



KANSAS CORPORATION COMMISSION 1159005
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1159005

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
---	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Blue Goose Drilling Company, Inc.
Well Name	Borell D 1
Doc ID	1159005

All Electric Logs Run

Dual Compenstated Porosity
Dual Induction
Microresistivity
Cement Bond Log

Form	ACO1 - Well Completion
Operator	Blue Goose Drilling Company, Inc.
Well Name	Borell D 1
Doc ID	1159005

Tops

Name	Top	Datum
ANHYDRITE	2056	+636
HEEBNER	3915	-1223
LANSING	3951	-1259
STARK SHALE	4222	-1530
MARMATON	4328	-1636
FORT SCOTT	4468	-1776
CHEROKEE SHALE	4594	-1802
MISSISSIPPI	4585	-1893



CHARGE TO: **BLUE GOOSE DRUG. Co.**
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET

Nº **24613**

PAGE **1** OF **2**

SERVICE LOCATIONS
 1. **NESS CITY, KS**
 2.
 3.
 4. REFERRAL LOCATION

WELL/PROJECT NO. **#1**
 LEASE **BORELL "D"**
 COUNTY/PARISH **LANE**
 STATE **Ks**
 CITY
 DATE **5-26-13**
 OWNER **SAME**

TICKET TYPE
 SERVICE
 SALES
 CONTRACTOR **HD DRUG.**
 RIG NAME/NO.
 SHIPPED VIA **CT**
 DELIVERED TO **LOCATION**
 ORDER NO.


WELL TYPE **Oil**
 WELL CATEGORY **DEVELOPMENT**
 JOB PURPOSE **5 1/2" LONGSTRING**
 WELL PERMIT NO.
 WELL LOCATION **N/ALAMOTA, Ks**

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #115	40		MI		6.00	240.00
578		1			PUMP CHARGE	1		JOB	4647 FT	1500.00	1500.00
221		1			LIQUID KCL	2		GAL		25.00	50.00
281		1			MUD FLUSH	500		GAL		1.25	625.00
402		1			CONTROLIZER	1		EA	5 1/2"	70.00	70.00
403		1			CEMENT BASKETS	2		EA		285.00	570.00
404		1			PORT COLUR TOP JT # 61	1		EA	2032 FT	2650.00	2650.00
406		1			LATCH DOWN PLUG & BAFFLE	1		EA		275.00	275.00
407		1			INSERT FLOAT SHOE w/AUTO FILL	1		EA		375.00	375.00
409		1			TURBOIZERS	14		EA		90.00	1260.00
419		1			ROTATING HEAD RENTAL	1		JOB		200.00	200.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X 
 DATE SIGNED **5-26-13** TIME SIGNED **1000** A.M. P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				#1	7815.00
WE UNDERSTOOD AND MET YOUR NEEDS?				#2	4758.00
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR **Wayne Wilson** APPROVAL

Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. **24613**

CUSTOMER **BLUE GOOSE DRUG CO.**

WELL **BORER D #1**

DATE **5-26-13**

PAGE **2** OF **2**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOG	ACCT	DF			QTY.	UM	QTY.	UM	
325		1				STANDARD CEMENT EA-2	200	SKS		14.00	2800.00
276		1				FLOCELE	50	LBS		2.00	100.00
283		1				SALT	1000	LBS		20	200.00
284		1				CALSEAL	9	SVS	900	LBS	35.00 315.00
285		1				CFR-1	100	LBS		4.00	400.00
290		1				D-ATR	3	GAL		42.00	126.00
581		1				SERVICE CHARGE			CUBIC FEET	200	2.00 400.00
583		1				MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES	417	1.00 417.00
							20850	40			
CONTINUATION TOTAL											4758.00

JOB LOG

SWIFT Services, Inc.

DATE 5-26-13 PAGE NO. 1

CUSTOMER Blue Goose Drig. Co. WELL NO. #1 LEASE BORELL "D" JOB TYPE 5 1/2" LOGSTRING TICKET NO. 24613

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1000							ON LOCATION
	1030							START 5 1/2" CASING IN WELL
								TD-4648 SET = 4647
								TP-4650 5 1/2" 15.5
								ST-42'
								TURBOZZERS-1,2,3,4,5,6,7,8,9,10,11,12,13,14
								CMT BSKTS - 15, 61 REG. CMT - 60
								PORT COLLAR = 2032 TOPTT # 61
	1300							DROP BALL - CIRCULATE ROTATE
	1350	7	12		✓		400	PUMP 500 GAL MUD FLUSH "
	1352	7	20		✓		400	PUMP 20 BBL KCL FLUSH "
	1356		7					PLUG RH (30 SKS)
	1400	6	41		✓		250	MIX CEMENT - 170 SKS EA-2 = 15.5 PPG "
	1408							WASH OUT PUMP. LINES
	1408							RELEASE LATCH DOWN PLUG
	1410	7 1/2	0		✓			DISPLACE PLUG "
	1425	6	109.7				1500	PLUG DOWN - PSE UP LATCH TO PLUG
	1427						OK	RELEASE PSE-HELD
								WASH TRUCK
	1530							JOB COMPLETE
								THANK YOU WAXE, JEFF, ROB



CEMENTING LOG

STAGE NO. _____

Date 5/16/19 District Great Bend, KS Ticket No. 62431
 Company Blue Goose Rig HD 03
 Lease B2011 Well No. 1
 County Lawrence State KS
 Location Pigman 9E 1 1/2 N Field _____

CEMENT DATA:
 Spacer Type: Freshwater
 Amt. 5 bbls Sks Yield _____ ft³/sk Density 60.34 PPG _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 6 5/8 Type REG Weight 24.8 Collar SRL

LEAD: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

Casing Depths: Top KB Bottom 253

TAIL: Pump Time 31:00 hrs. Type CLASS A
 Amt. 175 Sks Yield 1.34 ft³/sk Density 15.2 PPG _____
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls. _____

Drill Pipe: Size 4 1/2 Weight 16.6 Collars x-wide
 Open Hole: Size 12 1/4 T.D. _____ ft. P.B. to _____ ft.

Pump Trucks Used 395-726 J
 Bulk Equip. 304-170 Mike S

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 26.37 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. 21.42 Lin. ft./Bbl. 70.37
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Freshwater Amt. _____ Bbls. Weight 6.74 PPG _____
 Mud Type NATIVE Weight 9.2 PPG _____

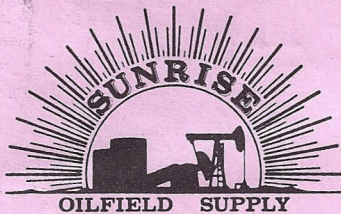
COMPANY REPRESENTATIVE _____

CEMENTER Dustin C

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						2N Location - Rig up Had safety meeting
						Run 5 5/8 casing Break circulation with Ash mud Hook up cement pump
				5 bbls		Pump 5 bbls Freshwater Ahead
			16.76	11.76		Mix 175 sks class A 31:00 21:00
			61.92	15.16		Displace - 15.16 bbls Freshwater 9 shut in
						Cement did circulation plug Run - 7:30 pm Rig Down

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs. THANK YOU

PIPE



TALLY

DATE 5-16 20 13

PAGE 1 OF 1

CUSTOMER Blue Grass Dily LEASE & WELL NO. Borell D #1

USED/NEW COND LS SIZE 8 3/8 WT 20 GRD _____ THD STC R- 3

MFG _____ ORDER BY _____ SHIP VIA Fritzlers

#	FT.	IN.	#	FT.	IN.	#	FT.	IN.	#	FT.	IN.	#	FT.	IN.	#	FT.	IN.			
1	42	-	26			51			76			101			126			151		
2	37	40	27			52			77			102			127			152		
3	40	50	28			53			78			103			128			153		
4	42	-	29			54			79			104			129			154		
5	42	-	30			55			80			105			130			155		
6	42	-	31			56			81			106			131			156		
7			32			57			82			107			132			157		
8			33			58			83			108			133			158		
9			34			59			84			109			134			159		
10			35			60			85			110			135			160		
11			36			61			86			111			136			161		
12			37			62			87			112			137			162		
13			38			63			88			113			138			163		
14			39			64			89			114			139			164		
15			40			65			90			115			140			165		
16			41			66			91			116			141			166		
17			42			67			92			117			142			167		
18			43			68			93			118			143			168		
19			44			69			94			119			144			169		
20			45			70			95			120			145			170		
21			46			71			96			121			146			171		
22			47			72			97			122			147			172		
23			48			73			98			123			148			173		
24			49			74			99			124			149			174		
25			50			75			100			125			150			175		
T	245	90	T			T			T			T			T			T		

TALLIED BY AH SS TOTAL JTS 60 TOTAL FOOTAGE 245.90

SPECIAL INSTRUCTIONS _____

ORIGINAL TO REMAIN IN BOOK - DUPLICATE TO BE ATTACHED TO CUSTOMER'S INVOICE - TRIPLICATE TO BE GIVEN TO CUSTOMER'S REPRESENTATIVE AT TIME OF DELIVERY.

ALLIED OIL & GAS SERVICES, LLC 060431

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Great Bend, KS

DATE <u>5-16-13</u>	SEC. <u>9</u>	TWP. <u>18S</u>	RANGE <u>77W</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30 pm</u>	JOB FINISH <u>8:00 pm</u>
LEASE <u>Bozell</u>		WELL # <u>1</u>		LOCATION <u>Dighton 9E 1 1/2 N</u>		COUNTY <u>Lane</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>(N)</u>							

CONTRACTOR HD Drilling # 3
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D.
 CASING SIZE 5 5/8 DEPTH 253
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2 DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15 FT
 PERFS.
 DISPLACEMENT 15.16 bbls Freshwater

OWNER _____
 CEMENT AMOUNT ORDERED 175 SKS class A 3-1 cc
2-1 cc

EQUIPMENT
 PUMP TRUCK # 350 CEMENTER Dustin Chambers
 HELPER Josh Isaac
 BULK TRUCK # 344-170 DRIVER Mike Southern
 BULK TRUCK # DRIVER

COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____

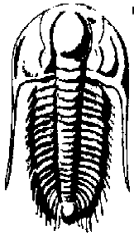
REMARKS:
Break circulation with Big mud
run 5 bbls Freshwater ahead
mix 175 SKS class A 3-1 cc 2-1 cc
Displace 15.16 bbls Freshwater
+ shut in
Cement did circulate
plug down 7:30 PM
Big down

CHARGE TO: Blue Goose Drilling
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL _____
SERVICE
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____
 MANIFOLD _____ @ _____
 _____ @ _____

To: Allied Oil & Gas Services, 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

TOTAL _____
PLUG & FLOAT EQUIPMENT
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____
 SALES TAX (If Any) _____



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Blue Goose Drilling Co., Inc.

9-18s-27w Lane Co.

PO Box 1413
Great Bend, KS 67530

Borell "D" #1

Job Ticket: 49127

DST#: 1

ATTN: Vern Schrag

Test Start: 2013.05.21 @ 12:50:00

GENERAL INFORMATION:

Formation: **"H"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 14:30:00 Tester: Sam Esparza
 Time Test Ended: 18:05:45 Unit No: 64
 Interval: **4123.00 ft (KB) To 4142.00 ft (KB) (TVD)** Reference Elevations: 2692.00 ft (KB)
 Total Depth: 4142.00 ft (KB) (TVD) 2683.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 9.00 ft

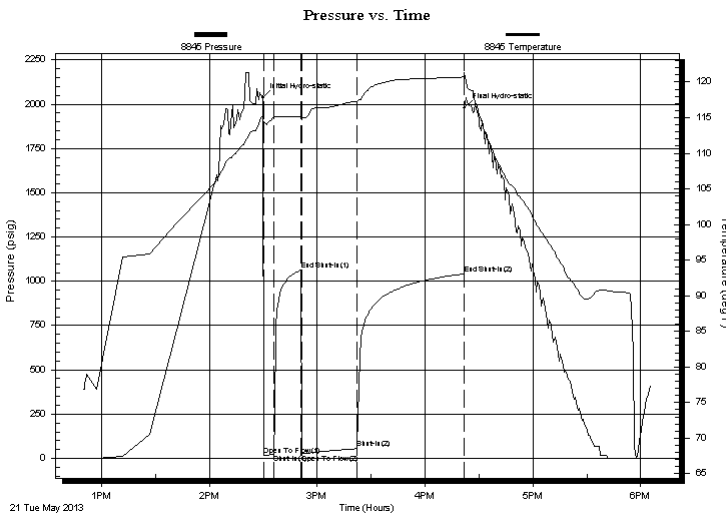
Serial #: 8845

Outside

Press@RunDepth: 54.71 psig @ 4124.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.05.21 End Date: 2013.05.21 Last Calib.: 2013.05.21
 Start Time: 12:50:05 End Time: 18:05:44 Time On Btm: 2013.05.21 @ 14:29:45
 Time Off Btm: 2013.05.21 @ 16:22:00

TEST COMMENT: IF: 3/4" Blow .
 IS: No Return.
 FF: 2 1/2" Blow .
 FSI: No Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2037.15	115.08	Initial Hydro-static
1	15.31	114.08	Open To Flow (1)
7	23.06	115.12	Shut-In(1)
22	1063.86	115.22	End Shut-In(1)
22	24.56	114.73	Open To Flow (2)
53	54.71	117.30	Shut-In(2)
112	1042.00	120.72	End Shut-In(2)
113	1980.15	121.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	WM 30w 70m	0.30
10.00	WM 10w 90m	0.05

Gas Rates

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

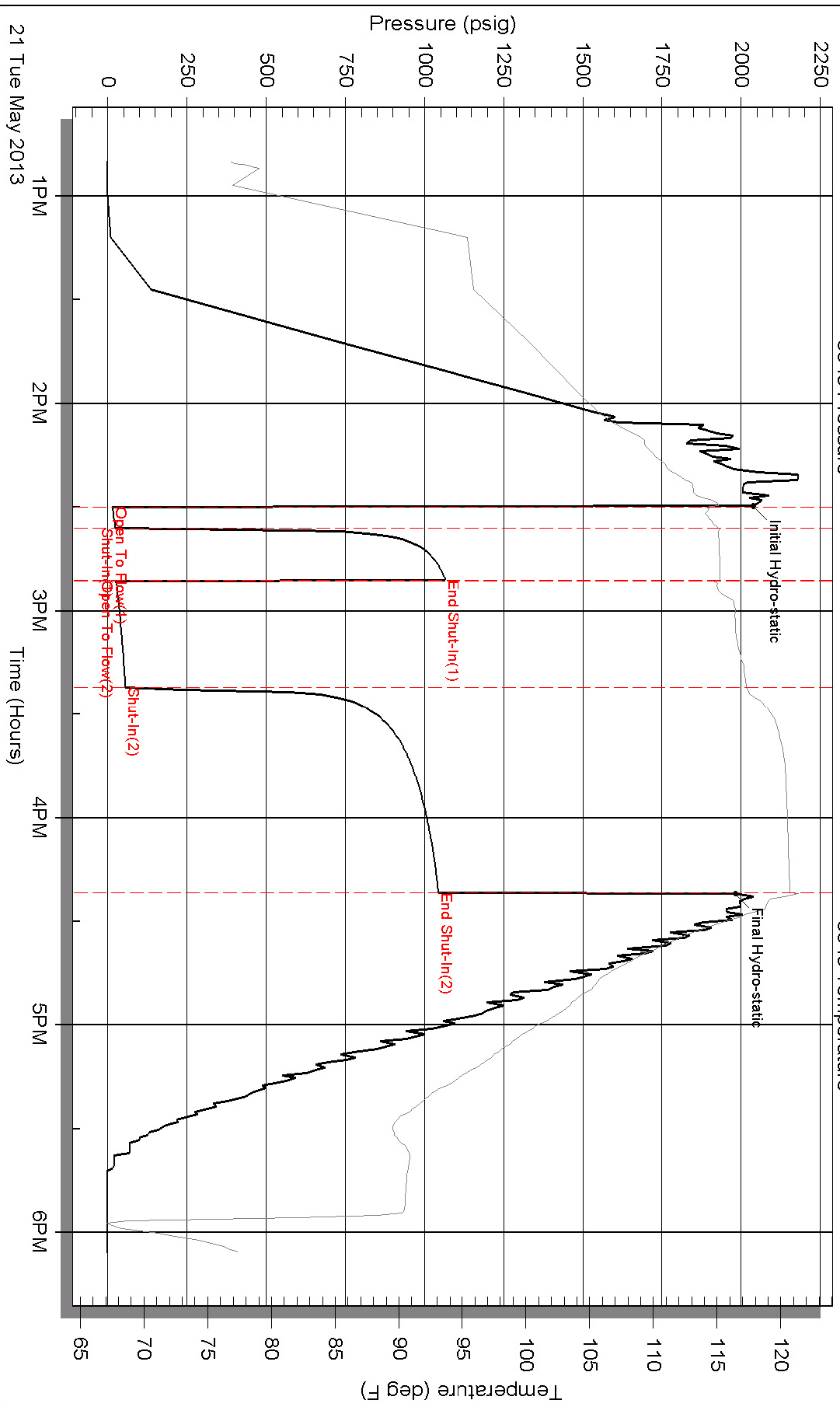
Serial #: 8845

Outside Blue Goose Drilling Co., Inc.

Borell "D" #1

DST Test Number: 1

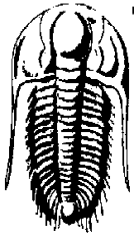
Pressure vs. Time



Triobite Testing, Inc

Ref. No: 49127

Printed: 2013.05.21 @ 18:25:47



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Blue Goose Drilling Co., Inc.

9-18s-27w Lane Co.

PO Box 1413
Great Bend, KS 67530

Borell "D" #1

Job Ticket: 49128

DST#: 2

ATTN: Vern Schrag

Test Start: 2013.05.22 @ 09:49:00

GENERAL INFORMATION:

Formation: " K "

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:15:45

Time Test Ended: 16:07:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4222.00 ft (KB) To 4245.00 ft (KB) (TVD)

Reference Elevations: 2692.00 ft (KB)

Total Depth: 4245.00 ft (KB) (TVD)

2683.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 8845 Outside

Press@RunDepth: 75.29 psig @ 4223.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.05.22

End Date:

2013.05.22

Last Calib.:

2013.05.22

Start Time: 09:49:05

End Time:

16:07:14

Time On Btm:

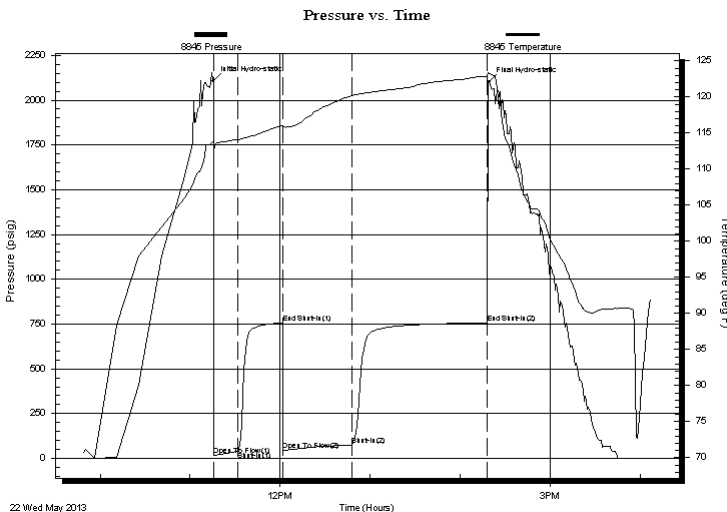
2013.05.22 @ 11:15:30

Time Off Btm:

2013.05.22 @ 14:19:15

TEST COMMENT: IF: 2 1/2" Blow.
IS: No Return.
FF: 6 1/4" Blow.
FSI: No Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2108.62	113.78	Initial Hydro-static
1	14.71	112.41	Open To Flow (1)
17	38.12	114.11	Shut-In(1)
47	757.59	116.00	End Shut-In(1)
47	44.37	115.74	Open To Flow (2)
93	75.29	120.20	Shut-In(2)
183	757.56	122.87	End Shut-In(2)
184	2100.69	123.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MW (Oil Spots) 20m 80w	0.30
60.00	GOWCM 2g 5o 5w 88m	0.31
20.00	GOCM 5g 35o 60m	0.28

Gas Rates

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

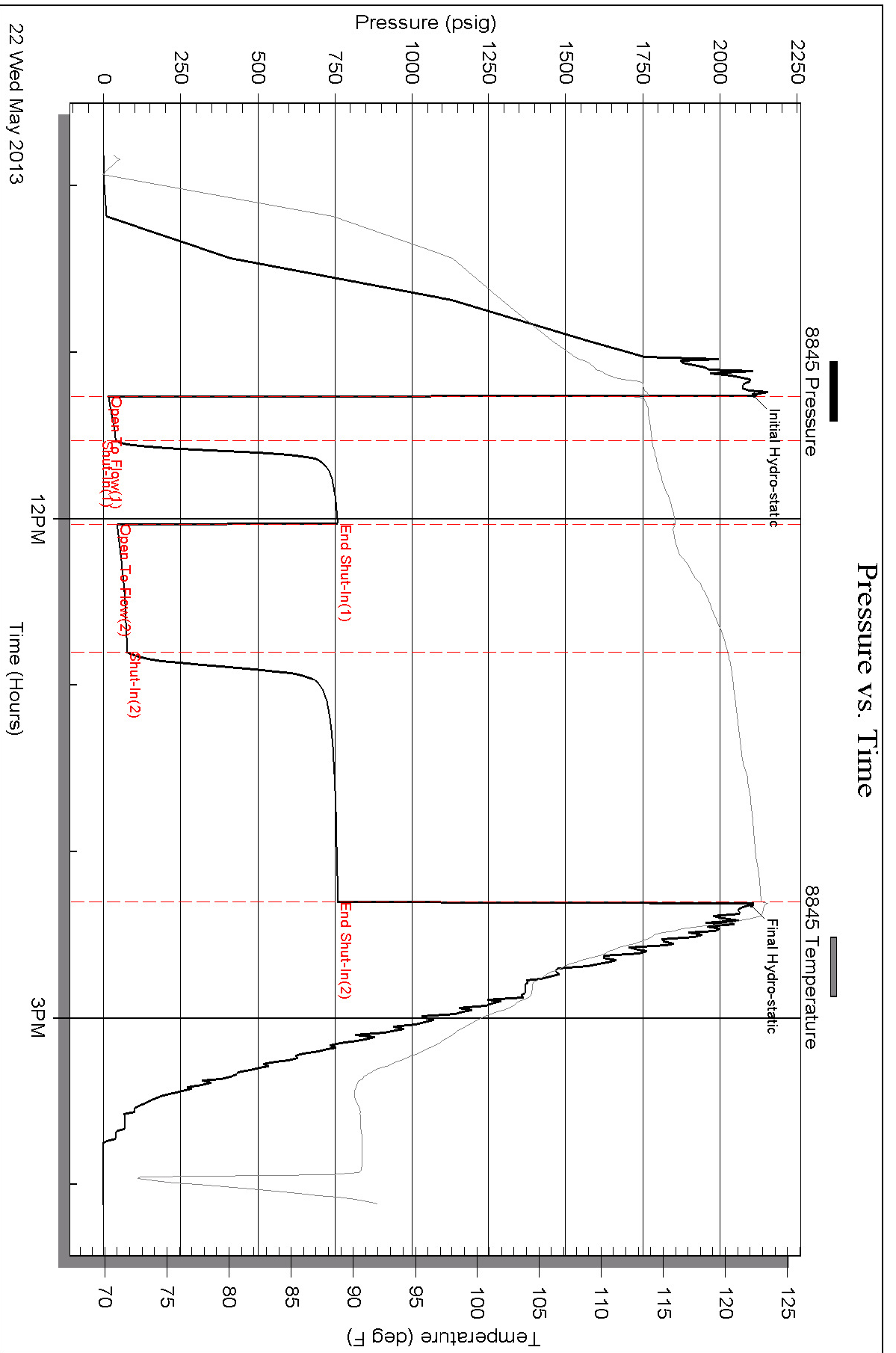
* Recovery from multiple tests

Serial #: 8845

Outside Blue Goose Drilling Co., Inc.

Borell "D" #1

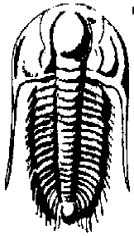
DST Test Number: 2



Triobite Testing, Inc

Ref. No: 49128

Printed: 2013.05.22 @ 16:21:49



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Blue Goose Drilling Co., Inc.

9-18s-27w Lane Co.

PO Box 1413
Great Bend, KS 67530

Borell "D" #1

Job Ticket: 49129

DST#: 3

ATTN: Vern Schrag

Test Start: 2013.05.23 @ 01:37:00

GENERAL INFORMATION:

Formation: **Middle Creek & " L "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:58:45

Time Test Ended: 07:43:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4259.00 ft (KB) To 4273.00 ft (KB) (TVD)

Total Depth: 4273.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2692.00 ft (KB)

2683.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8845 Outside

Press@RunDepth: 49.90 psig @ 4260.00 ft (KB)

Start Date: 2013.05.23

End Date:

2013.05.23

Start Time: 01:37:05

End Time:

07:42:59

Capacity: 8000.00 psig

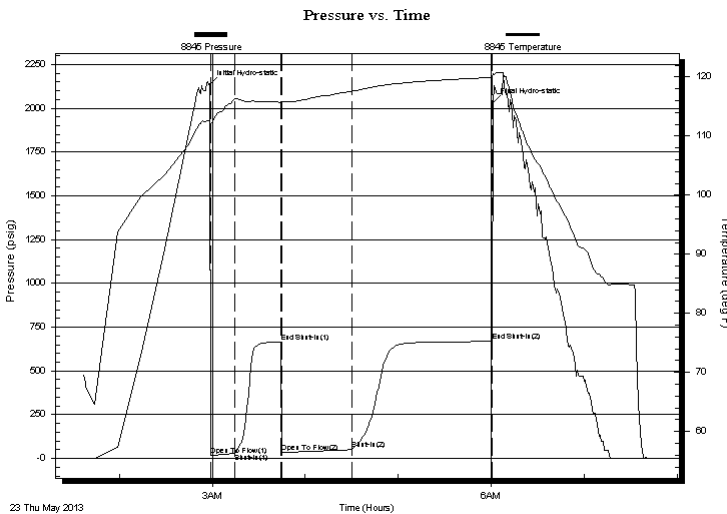
Last Calib.: 2013.05.23

Time On Btm: 2013.05.23 @ 02:58:30

Time Off Btm: 2013.05.23 @ 06:01:00

TEST COMMENT: IF: 2 3/4" Blow.
IS: No Return.
FF: 9" Blow.
FSI: No Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2133.91	112.55	Initial Hydro-static
1	15.23	111.55	Open To Flow (1)
16	28.18	116.28	Shut-In(1)
46	665.77	115.76	End Shut-In(1)
47	32.42	115.66	Open To Flow (2)
92	49.90	117.61	Shut-In(2)
183	667.80	119.96	End Shut-In(2)
183	2034.28	120.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM 15g 30o 55m	0.30
20.00	GOCM 10g 10o 80m	0.10
0.00	100' GIP	0.00

Gas Rates

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

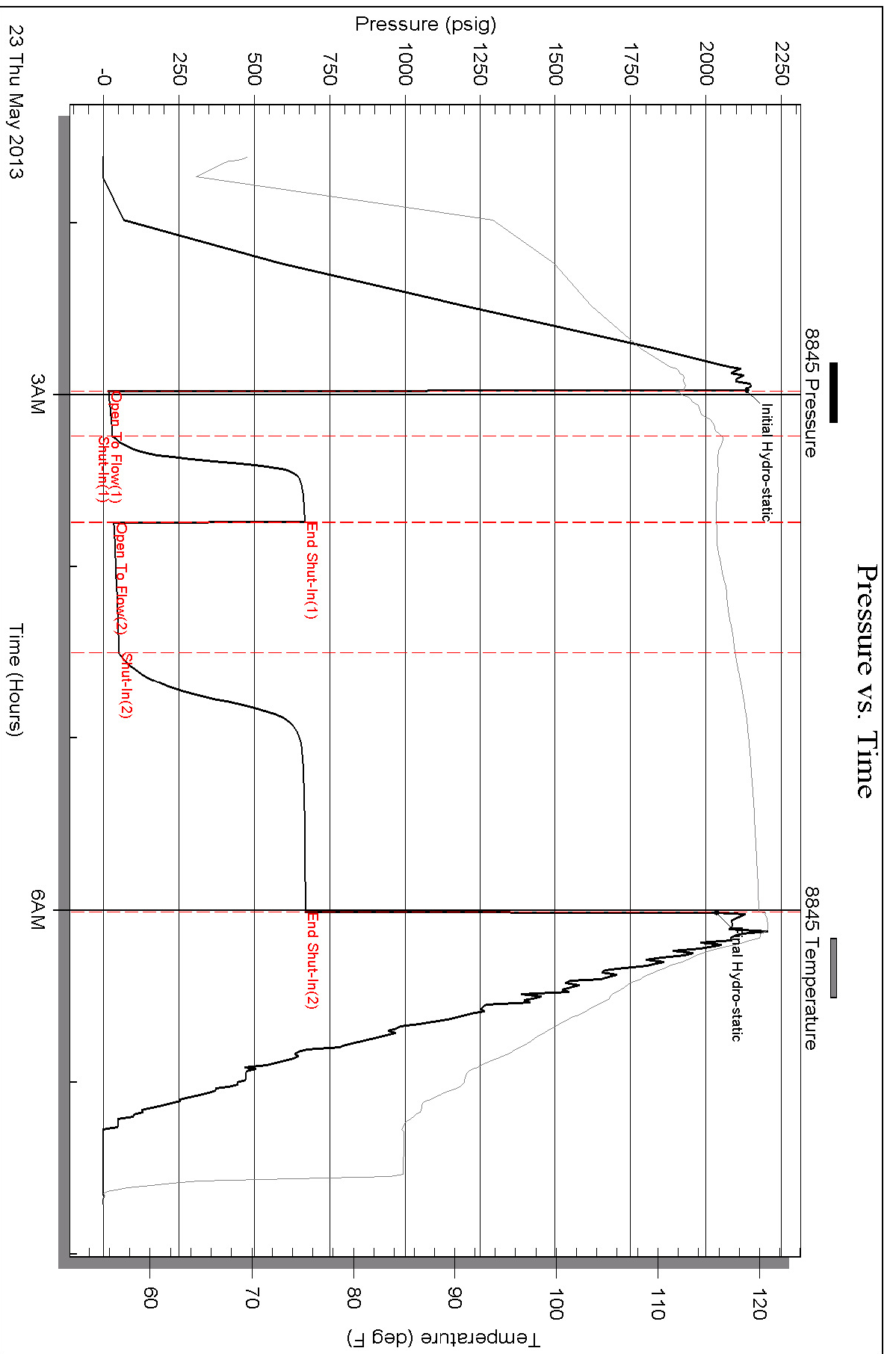
* Recovery from multiple tests

Serial #: 8845

Outside Blue Goose Drilling Co., Inc.

Borell "D" #1

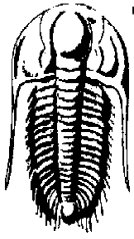
DST Test Number: 3



Triobite Testing, Inc

Ref. No: 49129

Printed: 2013.05.23 @ 07:57:59



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Blue Goose Drilling Co., Inc.

9-18s-27w Lane Co.

PO Box 1413
Great Bend, KS 67530

Borell "D" #1

Job Ticket: 49130

DST#: 4

ATTN: Vern Schrag

Test Start: 2013.05.24 @ 02:07:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:46:45

Time Test Ended: 08:38:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4295.00 ft (KB) To 4390.00 ft (KB) (TVD)

Reference Elevations: 2692.00 ft (KB)

Total Depth: 4390.00 ft (KB) (TVD)

2683.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 8845 Outside

Press@RunDepth: 28.20 psig @ 4296.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.05.24 End Date: 2013.05.24

Last Calib.: 2013.05.24

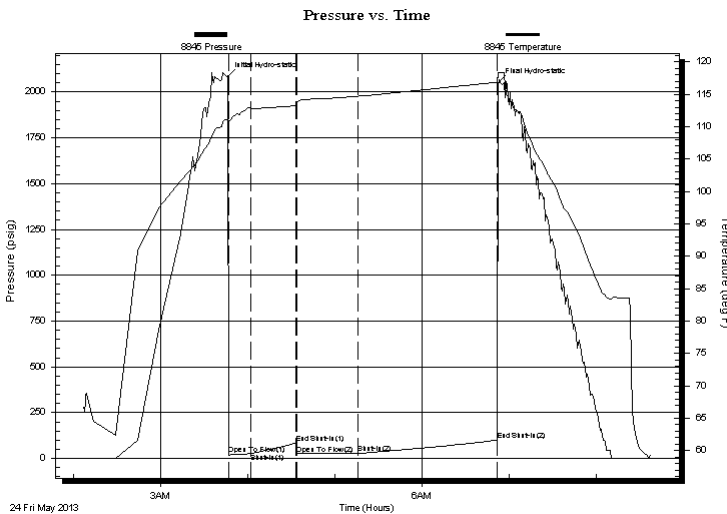
Start Time: 02:07:05 End Time: 08:37:59

Time On Btm: 2013.05.24 @ 03:46:30

Time Off Btm: 2013.05.24 @ 06:52:15

TEST COMMENT: IF: 1 1/4" Blow.
IS: No Return.
FF: 1 1/4" Blow.
FS: No Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2083.12	111.18	Initial Hydro-static
1	20.63	109.85	Open To Flow (1)
16	25.26	112.86	Shut-In(1)
47	82.74	113.23	End Shut-In(1)
47	22.66	113.45	Open To Flow (2)
90	28.20	114.69	Shut-In(2)
186	100.44	116.84	End Shut-In(2)
186	2050.51	118.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud 100m	0.15

* Recovery from multiple tests

Gas Rates

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

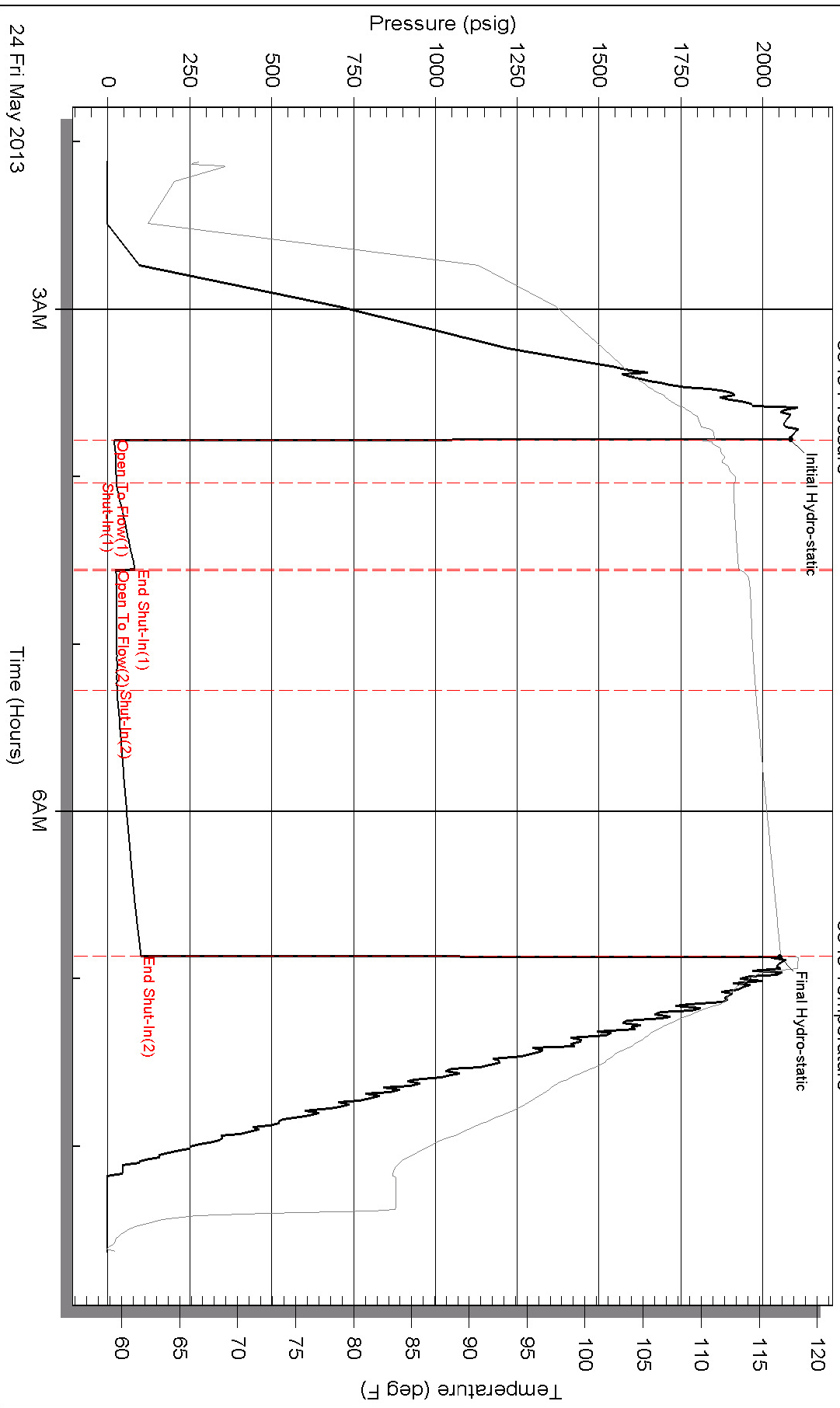
Serial #: 8845

Outside Blue Goose Drilling Co., Inc.

Borell "D" #1

DST Test Number: 4

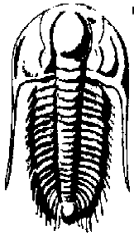
Pressure vs. Time



Triobite Testing, Inc

Ref. No: 49130

Printed: 2013.05.24 @ 08:50:18



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Blue Goose Drilling Co., Inc.

9-18s-27w Lane Co.

PO Box 1413
Great Bend, KS 67530

Borell "D" #1

Job Ticket: 49131

DST#: 5

ATTN: Vern Schrag

Test Start: 2013.05.25 @ 05:47:00

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:37:45

Time Test Ended: 11:29:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4490.00 ft (KB) To 4570.00 ft (KB) (TVD)

Total Depth: 4570.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2692.00 ft (KB)

2683.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8845 Outside

Press@RunDepth: 21.36 psig @ 4491.00 ft (KB)

Start Date: 2013.05.25

End Date: 2013.05.25

Start Time: 05:47:05

End Time: 11:29:29

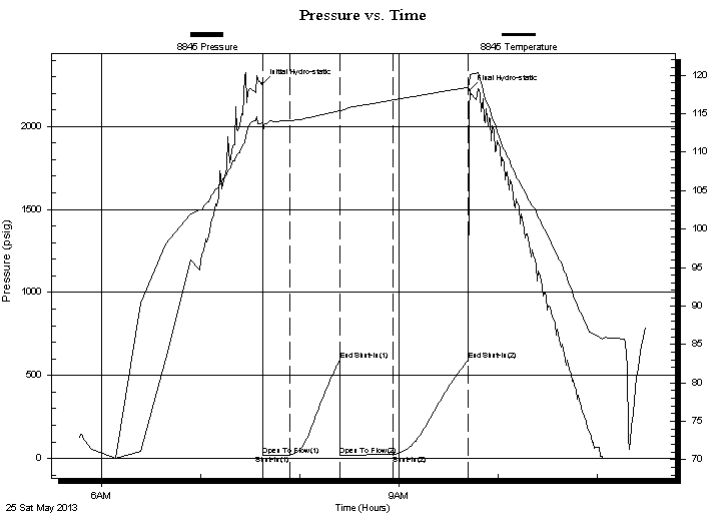
Capacity: 8000.00 psig

Last Calib.: 2013.05.25

Time On Btm: 2013.05.25 @ 07:37:30

Time Off Btm: 2013.05.25 @ 09:42:45

TEST COMMENT: IF: 3/4" Blow.
IS: No Return.
FF: Weak Surface Blow . Died @ 24 min.
FSI: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2256.56	113.78	Initial Hydro-static
1	18.77	112.30	Open To Flow (1)
17	18.48	114.06	Shut-In(1)
47	590.76	115.36	End Shut-In(1)
47	19.72	115.14	Open To Flow (2)
79	21.36	116.78	Shut-In(2)
125	589.96	118.40	End Shut-In(2)
126	2221.90	119.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100m	0.05

* Recovery from multiple tests

Gas Rates

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

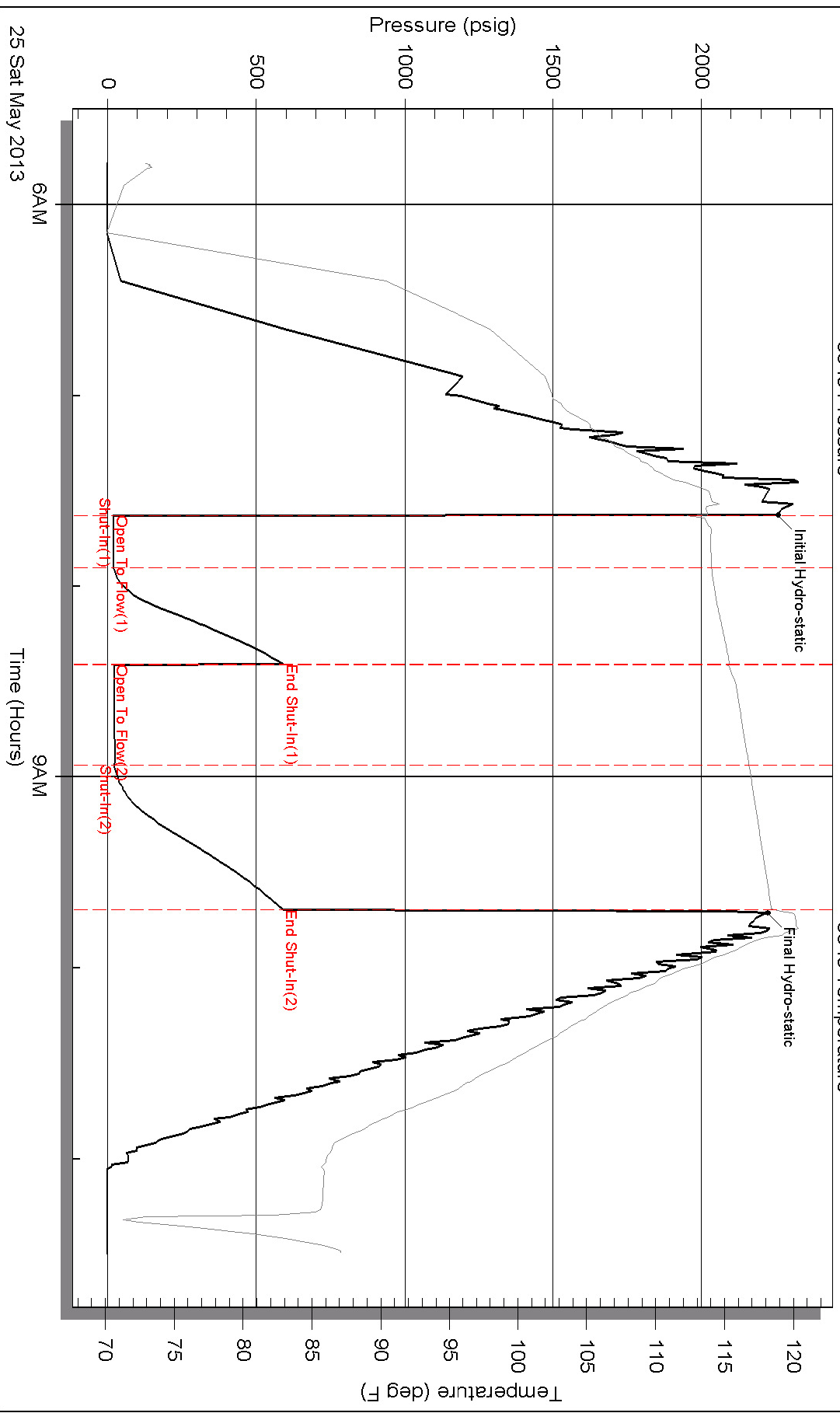
Serial #: 8845

Outside Blue Goose Drilling Co., Inc.

Borell "D" #1

DST Test Number: 5

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 49131

Printed: 2013.05.25 @ 11:42:28

WELLSITE GEOLOGIST'S REPORT

VERNON C. SCHRAG
CONSULTANT GEOLOGIST

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

Well Name: Borell "D" #1
Location: NW NE SE SW SEC. 09-18s-27w
Licence Number: API: 15-101-22440
Spud Date: May 16, 2013
Surface Coordinates: 1208' FSL & 2262' FWL

Region: Lane Co., KS
Drilling Completed: May 26, 2013

Bottom Hole Coordinates:
Ground Elevation (ft): 2685' K.B. Elevation (ft): 2692'
Logged Interval (ft): 3750' To: RTD Total Depth (ft): 4646'
Formation: Mississippi
Type of Drilling Fluid: Chemical Premix (Displaced)

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

OPERATOR:

Company: Blue Goose Drilling Co., Inc.
Address: P.O. Box 1413
Great Bend, KS 67530-1413

DRILLING CONTRACTOR:

H. D. Drilling, LLC, Rig #3

DP 4.5" XH (16.6#); DC 6.25" x 2.25" x 560'; Kelly 40.30'; Tool Joint 5.5" ; Bit: 7-7/8", JZ-MD-23M, jets 15-15-15; rpm 80, WOB 35k; Kelly Bushing 7' above ground level; LeWayne "Lew" Tresner (tool pusher).

CASING:

Set 8-5/8" casing at 253'
Set 5-1/2" production casing

CIRCULATION SYSTEM:

Continental EMSCO D-300, duplex, 6 x 14, 60 spm, Chemical, premix, displaced; earth pits, Morgan Mud, Inc., McCook, NE, Cade Lines.

OPEN HOLE LOGS:

DN, DI (SP) (Run-1); ML (Run-2); No Sonic; 5" detail LTD-3600; 2" DI to surface casing; LogTech-Pioneer Wireline, Hays, KS, R. Barnhart, Log total depth (4648') was two feet long to rotary total depth (4646').

DRILL STEM TEST #1:

LKC "H": Interval: 4123-4142 (19'); Blow: weak incr to 3/4" IFP; no RB, weak incr to 2.5" FFP, no RB; Times: 5-15-30-60; Recovery: 70' TF, no GIP: 10' WM (106%W, 90%M), 60' WM (30%W, 70%M, Rw 0.174 at 82 F, chlorides 50k); Pressures: HP: 2037-1980; SIP: 1064-1042; FP: 15-23, 25-55; BHT: 121 F; 118' DC; Trilobite Testing, Inc., Scott City, KS, Samuel Esparza.

DRILL STEM TEST #2:

LKC "K": Interval: 4222-4245 (23'); Blow: weak incr to 2.5" IFP, no RB, weak incr to 6.25" FFP, no RB; Times: 15-30-45-90; Recovery: 140' TF, no GIP: 20' GOCM (5%G, 35%O, 60%M), 60' GOWCM (2%G, 5%O, 5%W, 88%M), 60' MW w/oil spots (80%W, 20%M, Rw 0.105 at 91 F, chlorides 55k); Pressures: HP: 2109-2101, SIP: 758-758, FP: 15-38, 44-75; BHT: 123 F; 118' DC, Trilobite Testing, Inc., Scott City, KS, Samuel Esparza.

DRILL STEM TEST #3:

LKC "Middle Creek" & top of "L-zone": Interval: 4259-4273 (14'); Blow: weak incr to 2.75" IFP, no RB, weak incr to 9" FFP, no RB; Times: 15-30-45-90; Recovery: 80' TF, 100' GIP: 20' GOCM (10%G, 10%O, 80%M), 60' GOCM (15%G, 30%O, 55%M); Pressures: HP: 2134-2034, SIP: 666-668; FP: 15-28, 32-50; BHT: 120 F; 118' DC; Trilobite Testing, Inc., Scott City, KS, Samuel Esparza.

DRILL STEM TEST #4:

Pleasanton thru Marmaton: Interval: 4295-4390 (95'); Blow: weak incr to 1.25" IFP, no RB, weak incr to 1.25" FFP, no RB; Times: 15-30-45-90; Recovery: 30' Mud (100%M); Pressures: HP: 2083-2051; SIP: 83-100; FP: 21-25, 23-28; BHT: 117 F; 118' DC; Trilobite Testing, Inc., Scott City, KS, Samuel Esparza.

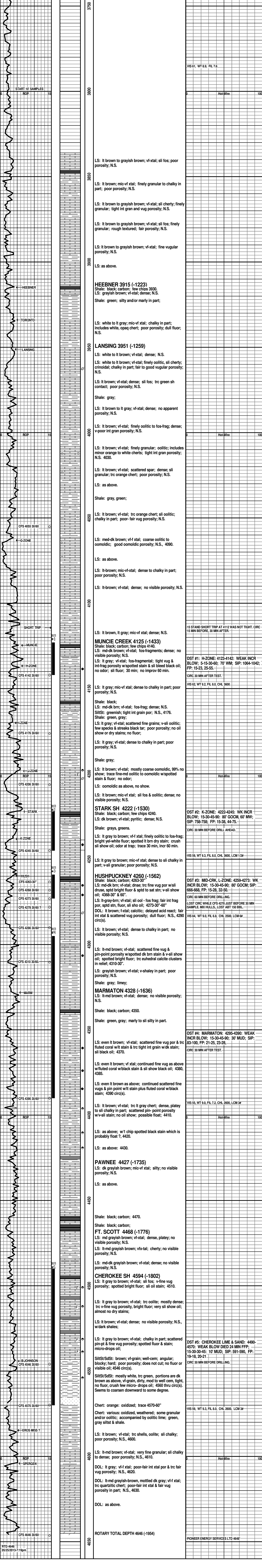
DRILL STEM TEST #5:

Cherokee Lime thru Sand: Interval: 4490-4570 (80'); Blow: weak incr 3/4" IFP, no RB, blow died 24 min FFP; Times: 15-30-30-45; Recovery: 10' Mud (100%M); Pressures: HP: 2257-2222; SIP: 591-590; FP: 19-18, 20-21; BHT: 118 F; 118' DC; Trilobite Testing, Inc., Scott City, KS, Samuel Esparza.

REMARKS:

It was elected to set 5-1/2" production casing to further test the following intervals (log measurements):

LKC "K": 4238 - 4241' DST #2
Middle Creek LS 4266 - 4269' DST #3
LKC "L" 4272 - 4276' DST #3



Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

September 30, 2013

Martin Miller
Blue Goose Drilling Company, Inc.
PO BOX 1413
GREAT BEND, KS 67530-1413

Re: ACO1
API 15-101-22440-00-00
Borell D 1
SW/4 Sec.09-18S-27W
Lane 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,
Martin Miller

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

October 07, 2013

Martin Miller
Blue Goose Drilling Company, Inc.
PO BOX 1413
GREAT BEND, KS 67530-1413

Re: ACO-1
API 15-101-22440-00-00
Borell D 1
SW/4 Sec.09-18S-27W
Lane County, Kansas

Dear Martin Miller:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 05/16/2013 and the ACO-1 was received on September 30, 2013 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department