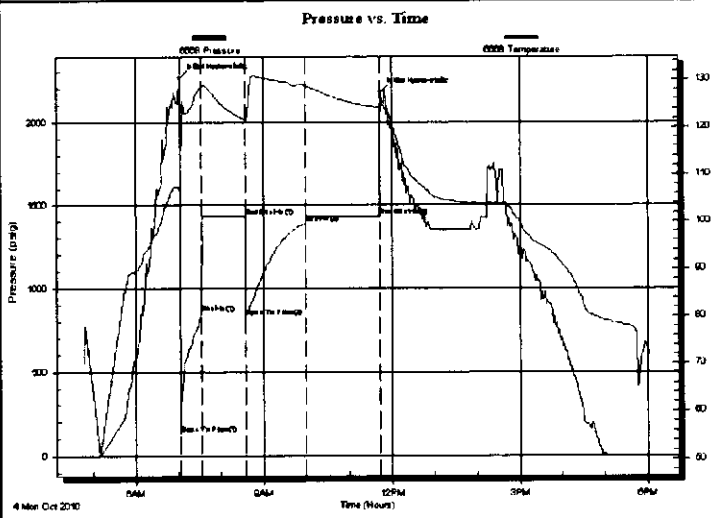
Shiela #1
17-23s-21w-Hodgeman
Job Ticket: 39015 **DST#: 4**
Test Start: 2010.10.04 @ 04:47:03

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:03:18
Time Test Ended: 18:05:03
Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32
Interval: **4607.00 ft (KB) To 4652.00 ft (KB) (TVD)**
Reference Elevations: 2378.00 ft (KB)
Total Depth: 4652.00 ft (KB) (TVD) 2365.00 ft (CF)
Hole Diameter: 7.80 inches Hole Condition: Good KB to GR/CF: 13.00 ft

Serial #: 6668 **Inside**
Press@RunDepth: 1390.71 psig @ 4644.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.10.04 End Date: 2010.10.04 Last Calib.: 2010.10.04
Start Time: 04:47:05 End Time: 18:05:03 Time On Btm: 2010.10.04 @ 07:03:03
Time Off Btm:

TEST COMMENT: IFP-Strong, BOB in 1 Min. 20 Sec.
IS-Blow back Built to 4-1/2"
FFP-Strong, BOB in 1 Min. 15 Sec.
FSI-Blow back Built to 3"



PRESSURE SUMMARY

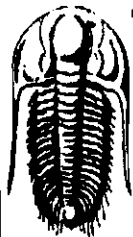
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2267.50	107.35	Initial Hydro-static
1	129.12	106.42	Open To Flow (1)
30	852.10	128.27	Shut-In (1)
92	1433.71	121.65	End Shut-In (1)
93	827.06	121.28	Open To Flow (2)
176	1390.71	128.83	Shut-In (2)
281	1431.84	124.13	End Shut-In (2)
282	2177.05	124.59	Initial Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
465.00	VSOCMW-2%O-78%W-20%M	2.29
3056.00	Clean Oil	42.09

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC
PO Box 20380
Wichita, KS. 67208
ATTN: Ed Grieves

Shiela #1
17-23s-21w-Hodgeman
Job Ticket: 39015 **DST#: 4**
Test Start: 2010.10.04 @ 04:47:03

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 33 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 37000 ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.79 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 9600.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
465.00	VSOCMW-2%O-78%W-20%M	2.287
3056.00	Clean Oil	42.093

Total Length: 3521.00 ft Total Volume: 44.380 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

