

WELL COMPLETION FORM
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: Bruce Meyer
Phone: (316) 265-3311
CONTRACTOR: License # 34317
Name: BEREDCO LLC
Wellsite Geologist: William B Bynog
Purchaser: N/A

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 #:

09/29/2010 10/08/2010 10/09/2010
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-051-26034-00-00

Spot Description:
NW_NW_NE_NE Sec. 10 Twp. 11 S. R. 19 East West
65 Feet from North / South Line of Section
1140 Feet from East / West Line of Section

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

County: Ellis

Lease Name: Armbrister Unit Well #: 1

Field Name:

Producing Formation: N/A

Elevation: Ground: 2063 Kelly Bushing: 2074

Total Depth: 3680 Plug Back Total Depth: 0

Amount of Surface Pipe Set and Cemented at: 283 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: 76000 ppm Fluid volume: 400 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: 01/05/2013
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NAOMI JAMES Date: 01/07/2011

Operator Name: BEREXCO LLC Lease Name: Armbrister Unit Well #: 1
 Sec. 10 Twp. 11 S. R. 19 East West County: Ellis

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: Radiation Guard Log Borehole Compensated Sonic Log Microresistivity Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border: none;"> <tr> <td style="width:60%; border: none;">Name Attached</td> <td style="width:20%; border: none;">Top Attached</td> <td style="width:20%; border: none;">Datum Attached</td> </tr> </table>	Name Attached	Top Attached	Datum Attached
Name Attached	Top Attached	Datum Attached		

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	283	Common	200	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
-----------------------------------	-----------	---------	-------------	---------------	---------

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: N/A
---	---	-----------------------------

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Armbrister Unit 1
Doc ID	1048997

Tops

Anhydrite (top)	1418	+656
Anhydrite (base)	1449	+625
Topeka	3012	-938
Heebner	3234	-1160
Toronto	3254	-1180
Lansing A	3276	-1202
Lansing C	3328	-1254
Lansing F	3354	-1280
Lansing H	3408	-1334
Lansing J	3442	-1368
Lansing L	3486	-1412
Arbuckle	3588	-1514

ALLIED CEMENTING CO., LLC. 04 003

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

Well Fate

SERVICE POINT:
Russell KS

DATE <u>10-8-10</u>	SEC. <u>10</u>	TWP. <u>11</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30pm</u>	JOB FINISH <u>8:15pm</u>
Armbrister LEASE <u>Unit</u>		WELL# <u>1</u>		LOCATION <u>Hays KS 14 North 5 West</u>		COUNTY <u>Ellis</u>	STATE <u>KS</u>
<input checked="" type="radio"/> OLD <input type="radio"/> NEW (Circle one)				<u>1/2 North West into.</u>			

CONTRACTOR Beredco Rig #10

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. 3680'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2" DEPTH 3588'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 245 60/40 4% Gel 1/4#F10

EQUIPMENT

PUMP TRUCK CEMENTER John Roberts

398 HELPER Glenn

BULK TRUCK DRIVER

482

BULK TRUCK DRIVER

COMMON	<u>145</u>	@	<u>13.50</u>	<u>1957.50</u>
POZMIX	<u>100</u>	@	<u>7.55</u>	<u>755.00</u>
GEL	<u>9</u>	@	<u>20.25</u>	<u>182.25</u>
CHLORIDE		@		
ASC		@		
<u>Flo-seal</u>	<u>61</u>	@	<u>2.45</u>	<u>149.45</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>245</u>	@	<u>2.25</u>	<u>551.25</u>
MILEAGE	<u>.104/sk/mile</u>			<u>465.00</u>
TOTAL				<u>4060.95</u>

REMARKS:

- 25sk @ 3588'
- 25sk @ 1433'
- 100sk @ 719'
- 40sk @ 333'
- 10sk @ 40'
- 30sk Rath hole
- 18sk Mouse hole

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>990.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>19</u>	@	<u>7.00</u>	<u>133.00</u>
MANIFOLD		@		
		@		
TOTAL				<u>1123.00</u>

CHARGE TO: Berexco LLC

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

~~_____ @ _____~~

_____ @ _____

_____ @ _____

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment

**BEREXCO, LLC.
ARMBRISTER # 1
NWNWNE SECTION 10 11S-19W
ELLIS COUNTY, KANSAS**

**GEOLOGIST
WILLIAM B. BYNOG**

RESUME

OPERATOR: BEREXCO, INC.

WELL NAME & NUMBER: ARMBRISTER # 1

LOCATION: NWNWNE SECTION 10-11S-19W

COUNTY: ELLIS

STATE: KANSAS

SPUD DATE: 9-30-2010 COMPLETION DATE: 10-8-2010

ELEVATIONS: GL: 2063' KB: 2074'

CONTRACTOR: BEREDCO RIG 10

LOGS: LOG TECH TYPES: RAG, MICROLOG & SONIC

WELLSITE ENGINEER: NONE

MUD COMPANY: ANDY'S

MUD TYPE & ENGINEER: FRESH CHEMICAL

GEOLOGIST: WILLIAM B.BYNOG

HOLE SIZE: 7 7/8

MUD LOGGING BY: NONE

DRILL STEM TEST COMPANY: TRILOBITE

DRILL STEM TEST: DST#1 Misran, DST#2 3032-3105, DST#3
3285-3365, DST#4 3375-3500, DST#5
3507-95, DST#6 3593-3600

WELL STATUS: PLUG & ABANDON

ARMBRISTER #1 SAMPLE DESCRIPTIONS.txt
BEREDCO RIG 10 DRILLING 7 7/8 HOLE

ANHYDRITE 1418(+656) S

1418(+656) L

BASE 1449(+625) S

1449(+625) L

ARMBRISTER # 1 SAMPLE DESCRIPTIONS

2900-40 SHALE gray ,green,firm,fissile/ thin bedded LIMESTONE gray,hard,dense,
slightly fossils

2940-60 LIMESTONE gray brown,hard,dense, fossils

2960-90 SHALE as above

2990-3000 LIMESTONE as above

3000-10 SHALE as above

TOPEKA

3010-40 LIMESTONE buff,very hard,dense,slightly fossils

35' TOPEKA

ARMBRISTER #1 SAMPLE DESCRIPTIONS.txt

3040-50 LIMESTONE white,firm,slightly chalky,fair crystalline and vuggy porosity, even brown stain,very good cut and odor,very good show free oil

3050-70 LIMESTONE buff,hard,dense,slightly fossils / some pr poor to poor vuggy porosity, spotty brown stain,good cut and odor,fair show free oil

3070-90 LIMESTONE buff,very hard,dense,some pr poor to poor porosity, very spotty brown stain,fair cut and odor,no free oil

3090-3105 LIMESTONE white,firm,very chalky,some microcrystalline / spotty stain,fair cut and odor,poor show free oil

3105-60 LIMESTONE buff, gray brown,very hard,dense, crptoxln,abundant Chert tan

3160-3198 LIMESTONE as above / thin bedded SHALE black,green,firm,fissile

3198-3202 LIMESTONE white,buff,slightly hard,very fossils,chalky,poor vis porosity,no shows

3202-35 LIMESTONE buff,hard,fossils,dense,slightly chalky,abundant Chert tan
HEEBNER

3235-40 SHALE black,firm,blocky, carbonaceous

3240-50 SHALE green,soft,argillaceous / LIMESTONE as above
TORONTO

3250-65 LIMESTONE buff,very hard,dense,slightly fossils,crptoxln,slightly chalky,no shows

3265-76 SHALE green,red,firm,slightly silty
LANSING A

3276-95 LIMESTONE white,buff,very hard,dense, abundant Chert tan,white,no shows

ARMBRISTER #1 SAMPLE DESCRIPTIONS.txt

3295-3310 SHALE as above

B ZONE

3310-17 LIMESTONE white,firm,oolites,chalky,poor to fair pin point vuggy porosity,spotty brown stain,good cut,faint odor,pr show free oil

3317-25 SHALE green,soft,very argillaceous

C ZONE

3325-40 LIMESTONE white,hard,oolites,poor microcrystalline and pin point vuggy porosity,very spotty brown stain,pr slow cut,no free oil

3340-50 SHALE gray green,green,firm,argillaceous

E ZONE

3350-56 LIMESTONE buff,very hard,dense,trace poor crystalline porosity,very spotty brown stain,fair cut,trace free oil

F ZONE

3356-62 LIMESTONE white,slightly hard,oolites,slightly chalky,fair vuggy and intergran porosity,spotty to even brown stain,very good cut,fair odor,good show free oil

G ZONE

3365-3400 LIMESTONE buff,very hard,dense, crptoxln,some Chert tan

3400-10 SHALE green,soft,very argillaceous

H ZONE

3410-14 LIMESTONE white,slightly hard,very oolites, poor to fair vuggy and intergranular porosity,spotty brown stain,good cut and odor,fair show free oil

3414-30 LIMESTONE buff,very hard,dense,trace very poor pin point vuggy porosity,very spotty stain,poor cut / thin SHALE as above

I ZONE

ARMBRISTER #1 SAMPLE DESCRIPTIONS.txt

3430-40 LIMESTONE buff,very hard,dense, abundant Chert tan,white / trace very spotty stain,poor cut as above

J ZONE

3440-44 LIMESTONE white,hard,slightly oolites,poor very spotty brown stain,fair cut,no free oil

3444-55 LIMESTONE buff,very hard,dense, abundant Chert white,tan

3455-65 SHALE red,green,soft to firm,argillaceous,fissile

K ZONE

3465-70 LIMESTONE white,buff,firm,oolites, poor to fair porosity , poor vuggy and intergran porosity,spotty stain,good cut,fair odor,poor show free oil

3470-80 LIMESTONE as above very hard,dense,abundant Chert white,tan / thin SHALE as above

3480-90 SHALE black,green,firm,fissile, carbonaceous

L ZONE

3490-96 LIMESTONE buff,firm,oolites,fair vuggy and intergranular porosity,spotty to even brown stain,very good cut and odor,fair show free oil

3496-05 LIMESTONE buff,very hard,dense

3505-25 SHALE red,green,soft,argillaceous / thin LIMESTONE as above dense,trace dead stain

MARMATON

3525-42 LIMESTONE buff,hard,dense,poor pin point vuggy porosity,dead stain

3542-60 SHALE as above / very abundant Chert white,yell,tan grading to cong

ARMBRISTER #1 SAMPLE DESCRIPTIONS.txt

3560-70 SANDSTONE translucent, firm, fine to coarse grained, sand to rounded, siliceous cement, poor to fair granular porosity, spotty dead stain, good cut

3570-80 SHALE red, green, firm, fissile, abundant chert as above

3580-90 SHALE bright blue, firm, fissile, abundant disseminated pyrite

ARBUCKLE

3590-95 DOLOMITE buff, tan, firm, microcrystalline, sandy, fair to good crystalline and vuggy porosity, even black stain saturated, very good cut and odor, very good show free oil

3595-3600 DOLOMITE as above slightly hard, spotty to even stain, very good cut, good show free oil, abundant chert white

3600-30 DOLOMITE buff, hard, microcrystalline, dense, no shows, some poor to fair crystalline porosity, very spotty black stain, good cut, poor show free oil, abundant chert white

3630-35 SHALE bright blue, firm, waxy

3635-60 DOLOMITE buff, firm, microcrystalline, fair to good vuggy and crystalline porosity, very rare stain, fair cut, no free oil, abundant chert white

3660-80 DOLOMITE buff, hard, dense, poor crystalline porosity, no shows

RTD 3680

LTD 3681



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

January 06, 2011

Bruce Meyer
BEREXCO LLC
2020 N. BRAMBLEWOOD
WICHITA, KS 67206-1094

Re: ACO1
API 15-051-26034-00-00
Armbrister Unit 1
NE/4 Sec.10-11S-19W
Ellis 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,
Bruce Meyer



Weatherford[®]

Completion Systems

DRILL STEM TEST REPORT

Prepared For: **Berexco LLC**

2020 N. Bramblewood
Wichita KS 67206-1094

ATTN: Bruce Meyer

10-11s-19w Ellis,KS

Armbrister Unit #1

Start Date: 2010.10.03 @ 01:39:20

End Date: 2010.10.03 @ 04:25:26

Job Ticket #: 040904 DST #: 1

ALPINE OIL SERVICES CORPORATION
2460, 240 - 4 Avenue S.W. Calgary, AB. T2P 4H4
ph: 263-7800 fax: 264-7260



Weatherford®
Completion Systems

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco LLC

Armbrister Unit #1

2020 N. Bramblewood
 Wichita KS 67206-1094

10-11s-19w Ellis,KS

Job Ticket: 040904

DST#: 1

ATTN: Bruce Meyer

Test Start: 2010.10.03 @ 01:39:20

Tool Information

Drill Pipe:	Length: 2677.00 ft	Diameter: 3.34 inches	Volume: 29.01 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 362.00 ft	Diameter: 2.25 inches	Volume: 1.78 bbl	Weight to Pull Loose: lb
		Total Volume: 30.79 bbl		Tool Chased: ft
Drill Pipe Above KB:	35.00 ft			String Weight: Initial lb
Depth to Top Packer:	3032.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	73.00 ft			
Tool Length:	101.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3005.00	
Shut In Tool	5.00			3010.00	
Hydraulic tool	5.00			3015.00	
Jars	5.00			3020.00	
Safety Joint	3.00			3023.00	
Packer	4.00			3027.00	28.00 Bottom Of Top Packer
Packer	5.00			3032.00	
Stubb	1.00			3033.00	
Perforations	2.00			3035.00	
Change Over Sub	1.00			3036.00	
Recorder	0.00	8321	Inside	3036.00	
Recorder	0.00	8679	Outside	3036.00	
Drill Pipe	62.00			3098.00	
Change Over Sub	1.00			3099.00	
Perforations	3.00			3102.00	
Bullnose	3.00			3105.00	73.00 Bottom Packers & Anchor
Total Tool Length:	101.00				



Weatherford®
Completion Systems

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

Armbrister Unit #1

2020 N. Bramblewood
 Wichita KS 67206-1094

10-11s-19w Ellis,KS

Job Ticket: 040904

DST#: 1

ATTN: Bruce Meyer

Test Start: 2010.10.03 @ 01:39:20

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: 45.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

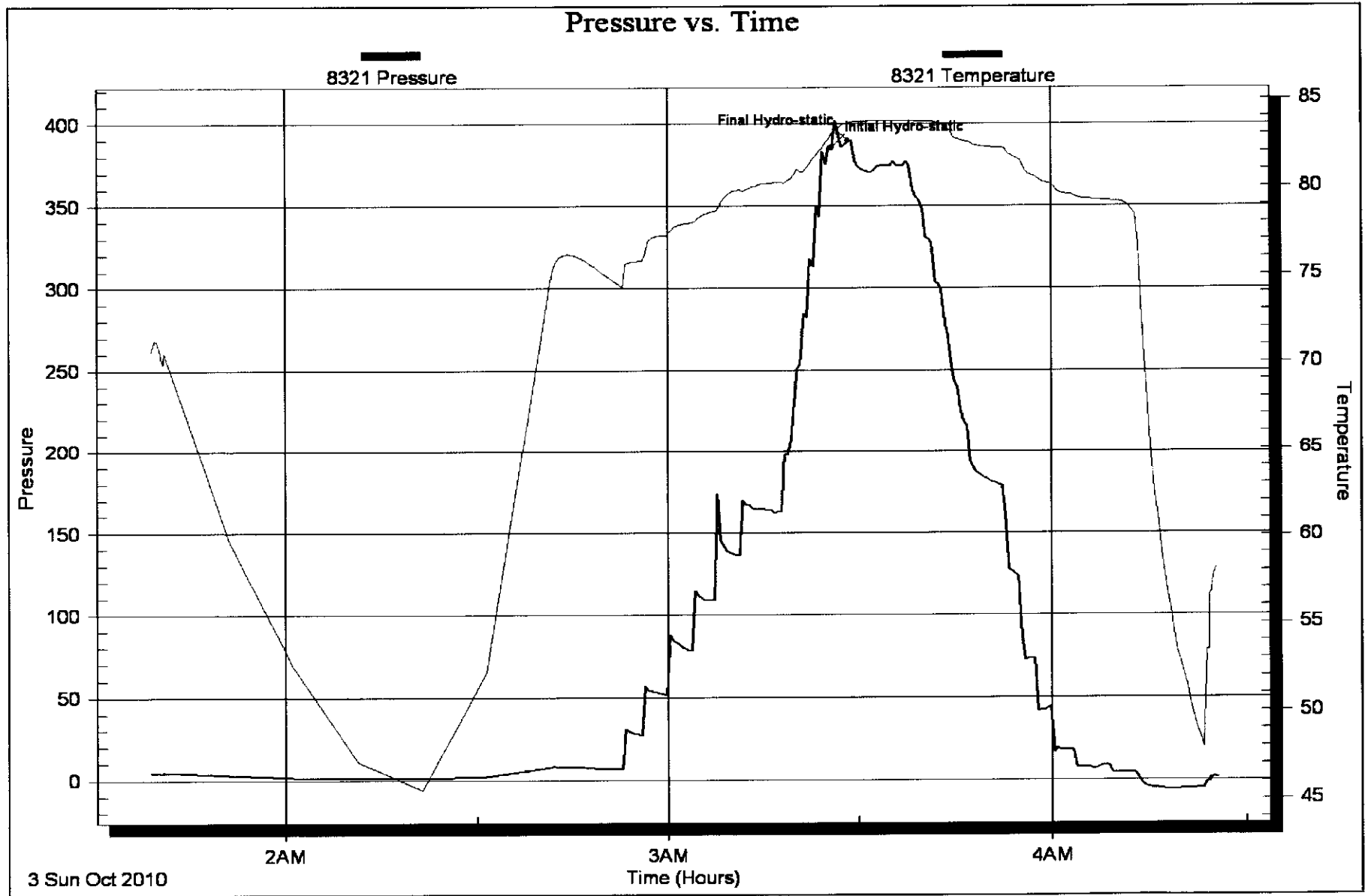
Length ft	Description	Volume bbl

Total Length: ft Total Volume: bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





Weatherford[®]

Completion Systems

DRILL STEM TEST REPORT

Prepared For: **Berexco LLC**

2020 N. Bramblewood
Wichita KS 67206-1094

ATTN: Bruce Meyer

10-11s-19w Ellis,KS

Armbrister Unit #1

Start Date: 2010.10.03 @ 12:36:42

End Date: 2010.10.03 @ 20:34:12

Job Ticket #: 040905 DST #: 2

ALPINE OIL SERVICES CORPORATION
2460, 240 - 4 Avenue S.W. Calgary, AB. T2P 4H4
ph: 263-7800 fax: 264-7260



Weatherford® Completion Systems

DRILL STEM TEST REPORT

Berexco LLC

Armbrister Unit #1

2020 N. Bramblewood
Wichita KS 67206-1094

10-11s-19w Ellis, KS

Job Ticket: 040905

DST#: 2

ATTN: Bruce Meyer

Test Start: 2010.10.03 @ 12:36:42

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:20:12

Time Test Ended: 20:34:12

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: **3032.00 ft (KB) To 3105.00 ft (KB) (TVD)**

Reference Elevations: 2074.00 ft (KB)

Total Depth: 3105.00 ft (KB) (TVD)

2069.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8321

Inside

Press@RunDepth: 241.85 psig @ 3036.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.10.03

End Date:

2010.10.03

Last Calib.: 2010.10.03

Start Time: 12:36:43

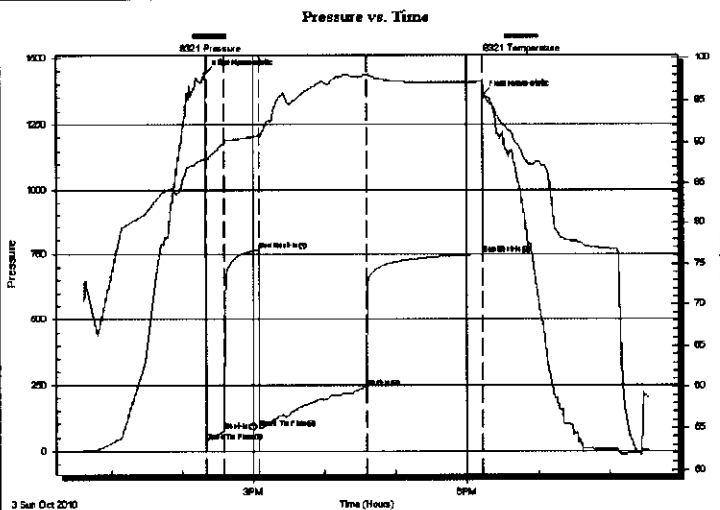
End Time:

20:34:12

Time On Btm: 2010.10.03 @ 14:19:42

Time Off Btm: 2010.10.03 @ 18:13:12

TEST COMMENT: IFF-Good blow Built to 10 in
ISI-Dead no blow back
FFP-Good blow BOB in 21 1/2 min
FSI-Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1438.86	88.04	Initial Hydro-static
1	39.20	87.78	Open To Flow (1)
16	74.98	89.91	Shut-In(1)
45	765.98	90.78	End Shut-In(1)
46	88.67	90.50	Open To Flow (2)
136	241.85	98.07	Shut-In(2)
233	749.56	97.26	End Shut-In(2)
234	1358.15	97.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
227.00	Mud	1.12
240.00	MW30%M70%W	1.80

Gas Rates

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



Weatherford® Completion Systems

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco LLC

Armbrister Unit #1

2020 N. Bramblewood
Wichita KS 67206-1094

10-11s-19w Ellis, KS

Job Ticket: 040905

DST#: 2

ATTN: Bruce Meyer

Test Start: 2010.10.03 @ 12:36:42

Tool Information

Drill Pipe:	Length: 2677.00 ft	Diameter: 3.34 inches	Volume: 29.01 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 362.00 ft	Diameter: 2.25 inches	Volume: 1.78 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 30.79 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	35.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3032.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	73.00 ft			
Tool Length:	101.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3005.00	
Shut In Tool	5.00			3010.00	
Hydraulic tool	5.00			3015.00	
Jars	5.00			3020.00	
Safety Joint	3.00			3023.00	
Packer	4.00			3027.00	28.00 Bottom Of Top Packer
Packer	5.00			3032.00	
Stubb	1.00			3033.00	
Perforations	2.00			3035.00	
Change Over Sub	1.00			3036.00	
Recorder	0.00	8321	Inside	3036.00	
Recorder	0.00	8679	Outside	3036.00	
Drill Pipe	62.00			3098.00	
Change Over Sub	1.00			3099.00	
Perforations	3.00			3102.00	
Bullnose	3.00			3105.00	73.00 Bottom Packers & Anchor
Total Tool Length:	101.00				



**Weatherford®
Completion Systems**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

Armbrister Unit #1

2020 N. Bramblewood
Wichita KS 67206-1094

10-11s-19w Ellis,KS

Job Ticket: 040905

DST#: 2

ATTN: Bruce Meyer

Test Start: 2010.10.03 @ 12:36:42

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:	31000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 88.90 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

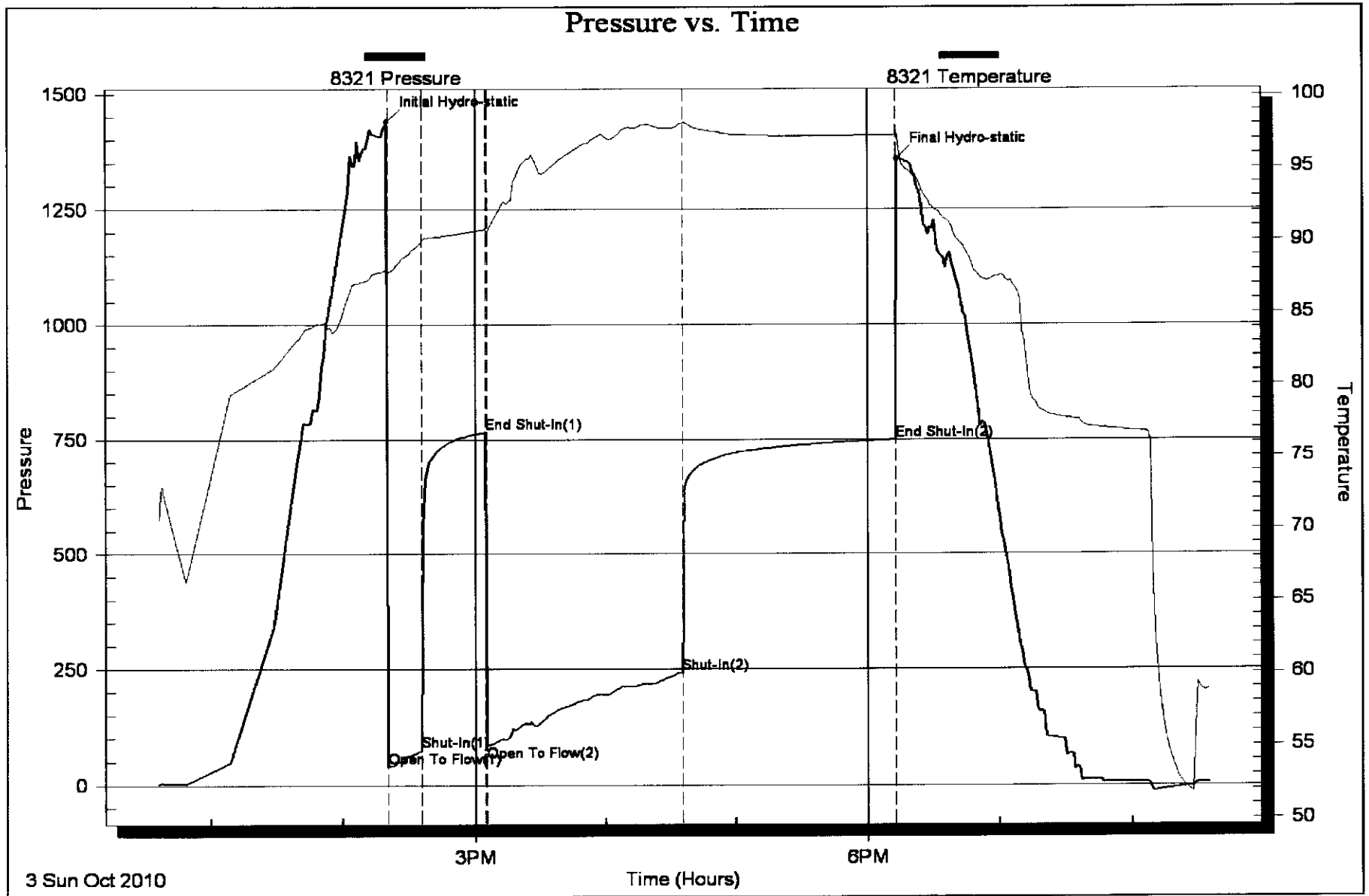
Length ft	Description	Volume bbl
227.00	Mud	1.116
240.00	MW30%M70%W	1.802

Total Length: 467.00 ft Total Volume: 2.918 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





Weatherford[®]

Completion Systems

DRILL STEM TEST REPORT

Prepared For: **Berexco LLC**

2020 N. Bramblewood
Wichita KS 67206-1094

ATTN: Bruce Meyer

10-11s-19w Ellis,KS

Armbrister Unit #1

Start Date: 2010.10.04 @ 20:33:43

End Date: 2010.10.05 @ 04:45:13

Job Ticket #: 090406 DST #: 3

ALPINE OIL SERVICES CORPORATION
2460, 240 - 4 Avenue S.W. Calgary, AB. T2P 4H4
ph: 263-7800 fax: 264-7260



Weatherford® Completion Systems

DRILL STEM TEST REPORT

Berexco LLC

Armbrister Unit #1

2020 N. Bramblewood
Wichita KS 67206-1094

10-11s-19w Ellis,KS

Job Ticket: 090406

DST#: 3

ATTN: Bruce Meyer

Test Start: 2010.10.04 @ 20:33:43

GENERAL INFORMATION:

Formation: **LKC-"B-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:58:43

Time Test Ended: 04:45:13

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: **3285.00 ft (KB) To 3365.00 ft (KB) (TVD)**

Total Depth: 3365.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2074.00 ft (KB)

2069.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8321

Inside

Press@RunDepth: 262.67 psig @ 3289.00 ft (KB)

Start Date: 2010.10.04

End Date:

2010.10.05

Start Time: 20:33:44

End Time:

04:45:13

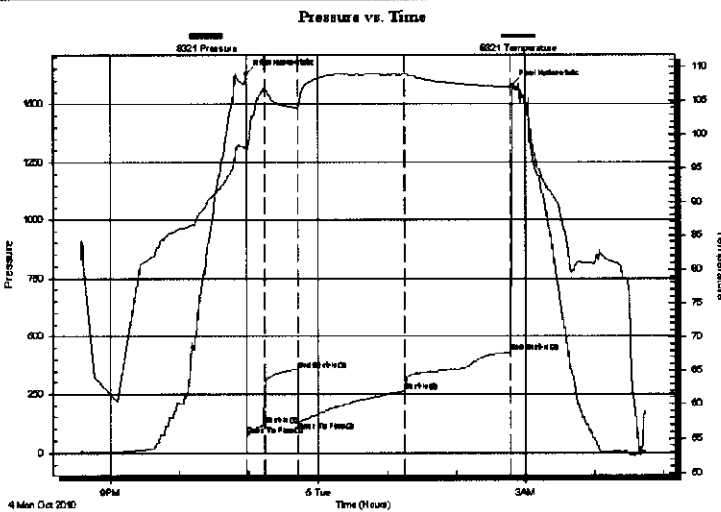
Capacity: 8000.00 psig

Last Calib.: 2010.10.05

Time On Btm: 2010.10.04 @ 22:58:13

Time Off Btm: 2010.10.05 @ 02:48:43

TEST COMMENT: IFP-Good blow BOB in 13 min
IS-Dead no blow back
FFP-Good blow BOB in 26 min
FSI-Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1629.38	98.04	Initial Hydro-static
1	77.66	97.47	Open To Flow (1)
16	119.32	106.80	Shut-In(1)
45	357.26	103.96	End Shut-In(1)
45	130.13	103.84	Open To Flow (2)
137	262.67	108.96	Shut-In(2)
229	431.77	107.03	End Shut-In(2)
231	1581.45	107.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
362.00	MW40%M60%W	1.78
82.00	WM40%W60%M	0.89

Gas Rates

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



Weatherford®
Completion Systems

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco LLC

Armbrister Unit #1

2020 N. Bramblewood
Wichita KS 67206-1094

10-11s-19w Ellis, KS

Job Ticket: 090406

DST#: 3

ATTN: Bruce Meyer

Test Start: 2010.10.04 @ 20:33:43

Tool Information

Drill Pipe:	Length: 2924.00 ft	Diameter: 3.34 inches	Volume: 31.69 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 362.00 ft	Diameter: 2.25 inches	Volume: 1.78 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 33.47 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3285.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.00 ft			
Tool Length:	108.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3258.00	
Shut In Tool	5.00			3263.00	
Hydraulic tool	5.00			3268.00	
Jars	5.00			3273.00	
Safety Joint	3.00			3276.00	
Packer	4.00			3280.00	28.00 Bottom Of Top Packer
Packer	5.00			3285.00	
Stubb	1.00			3286.00	
Perforations	2.00			3288.00	
Change Over Sub	1.00			3289.00	
Recorder	0.00	8321	Inside	3289.00	
Recorder	0.00	8679	Outside	3289.00	
Drill Pipe	62.00			3351.00	
Change Over Sub	1.00			3352.00	
Perforations	10.00			3362.00	
Bullnose	3.00			3365.00	80.00 Bottom Packers & Anchor
Total Tool Length:	108.00				



Weatherford®
Completion Systems

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

Armbrister Unit #1

2020 N. Bramblewood
 Wichita KS 67206-1094

10-11s-19w Ellis,KS

Job Ticket: 090406

DST#: 3

ATTN: Bruce Meyer

Test Start: 2010.10.04 @ 20:33:43

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:

80000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
362.00	MW40%M60%W	1.780
82.00	WM40%W60%M	0.889

Total Length: 444.00 ft Total Volume: 2.669 bbl

Num Fluid Samples: 0

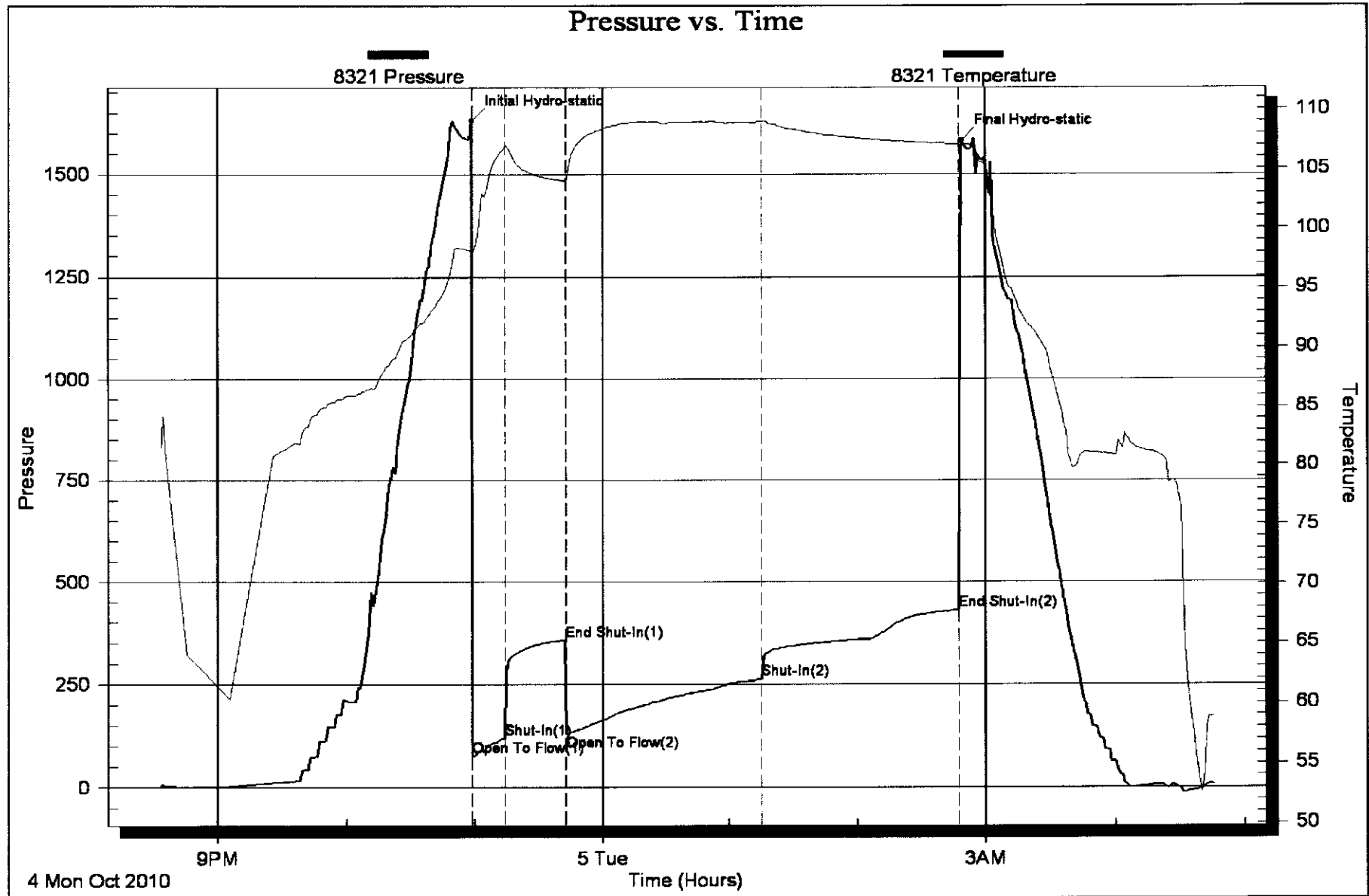
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





Weatherford®

Completion Systems

DRILL STEM TEST REPORT

Prepared For: **Berexco LLC**

2020 N. Bramblewood
Wichita KS 67206-1094

ATTN: Bruce Meyer

10-11s-19w Ellis,KS

Armbrister Unit #1

Start Date: 2010.10.05 @ 18:41:44

End Date: 2010.10.06 @ 03:07:14

Job Ticket #: 090407 DST #: 4

ALPINE OIL SERVICES CORPORATION

2460, 240 - 4 Avenue S.W. Calgary, AB. T2P 4H4

ph: 263-7800 fax: 264-7260



Weatherford® Completion Systems

DRILL STEM TEST REPORT

Berexco LLC
2020 N. Bramblewood
Wichita KS 67206-1094
ATTN: Bruce Meyer

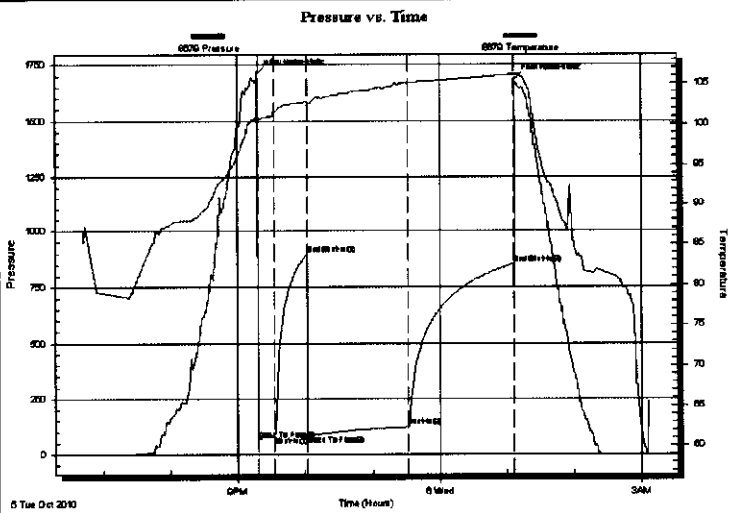
Armbrister Unit #1
10-11s-19w Ellis, KS
Job Ticket: 090407 DST#: 4
Test Start: 2010.10.05 @ 18:41:44

GENERAL INFORMATION:

Formation: **LKC-H-L**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 21:18:14
 Tester: Jeff Brown
 Time Test Ended: 03:07:14
 Unit No: 44
 Interval: **3375.00 ft (KB) To 3500.00 ft (KB) (TVD)**
 Reference Elevations: 2074.00 ft (KB)
 Total Depth: 3500.00 ft (KB) (TVD)
 2069.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good
 KB to GR/CF: 5.00 ft

Serial #: 8679 Outside
 Press@RunDepth: 123.84 psig @ 3472.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.10.05 End Date: 2010.10.06 Last Calib.: 2010.10.06
 Start Time: 18:41:45 End Time: 03:07:14 Time On Btm: 2010.10.05 @ 21:17:44
 Time Off Btm: 2010.10.06 @ 01:07:14

TEST COMMENT: IFP-Weak blow built to 3 in
 ISI-Dead no blow back
 FFP-Fair blow Built to 4 in
 FSI-Dead no blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1712.02	100.89	Initial Hydro-static
1	67.77	100.27	Open To Flow (1)
16	82.49	101.58	Shut-In(1)
45	899.07	102.82	End Shut-In(1)
45	84.43	102.43	Open To Flow (2)
134	123.84	105.07	Shut-In(2)
229	855.58	106.13	End Shut-In(2)
230	1686.55	106.28	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
90.00	VSOCM 2%O98%M	0.44

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



Weatherford® Completion Systems

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco LLC

Armbrister Unit #1

2020 N. Bramblewood
Wichita KS 67206-1094

10-11s-19w Ellis,KS

Job Ticket: 090407

DST#: 4

ATTN: Bruce Meyer

Test Start: 2010.10.05 @ 18:41:44

Tool Information

Drill Pipe:	Length: 3013.00 ft	Diameter: 3.34 inches	Volume: 32.65 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 2500.00 lb
Drill Collar:	Length: 362.00 ft	Diameter: 2.25 inches	Volume: 1.78 bbl	Weight to Pull Loose: 58000.00 lb
		Total Volume: 34.43 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3375.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	125.00 ft			
Tool Length:	153.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3348.00	
Shut In Tool	5.00			3353.00	
Hydraulic tool	5.00			3358.00	
Jars	5.00			3363.00	
Safety Joint	3.00			3366.00	
Packer	4.00			3370.00	28.00 Bottom Of Top Packer
Packer	5.00			3375.00	
Stubb	1.00			3376.00	
Perforations	2.00			3378.00	
Change Over Sub	1.00			3379.00	
Drill Pipe	92.00			3471.00	
Change Over Sub	1.00			3472.00	
Recorder	0.00	8321	Inside	3472.00	
Recorder	0.00	8679	Outside	3472.00	
Perforations	25.00			3497.00	
Bullnose	3.00			3500.00	125.00 Bottom Packers & Anchor
Total Tool Length:	153.00				



Weatherford®
Completion Systems

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

Armbrister Unit #1

2020 N. Bramblewood
 Wichita KS 67206-1094

10-11s-19w Ellis,KS

Job Ticket: 090407

DST#: 4

ATTN: Bruce Meyer

Test Start: 2010.10.05 @ 18:41:44

Mud and Cushion Information

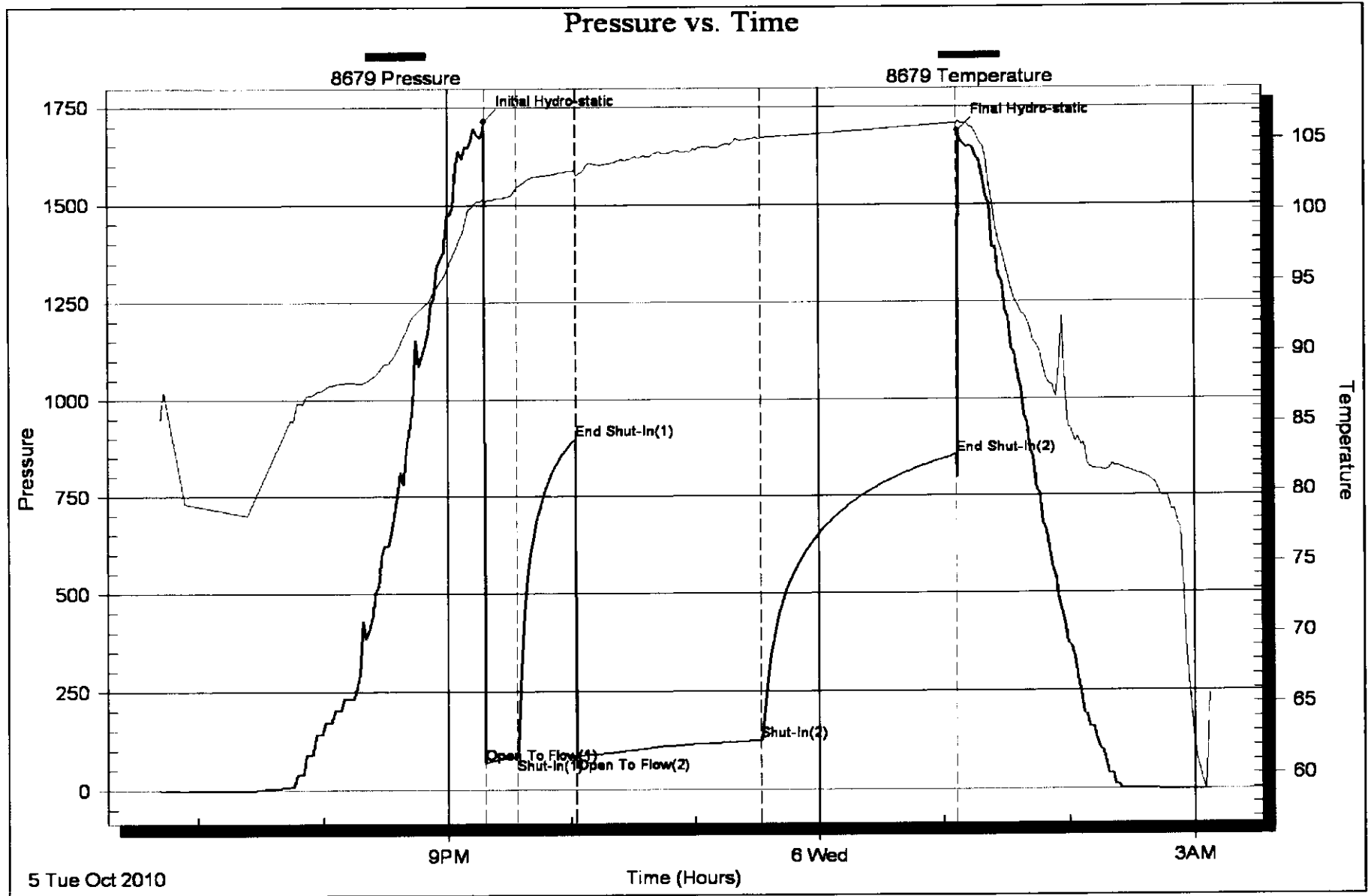
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	VSOCM 2% O98%M	0.443

Total Length: 90.00 ft Total Volume: 0.443 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





Weatherford®

Completion Systems

DRILL STEM TEST REPORT

Prepared For: **Berexco LLC**

2020 N. Bramblewood
Wichita KS 67206-1094

ATTN: Bruce Meyer

10-11s-19w Ellis,KS

Armbrister Unit #1

Start Date: 2010.10.06 @ 13:27:07

End Date: 2010.10.06 @ 21:27:37

Job Ticket #: 040908 DST #: 5

ALPINE OIL SERVICES CORPORATION

2460, 240 - 4 Avenue S.W. Calgary, AB. T2P 4H4

ph: 263-7800 fax: 264-7260



Weatherford® Completion Systems

DRILL STEM TEST REPORT

Berexco LLC
2020 N. Bramblewood
Wichita KS 67206-1094
ATTN: Bruce Meyer

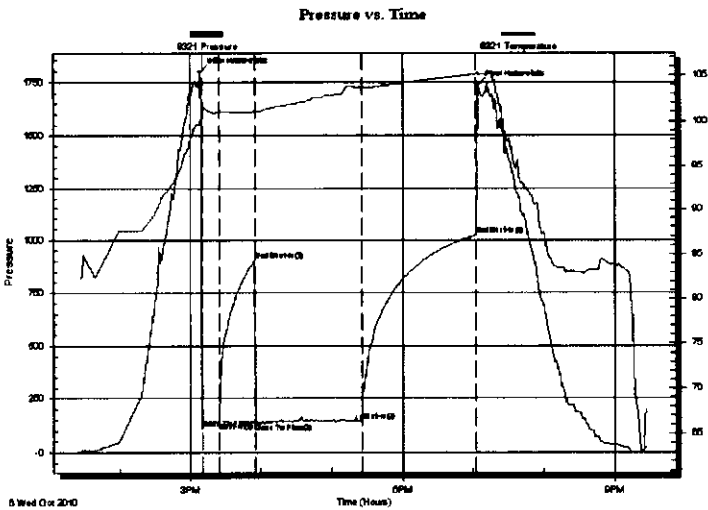
Armbrister Unit #1
10-11s-19w Ellis, KS
Job Ticket: 040908 DST#: 5
Test Start: 2010.10.06 @ 13:27:07

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:10:07
Time Test Ended: 21:27:37
Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 44
Interval: **3507.00 ft (KB) To 3595.00 ft (KB) (TVD)**
Reference Elevations: 2074.00 ft (KB)
Total Depth: 3595.00 ft (KB) (TVD) 2069.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: **8321** Inside
Press@RunDepth: 145.85 psig @ 3574.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.10.06 End Date: 2010.10.06 Last Calib.: 2010.10.06
Start Time: 13:27:08 End Time: 21:27:37 Time On Btm: 2010.10.06 @ 15:08:37
Time Off Btm: 2010.10.06 @ 19:04:37

TEST COMMENT: IFP-Strong blow BOB in 1 min
ISI-Dead no blow back
FFP-Weak surface blow died in 20 min
FSI-Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1796.59	99.85	Initial Hydro-static
2	111.48	100.74	Open To Flow (1)
17	139.86	100.94	Shut-In(1)
47	904.84	101.02	End Shut-In(1)
47	137.02	101.10	Open To Flow (2)
137	145.85	103.64	Shut-In(2)
234	1021.31	105.16	End Shut-In(2)
236	1737.18	105.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	Mud	0.89

Gas Rates

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



Weatherford® Completion Systems

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco LLC

Armbrister Unit #1

2020 N. Bramblewood
Wichita KS 67206-1094

10-11s-19w Ellis, KS

Job Ticket: 040908

DST#: 5

ATTN: Bruce Meyer

Test Start: 2010.10.06 @ 13:27:07

Tool Information

Drill Pipe:	Length: 3133.00 ft	Diameter: 3.34 inches	Volume: 33.95 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 362.00 ft	Diameter: 2.25 inches	Volume: 1.78 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: 35.73 bbl</u>	Tool Chased 3.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3507.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	88.00 ft			
Tool Length:	116.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3480.00	
Shut In Tool	5.00			3485.00	
Hydraulic tool	5.00			3490.00	
Jars	5.00			3495.00	
Safety Joint	3.00			3498.00	
Packer	4.00			3502.00	28.00 Bottom Of Top Packer
Packer	5.00			3507.00	
Stubb	1.00			3508.00	
Perforations	2.00			3510.00	
Change Over Sub	1.00			3511.00	
Drill Pipe	62.00			3573.00	
Change Over Sub	1.00			3574.00	
Recorder	0.00	8321	Inside	3574.00	
Recorder	0.00	8679	Outside	3574.00	
Perforations	18.00			3592.00	
Bullnose	3.00			3595.00	88.00 Bottom Packers & Anchor
Total Tool Length:	116.00				



Weatherford®
Completion Systems

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

Armbrister Unit #1

2020 N. Bramblewood
 Wichita KS 67206-1094

10-11s-19w Ellis,KS

Job Ticket: 040908

DST#: 5

ATTN: Bruce Meyer

Test Start: 2010.10.06 @ 13:27:07

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	Mud	0.885

Total Length: 180.00 ft Total Volume: 0.885 bbl

Num Fluid Samples: 0

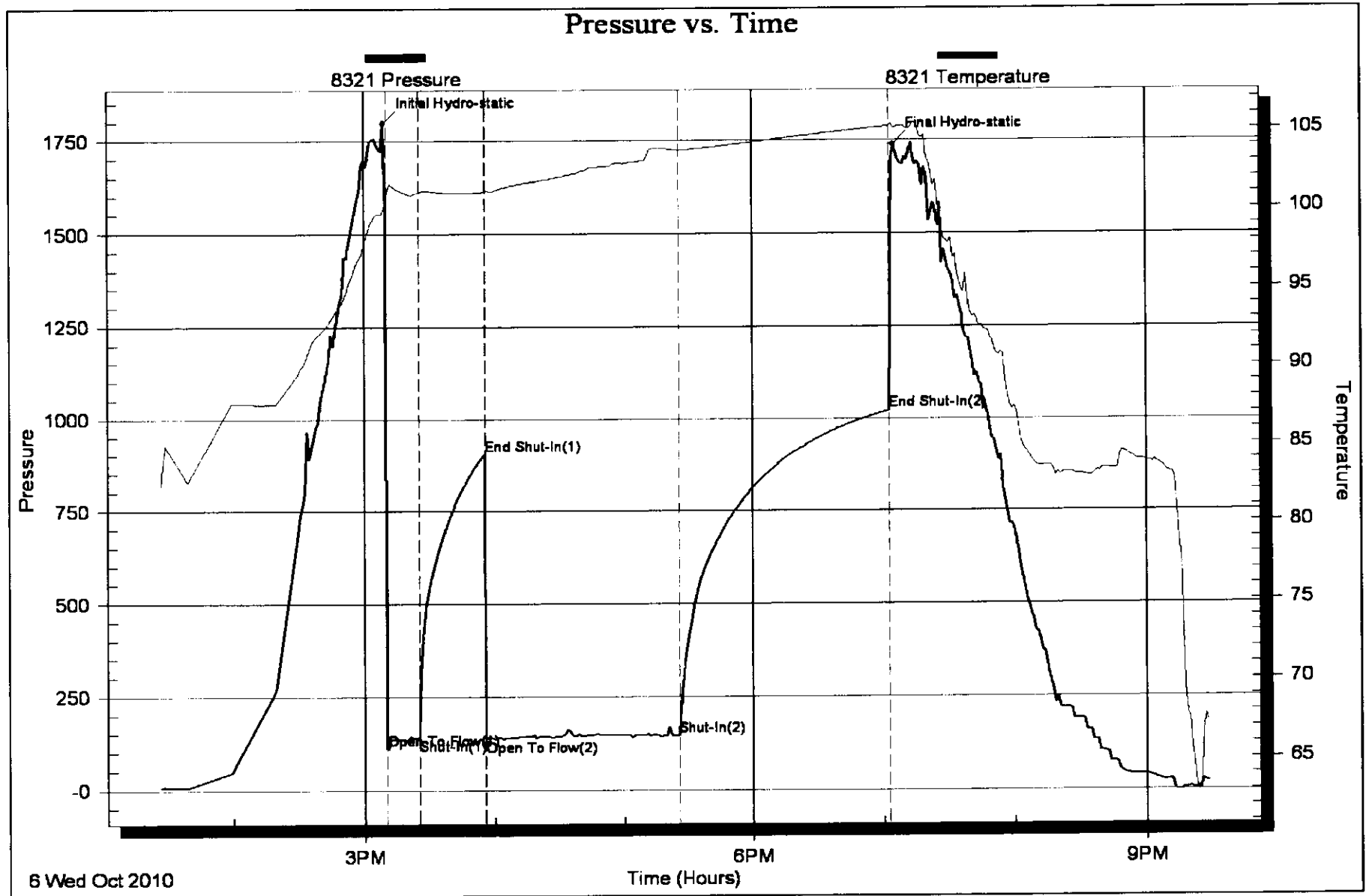
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





Weatherford[®]

Completion Systems

DRILL STEM TEST REPORT

Prepared For: **Berexco LLC**

2020 N. Bramblewood
Wichita KS 67206-1094

ATTN: Bruce Meyer

10-11s-19w Ellis,KS

Armbrister Unit #1

Start Date: 2010.10.07 @ 05:39:47

End Date: 2010.10.07 @ 14:00:47

Job Ticket #: 040909 DST #: 6

ALPINE OIL SERVICES CORPORATION

2460, 240 - 4 Avenue S.W. Calgary, AB. T2P 4H4

ph: 263-7800 fax: 264-7260



Weatherford® Completion Systems

DRILL STEM TEST REPORT

Berexco LLC
2020 N. Bramblewood
Wichita KS 67206-1094
ATTN: Bruce Meyer

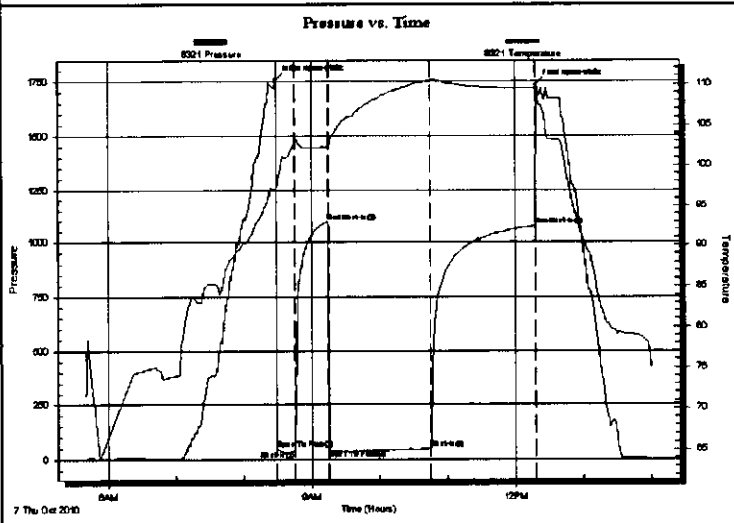
Armbrister Unit #1
10-11s-19w Ellis,KS
Job Ticket: 040909 **DST#: 6**
Test Start: 2010.10.07 @ 05:39:47

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:29:47
Time Test Ended: 14:00:47
Interval: **3593.00 ft (KB) To 3600.00 ft (KB) (TVD)**
Total Depth: 3600.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 44
Reference Elevations: 2074.00 ft (KB)
2069.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8321 Inside
Press@RunDepth: 51.30 psig @ 3594.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.10.07 End Date: 2010.10.07 Last Calib.: 2010.10.07
Start Time: 05:39:48 End Time: 14:00:47 Time On Btm: 2010.10.07 @ 08:29:17
Time Off Btm: 2010.10.07 @ 12:18:17

TEST COMMENT: IFP-Weak blow built to 1in
IS-Dead no blow back
FFP-Weak blow built to 1 1/4 in
FSI-Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1760.57	97.09	Initial Hydro-static
1	51.08	96.84	Open To Flow (1)
17	42.56	102.97	Shut-In(1)
46	1099.25	102.33	End Shut-In(1)
46	46.39	102.21	Open To Flow (2)
136	51.30	110.48	Shut-In(2)
228	1077.18	109.40	End Shut-In(2)
229	1734.63	109.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	WM with a oil spots 5%W95%M	0.02
60.00	MW 40%M60%W	0.30

Gas Rates

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



Weatherford®
Completion Systems

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco LLC

Armbrister Unit #1

2020 N. Bramblewood
 Wichita KS 67206-1094

10-11s-19w Ellis,KS

Job Ticket: 040909

DST#: 6

ATTN: Bruce Meyer

Test Start: 2010.10.07 @ 05:39:47

Tool Information

Drill Pipe:	Length: 3226.00 ft	Diameter: 3.34 inches	Volume: 34.96 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 362.00 ft	Diameter: 2.25 inches	Volume: 1.78 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 36.74 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3593.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	36.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3565.00	
Shut In Tool	5.00			3570.00	
Hydraulic tool	5.00			3575.00	
Jars	5.00			3580.00	
Safety Joint	3.00			3583.00	
Change Over Sub	1.00			3584.00	
Packer - Shale	4.00			3588.00	
Packer	5.00			3593.00	29.00 Bottom Of Top Packer
Stubb	1.00			3594.00	
Recorder	0.00	8321	Inside	3594.00	
Recorder	0.00	8679	Outside	3594.00	
Perforations	3.00			3597.00	
Bullnose	3.00			3600.00	7.00 Anchor Tool

Total Tool Length: 36.00



Weatherford®
Completion Systems

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

Armbrister Unit #1

2020 N. Bramblewood
 Wichita KS 67206-1094

10-11s-19w Ellis,KS

Job Ticket: 040909

DST#: 6

ATTN: Bruce Meyer

Test Start: 2010.10.07 @ 05:39:47

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	WM with a oil spots 5%W95%M	0.025
60.00	MW 40%M60%W	0.295

Total Length: 65.00 ft Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

