



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: _____



1053095

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
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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
<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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Cholla Production, LLC
Well Name	STITHEM 1-4
Doc ID	1053095

All Electric Logs Run

Dual Induction Log
Sonic
Microresistivity
Dual Compensated Porosity

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 4434

Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
12-8-10	4	11	23	Trego	KS		5:45pm
Lease <i>St. them</i>		Well No. <i>1-4</i>		Location <i>Wakeney v Co Line 1/2 Winto</i>			
Contractor <i>WW #8</i>				Owner			
Type Job <i>Surface</i>				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size <i>12 1/4</i>		T.D. <i>261</i>		Charge To <i>Chella Productions</i>			
Csg. <i>8 5/8</i>		Depth <i>261</i>		Street			
Tbg. Size		Depth		City			
Tool		Depth		State			
Cement Left in Csg. <i>15'</i>		Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line		Displace <i>15 1/2 BBL</i>		Cement Amount Ordered <i>150 com 30% LL 20% Gel</i>			

EQUIPMENT

Pumptrk	No.	Cement	Helper	Common
9		<i>Craig</i>		<i>150</i>
Bulktrk	No.	Driver	<i>Faul</i>	Poz. Mix
Bulktrk <i>10</i>	No.	Driver	<i>Drug</i>	Gel. <i>3</i>
JOB SERVICES & REMARKS				Calcium <i>5</i>

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
<i>8 5/8 on bottom Est. Circulation.</i>	Sand
<i>Mix 150 SK 4 Displace.</i>	Handling <i>158</i>
<i>Cement Circulated.</i>	Mileage

FLOAT EQUIPMENT

Guide Shoe
Centralizer
Baskets
AFU Inserts
Float Shoe
Latch Down

Pumptrk Charge <i>Surface</i>	Tax
Mileage <i>47</i>	Discount
Signature <i>[Signature]</i>	Total Charge

JOB LOG

SWIFT Services, Inc.

DATE 12-16-10 PAGE NO. 1

CUSTOMER Cholla Prod. LLC WELL NO. 1-4 LEASE Stithem JOB TYPE Cement Logging TICKET NO. 19350

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0630							On location w/ F.E. Rig LDDP.
	0730							Rig Fin LDDP. Rig up to Run 4 1/2" casing
								Insert Float Shoe w/ Auto Fill
								L.D. Baffle - 5J-21' @ 3975' 105#/ft.
								Cent. 1-3-5-7-9-11-13-15-17-19-55
								Cement Baskets Pin #2 - #56
								D.V. #56 collar @ 1763'
	0830							Rig start 4 1/2" casing
								Drop Ball 6 sts out
	1000							Fin Run casing - 0 PP Bottom 212'
	1005							start cir & set casing
	1120							Fin cir - Hook up for 1st stage
	1125	5				250		Pump 500 gal Mud Flush
		6				300		Pump 20 BBL KCL Flush
		4 1/2				200		start 225 SKS EA-2 cent @ 15.5 #/gal
	1152	0				250		Fin cent - Wash Pump & Lines
	1155	9				350		LD Plug - Start Drop 63 BBL @ 35'
	1200	9	35			450		Caught cent - Start Mud (28)
	1205		63			800 / 1500		Plug Down - Hold - Release & Hold
	1206					0		Drop D.V opening tool - Wash up P.T.
	1225					1150 / 250		Open D.V with Tit / Mud
	1230							Rig start cir for 2nd stage 1 1/2 HR.
	1350		9					Plug RH - 30 SKS @ 13.5 #/gal (SMD)
	1400							Fin cir - Hook to Tit -
	1400	5				225		Start 20 BBL KCL Flush
		6				225		Fin Flush - Start 230 SKS SMD @ 11.2 #/gal
	1429		130			225		Fin cent - Release Closing Plug.
						0		Cement cir to Pit
	1430	6 1/2				350		Start Displ
	1435		28			500 / 1500		Plug Down - D.V. Closed - Hold - Release & Hold
	1445							Job Complete
								Washup & Rackup Tools
								Thanks Alan, Doug, Rob, & John V.
								70 SKS cir to Pit @ 11.2 #/gal
	1515							

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/>

Thomas E. Wright, Chairman
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

March 31, 2011

Emily Hundley-Goff
Cholla Production, LLC
7851 S ELATI ST STE 201
LITTLETON, CO 80120-8081

Re: ACO1
API 15-195-22691-00-00
STITHEM 1-4
SE/4 Sec.04-11S-23W
Trego 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,
Emily Hundley-Goff



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Cholla Production LLC

Stithem #1-4

7851 S. Elati St. STE 201
Littleton, CO 80120

4/11s/23w Trego KS

Job Ticket: 040091

DST#: 1

ATTN: Bill Goff/ Kelly Bran 201

Test Start: 2010.12.12 @ 00:12:00

GENERAL INFORMATION:

Formation: **Toronto - Lans. "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:59:15

Time Test Ended: 08:01:00

Test Type: Conventional Bottom Hole

Tester: James Winder

Unit No: 46

Interval: 3498.00 ft (KB) To 3544.00 ft (KB) (TVD)

Reference Elevations: 2291.00 ft (KB)

Total Depth: 3544.00 ft (KB) (TVD)

2286.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8366 Inside

Press @ Run Depth: 17.82 psig @ 3499.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.12.12 End Date: 2010.12.12

Last Calib.: 2010.12.12

Start Time: 00:12:05 End Time: 08:00:59

Time On Btm: 2010.12.12 @ 02:56:30

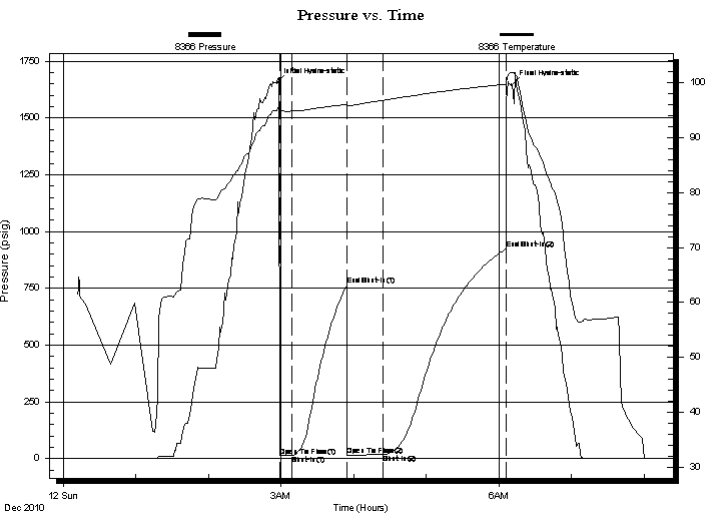
Time Off Btm: 2010.12.12 @ 06:10:30

TEST COMMENT: IF: 1/2" Blow at open, built to 1 1/4" (Diesel in bucket)

IS: Bled off, No blow back

FF: No blow

FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1655.22	94.97	Initial Hydro-static
3	12.69	95.09	Open To Flow (1)
13	15.36	94.83	Shut-In(1)
58	763.39	96.10	End Shut-In(1)
59	15.68	95.81	Open To Flow (2)
88	17.82	96.80	Shut-In(2)
190	924.80	99.75	End Shut-In(2)
194	1645.82	101.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud 100%	0.01
0.00	Oil spots in tool	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cholla Production LLC

Stithem #1-4

7851 S. Elati St. STE 201
Littleton, CO 80120

4/11s/23w Trego KS

Job Ticket: 040091

DST#: 1

ATTN: Bill Goff/ Kelly Bran 201

Test Start: 2010.12.12 @ 00:12:00

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud 100%	0.010
0.00	Oil spots in tool	0.000

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

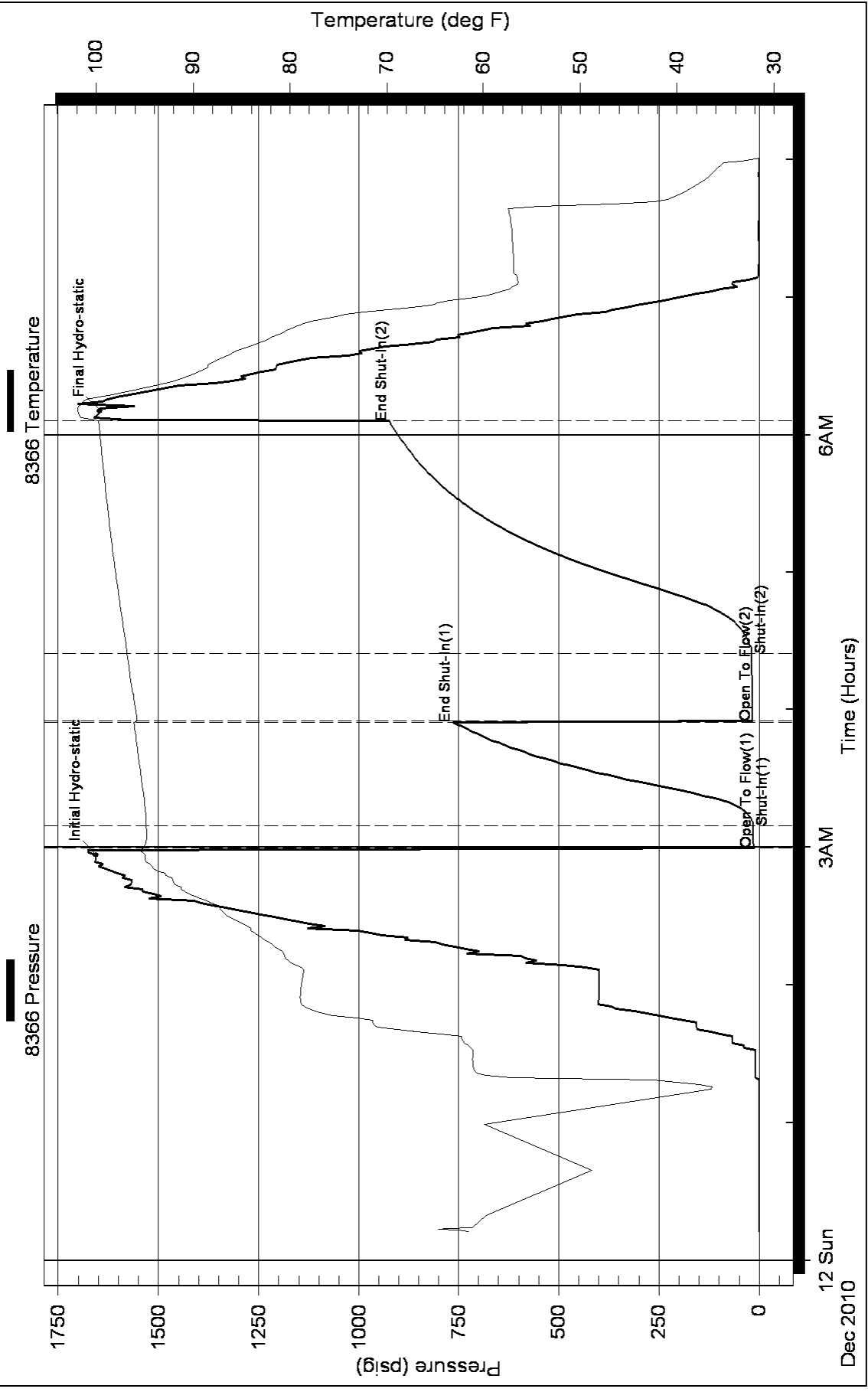
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler: 100 PSI No fluid recovery

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Cholla Production LLC

Stithem #1-4

7851 S. Elati St. STE 201
Littleton, CO 80120

4/11s/23w Trego KS

ATTN: Bill Goff/ Kelly Bran 201

Job Ticket: 040092

DST#: 2

Test Start: 2010.12.12 @ 14:45:00

GENERAL INFORMATION:

Formation: **Lans. "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:23:00

Time Test Ended: 21:36:30

Test Type: Conventional Bottom Hole

Tester: James Winder

Unit No: 46

Interval: 3560.00 ft (KB) To 3580.00 ft (KB) (TVD)

Reference Elevations: 2291.00 ft (KB)

Total Depth: 3580.00 ft (KB) (TVD)

2286.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8366 Inside

Press @ Run Depth: 256.34 psig @ 3561.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.12.12 End Date: 2010.12.12

Last Calib.: 2010.12.12

Start Time: 14:45:05 End Time: 21:36:29

Time On Btm: 2010.12.12 @ 16:20:00

Time Off Btm: 2010.12.12 @ 19:22:15

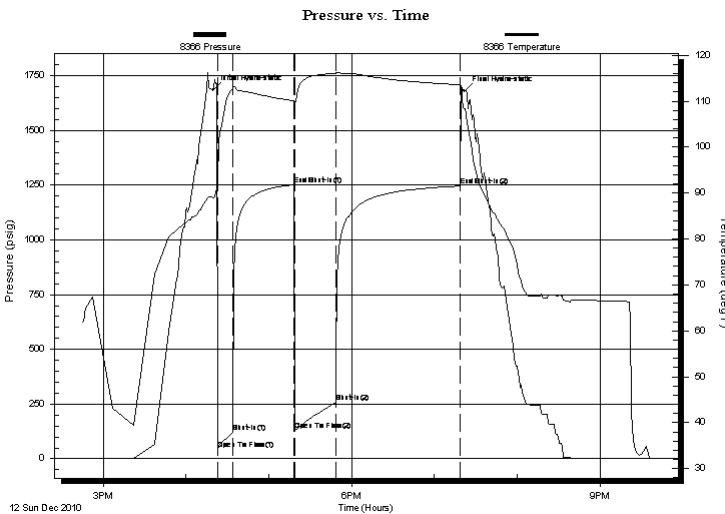
TEST COMMENT: IF: Blow built to BOB (11 1/4") in 3 3/4 min. (Diesel in Bucket)

IS: Blow back built to 6 1/2"

FF: Blow built to BOB in 5 min.

FS: Blow back built to 8 1/4"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1686.84	89.06	Initial Hydro-static
3	41.66	90.89	Open To Flow (1)
14	118.78	112.80	Shut-In(1)
59	1252.11	110.15	End Shut-In(1)
59	130.99	109.40	Open To Flow (2)
89	256.34	116.05	Shut-In(2)
179	1246.46	113.60	End Shut-In(2)
183	1681.65	108.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
315.00	Water w/trace oil 96%w , 4%m	3.30
155.00	SO/MCW 69%w , 27%m, 2%o, 2%g	2.17
50.00	CO 94%o, 4%g, 2%m	0.70
0.00	GIP = 360'	0.00
0.00	Sampler: Over 600 PSI 1800 mL w ater	0.00
0.00	500 mL oil	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cholla Production LLC

Stithem #1-4

7851 S. Elati St. STE 201
Littleton, CO 80120

4/11s/23w Trego KS

Job Ticket: 040092

DST#: 2

ATTN: Bill Goff/ Kelly Bran 201

Test Start: 2010.12.12 @ 14:45:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 60.00 sec/qt
Water Loss: 7.19 in³
Resistivity: ohm.m
Salinity: 1000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 41.8 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
315.00	Water w/trace oil 96%w, 4%m	3.298
155.00	SO/MCW 69%w, 27%m, 2%o, 2%g	2.174
50.00	CO 94%o, 4%g, 2%m	0.701
0.00	GIP = 360'	0.000
0.00	Sampler: Over 600 PSI 1800 mL w ater	0.000
0.00	500 mL oil	0.000

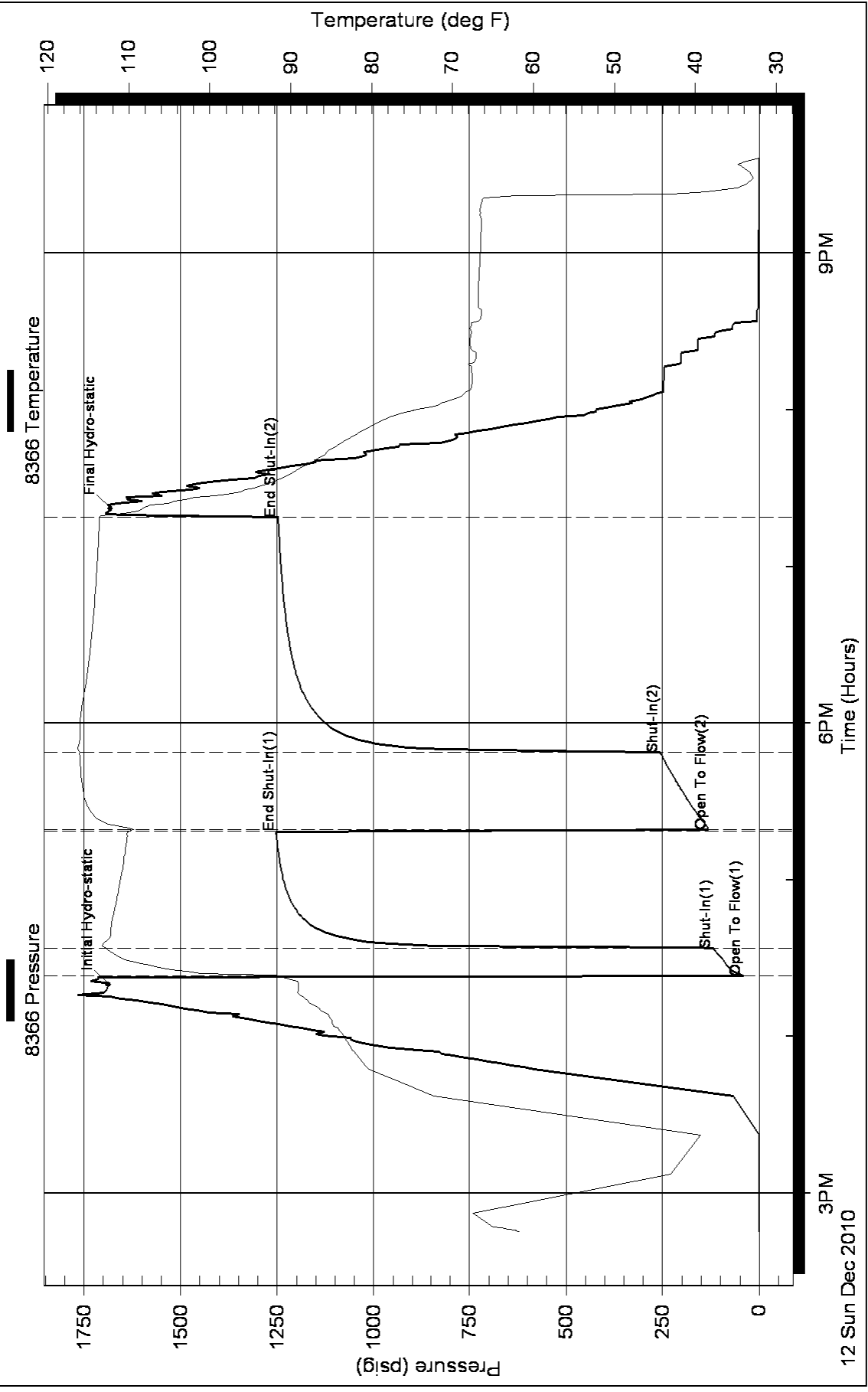
Total Length: 520.00 ft Total Volume: 6.173 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Gravity = 38.6 api @ 28 deg F
Corrected Gravity = 41.8 api

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Cholla Production LLC

Stithem #1-4

7851 S. Elati St. STE 201
Littleton, CO 80120

4/11s/23w Trego KS

ATTN: Bill Goff/ Kelly Bran 201

Job Ticket: 41339

DST#: 3

Test Start: 2010.12.13 @ 04:18:21

GENERAL INFORMATION:

Formation: **LKC "E"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:51:51

Time Test Ended: 11:30:51

Test Type: Conventional Bottom Hole

Tester: Dustin Rash

Unit No: 47

Interval: 3594.00 ft (KB) To 3620.00 ft (KB) (TVD)

Reference Elevations: 2291.00 ft (KB)

Total Depth: 3620.00 ft (KB) (TVD)

2286.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 8319

Inside

Press @ Run Depth: 73.46 psig @ 3598.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.12.13

End Date:

2010.12.13

Last Calib.:

2010.12.13

Start Time:

04:18:26

End Time:

11:30:50

Time On Btm:

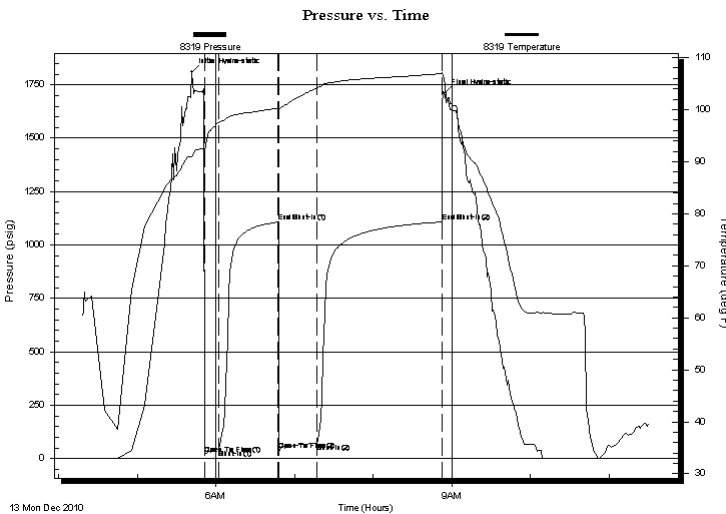
2010.12.13 @ 05:41:51

Time Off Btm:

2010.12.13 @ 08:53:51

TEST COMMENT: IF-Strong building blow . BOB in 9.5 minutes.
ISI-No Return.
FF-Strong building blow . BOB in 2 minutes.
FSI-Blow back @ 11 minutes. Built to 1/2 inch.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1808.18	90.96	Initial Hydro-static
10	19.12	92.08	Open To Flow (1)
20	45.40	97.43	Shut-In(1)
66	1107.82	100.25	End Shut-In(1)
67	39.40	99.90	Open To Flow (2)
96	73.46	104.18	Shut-In(2)
191	1108.05	106.96	End Shut-In(2)
192	1709.26	105.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	50%Mud/40%Oil/10%Gas	0.59
100.00	30%Mud/30%Oil/40%Gas	1.38
0.00	640' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cholla Production LLC

Stithem #1-4

7851 S. Elati St. STE 201
Littleton, CO 80120

4/11s/23w Trego KS

Job Ticket: 41339

DST#: 3

ATTN: Bill Goff/ Kelly Bran 201

Test Start: 2010.12.13 @ 04:18:21

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	50%Mud/40%Oil/10%Gas	0.590
100.00	30%Mud/30%Oil/40%Gas	1.375
0.00	640' GIP	0.000

Total Length: 220.00 ft

Total Volume: 1.965 bbl

Num Fluid Samples: 0

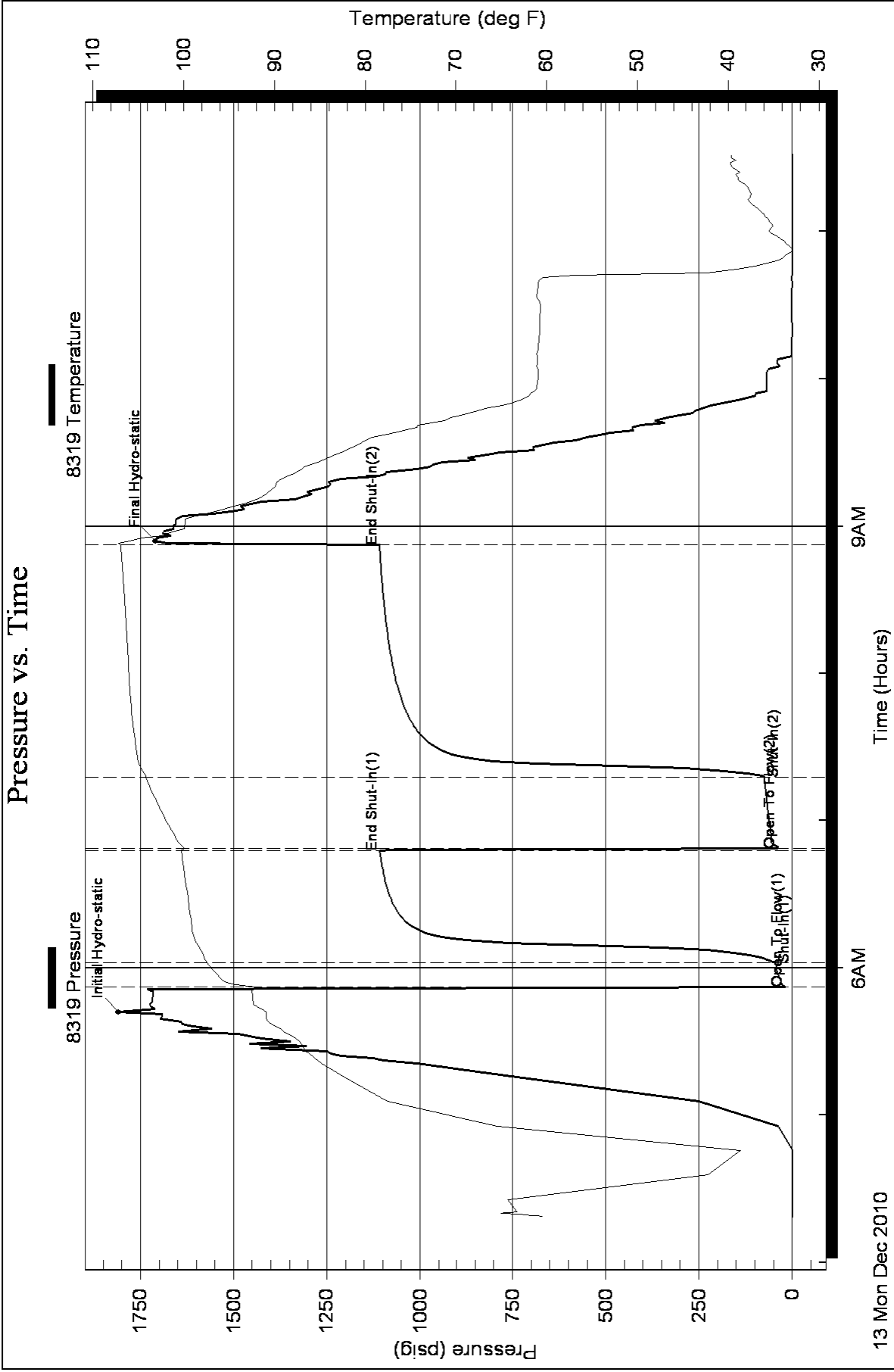
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Cholla Production LLC

Stithem #1-4

7851 S. Elati St. STE 201
Littleton, CO 80120

4/11s/23w Trego KS

ATTN: Bill Goff/ Kelly Bran 201

Job Ticket: 41340

DST#: 4

Test Start: 2010.12.13 @ 17:15:41

GENERAL INFORMATION:

Formation: **LKC "F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:04:41

Time Test Ended: 21:17:41

Test Type: Conventional Bottom Hole

Tester: Dustin Rash

Unit No: 47

Interval: 3618.00 ft (KB) To 3660.00 ft (KB) (TVD)

Reference Elevations: 2291.00 ft (KB)

Total Depth: 3660.00 ft (KB) (TVD)

2286.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 6719 Inside

Press @ Run Depth: psig @ 3621.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.12.13

End Date: 2010.12.13

Last Calib.: 2010.12.13

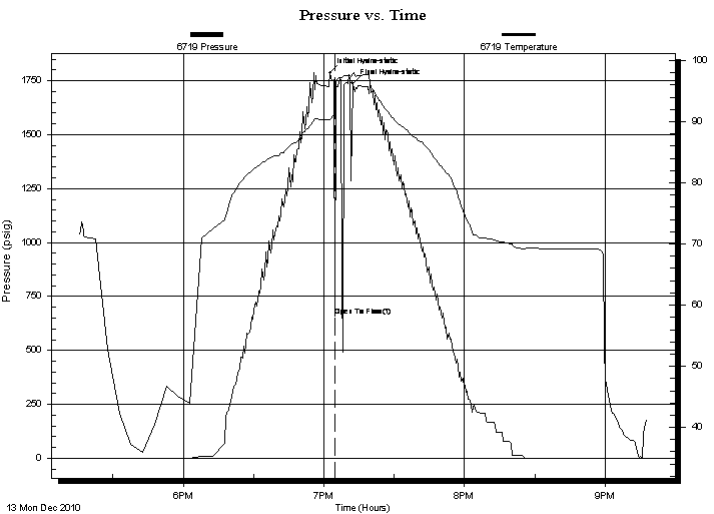
Start Time: 17:15:46

End Time: 21:17:41

Time On Btm: 2010.12.13 @ 19:02:41

Time Off Btm: 2010.12.13 @ 19:12:11

TEST COMMENT: IF- Misrun.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1786.79	90.34	Initial Hydro-static
2	661.27	92.80	Open To Flow (1)
10	1737.36	97.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cholla Production LLC

Stithem #1-4

7851 S. Elati St. STE 201
Littleton, CO 80120

4/11s/23w Trego KS

Job Ticket: 41340

DST#: 4

ATTN: Bill Goff/ Kelly Bran 201

Test Start: 2010.12.13 @ 17:15:41

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl

Total Length: ft

Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

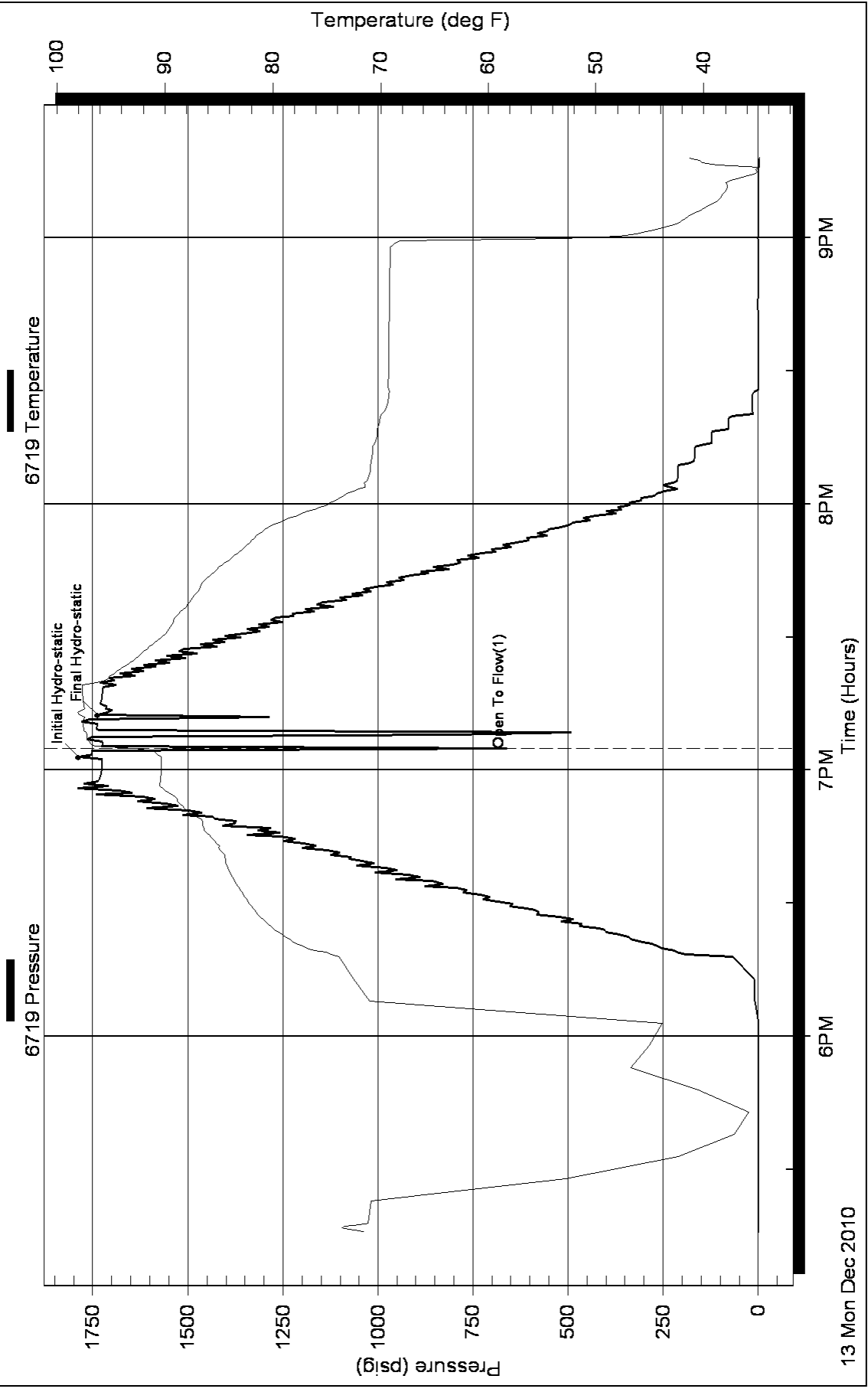
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Cholla Production LLC

Stithem #1-4

7851 S. Elati St. STE 201
Littleton, CO 80120

4/11s/23w Trego KS

ATTN: Bill Goff/ Kelly Bran 201

Job Ticket: 41341

DST#: 5

Test Start: 2010.12.14 @ 05:03:48

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:45:48

Time Test Ended: 11:25:48

Test Type: Conventional Bottom Hole

Tester: Dustin Rash

Unit No: 47

Interval: 3684.00 ft (KB) To 3725.00 ft (KB) (TVD)

Reference Elevations: 2291.00 ft (KB)

Total Depth: 3725.00 ft (KB) (TVD)

2286.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 6719

Inside

Press @ Run Depth: 14.29 psig @ 3686.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.12.14

End Date:

2010.12.14

Last Calib.:

2010.12.14

Start Time: 05:03:53

End Time:

11:25:47

Time On Btm:

2010.12.14 @ 06:45:18

Time Off Btm:

2010.12.14 @ 09:47:48

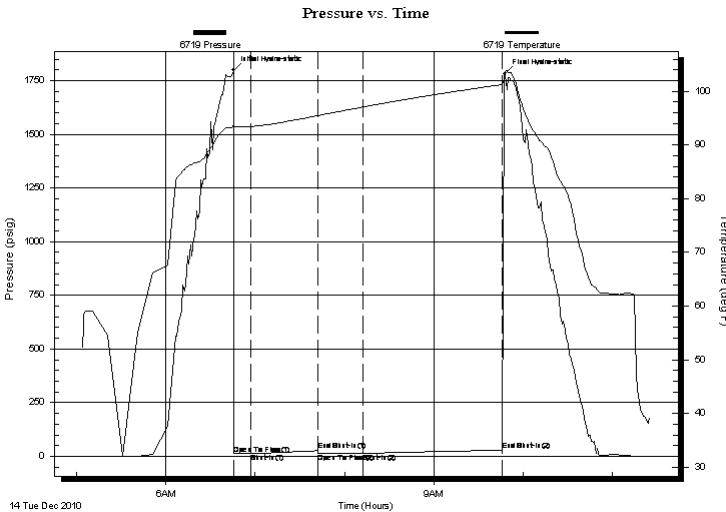
TEST COMMENT: IF-Weak blow . Built to 1/2 inch.

ISI-No Return.

FF-No blow .

FSI-No Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1797.61	93.76	Initial Hydro-static
1	11.86	93.50	Open To Flow (1)
12	12.60	93.47	Shut-In(1)
57	26.34	95.47	End Shut-In(1)
57	13.22	95.49	Open To Flow (2)
87	14.29	97.08	Shut-In(2)
181	28.30	101.24	End Shut-In(2)
183	1782.53	103.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.50	100%Mud	0.00

Gas Rates

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



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Stithem #1-4

7851 S. Elati St. STE 201
Littleton, CO 80120

4/11s/23w Trego KS

Job Ticket: 41341

DST#: 5

ATTN: Bill Goff/ Kelly Bran 201

Test Start: 2010.12.14 @ 05:03:48

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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.50	100%Mud	0.002

Total Length: 0.50 ft Total Volume: 0.002 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

