



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
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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: _____



1048997

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 Bbbs.	Gas Mcf	Water Bbbs.	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	BEREXCO LLC
Well Name	Armbrister Unit 1
Doc ID	1048997

Tops

Name	Top	Datum
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. 041955

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Russell Ks.

DATE <u>9-30-10</u>	SEC. <u>10</u>	TWP. <u>11 S</u>	RANGE <u>19 W</u>	CALLED OUT	ON LOCATION	JOB START <u>1:30 AM</u>	JOB FINISH <u>2:00 AM</u>
ARMBRISTER LEASE	UNIT WELL # <u>#1</u>	LOCATION <u>Hay's Ks. 14N 5W 34N 2W</u>			COUNTY <u>Ellis</u>	STATE <u>KANSAS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Bredco Dalg. Rig #10

TYPE OF JOB Long SURFACE

HOLE SIZE 12 1/4 T.D. 283

CASING SIZE 8 5/8 New DEPTH 283

TUBING SIZE 20# DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'20'

PERFS.

DISPLACEMENT 16 3/4 BBL

OWNER

CEMENT AMOUNT ORDERED 200 SK Comm. 2% GEL 3% CC

COMMON	<u>200</u>	@	<u>13.50</u>	<u>2700.00</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>20.25</u>	<u>81.00</u>
CHLORIDE	<u>7</u>	@	<u>51.50</u>	<u>360.50</u>
ASC		@		
HANDLING	<u>200</u>	@	<u>2.25</u>	<u>450.00</u>
MILEAGE	<u>.104/sk/mile</u>			<u>380.00</u>
TOTAL				<u>3971.50</u>

EQUIPMENT

PUMP TRUCK CEMENTER GLENN

417 HELPER HEATH

BULK TRUCK

482 DRIVER ---

BULK TRUCK

DRIVER

REMARKS:

Ran 6 JT'S New 20 #8 5/8 CSG. head & received CIRCULATION. Hook-up to pump truck & mixed 200 SK Comm 2 & 3. Release plug & displace 16 3/4 BBL H2O. Cement DID CIRCULATE TO SURFACE. Shut in @ 300#

THANK'S

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 991.00

EXTRA FOOTAGE @

MILEAGE 19 @ 7.00 133.00

MANIFOLD @

TOTAL 1,124.00

CHARGE TO: Berexco Inc. LLC.

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

8 5/8 WOODEN WIPER PLUG -N-C-

TOTAL

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

PRINTED NAME

SIGNATURE [Signature]

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT --- IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 042003

Federal Tax I.D.# 20-5975804

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>
LEASE <u>Armbrister 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 OR 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 6/40 4% Gel 1/4# Flo

EQUIPMENT

PUMP TRUCK CEMENTER John Roberts
 # 398 HELPER Glenn
 BULK TRUCK _____
 # 482 DRIVER _____
 BULK TRUCK _____
 # _____ DRIVER _____

COMMON	<u>145</u>	@	<u>13.00</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

	@		
	@		
Dry Hole Plug	@		
	@		
	@		
TOTAL _____			

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

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____
 SIGNATURE [Signature]

**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 intergranular 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 grding 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

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

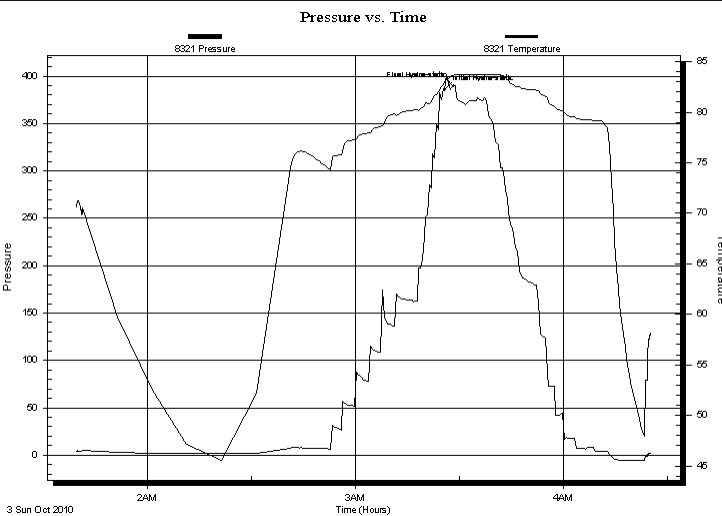
Armbrister Unit #1
10-11s-19w Ellis,KS
Job Ticket: 040904 **DST#: 1**
Test Start: 2010.10.03 @ 01:39:20

GENERAL INFORMATION:

Formation: **Topeka**
Deviated: No Whipstock: ft (KB)
Time Tool Opened:
Time Test Ended: 04:25:26
Interval: **3032.00 ft (KB) To 3105.00 ft (KB) (TVD)**
Total Depth: 3105.00 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 @ Run Depth: 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: 01:39:21 End Time: 04:25:26 Time On Btm: 2010.10.03 @ 03:25:50
Time Off Btm: 2010.10.03 @ 03:28:20

TEST COMMENT: MIS-Run



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	385.41	82.99	Initial Hydro-static
3	389.38	83.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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



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Completion Systems

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

Armbrister Unit #1
10-11s-19w Ellis,KS
 Job Ticket: 040904 **DST#: 1**
 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
			<u>Total Volume: 30.79 bbl</u>	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				



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DRILL STEM TEST REPORT

FLUID SUMMARY

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

Armbrister Unit #1
10-11s-19w Ellis,KS
 Job Ticket: 040904 **DST#: 1**
 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 in ³	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:

Serial #: 8321

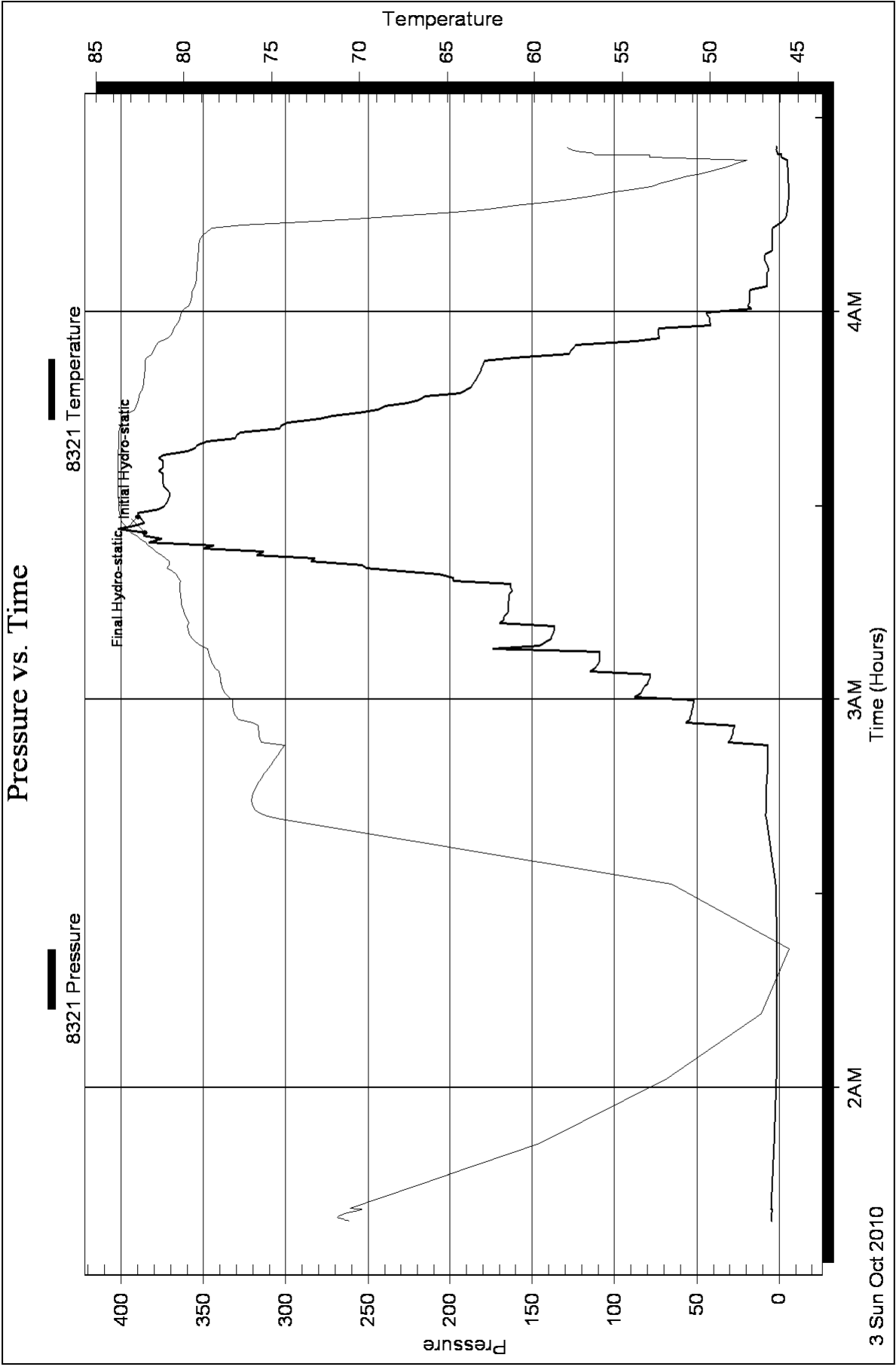
Inside

Berexco LLC

10-11s-19w Ellis,KS

DST Test Number: 1

Pressure vs. Time





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



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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: 040905 **DST#: 2**
Test Start: 2010.10.03 @ 12:36:42

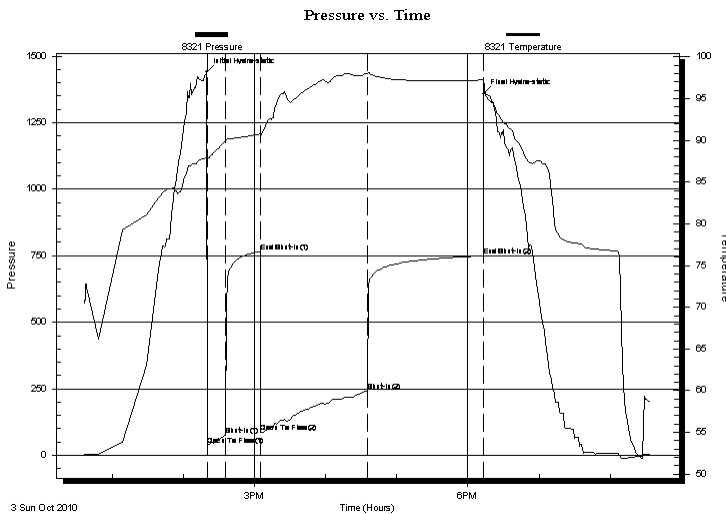
GENERAL INFORMATION:

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 @ Run Depth: 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: IFP-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)



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DRILL STEM TEST REPORT

TOOL DIAGRAM

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

Armbrister Unit #1
10-11s-19w Ellis,KS
Job Ticket: 040905 **DST#: 2**
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				



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DRILL STEM TEST REPORT

FLUID SUMMARY

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

Armbrister Unit #1
10-11s-19w Ellis,KS
 Job Ticket: 040905 **DST#: 2**
 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			

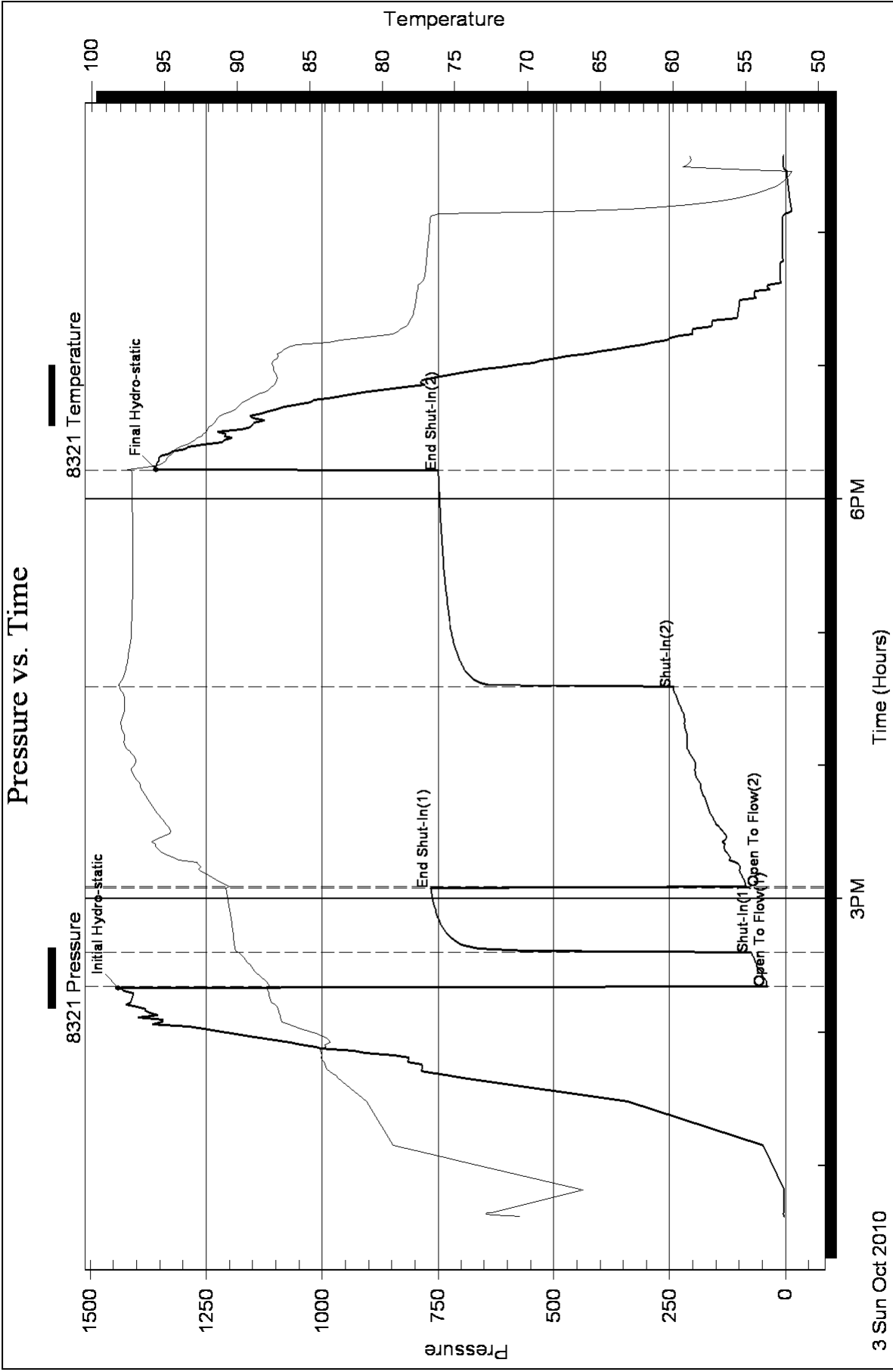
Recovery Information

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:

Pressure vs. Time





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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
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ph: 263-7800 fax: 264-7260



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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: 090406 **DST#: 3**
Test Start: 2010.10.04 @ 20:33:43

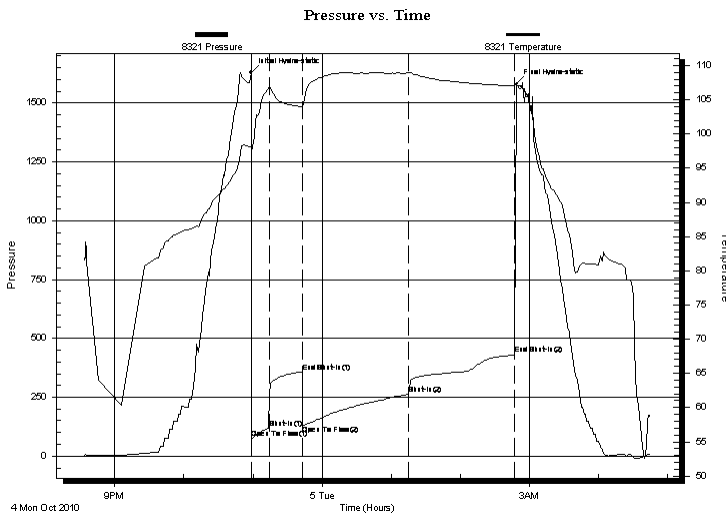
GENERAL INFORMATION:

Formation: **LKC-"B-F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:58:43
Time Test Ended: 04:45:13
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
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 @ Run Depth: 262.67 psig @ 3289.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.10.04 End Date: 2010.10.05 Last Calib.: 2010.10.05
Start Time: 20:33:44 End Time: 04:45:13 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
ISI-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)



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DRILL STEM TEST REPORT

TOOL DIAGRAM

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

Armbrister Unit #1
10-11s-19w Ellis,KS
 Job Ticket: 090406 **DST#: 3**
 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				



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DRILL STEM TEST REPORT

FLUID SUMMARY

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

Armbrister Unit #1
10-11s-19w Ellis,KS
Job Ticket: 090406 **DST#: 3**
Test Start: 2010.10.04 @ 20:33:43

Mud and Cushion Information

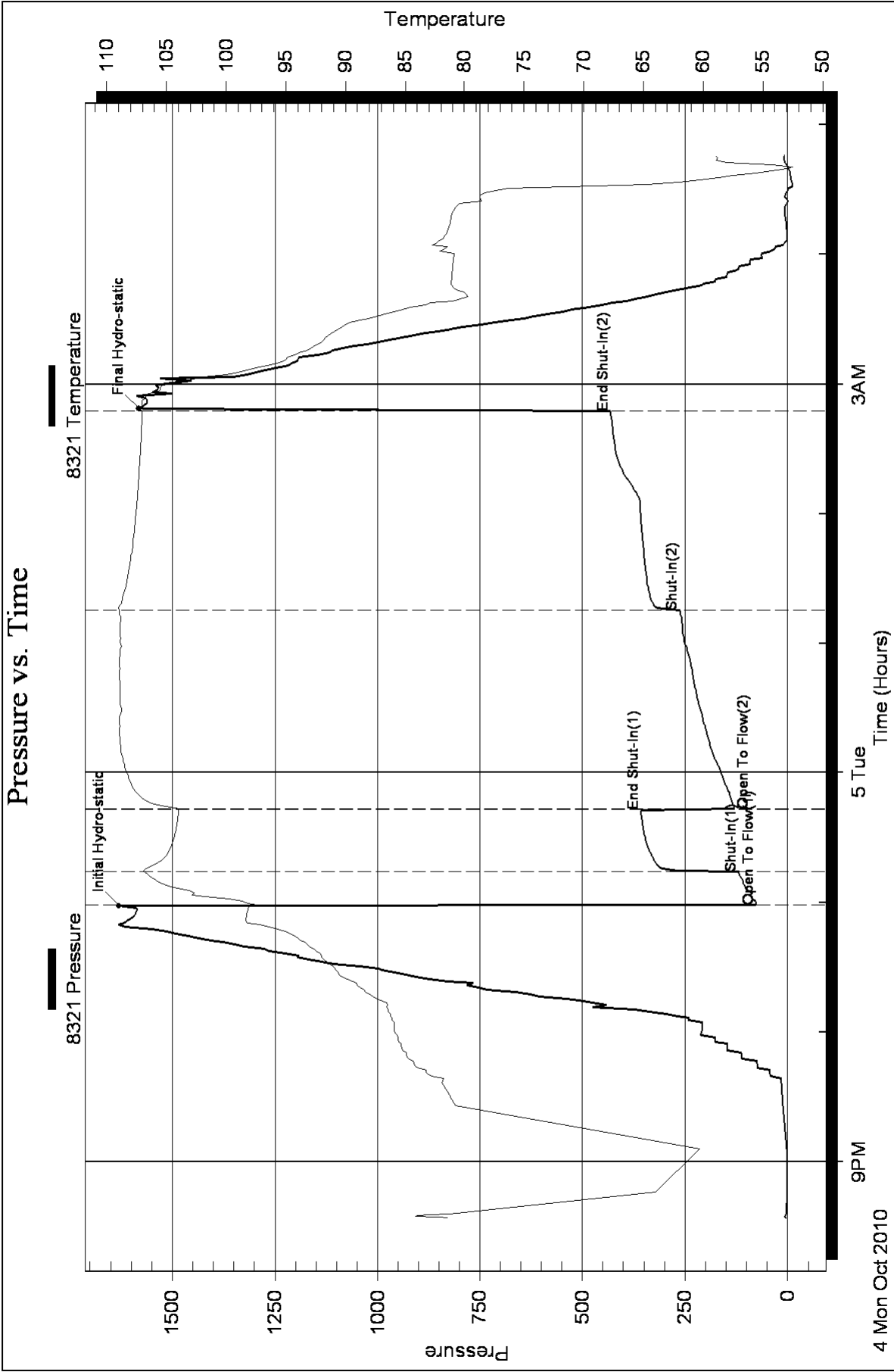
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	80000 ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.17 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

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:





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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
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ph: 263-7800 fax: 264-7260



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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

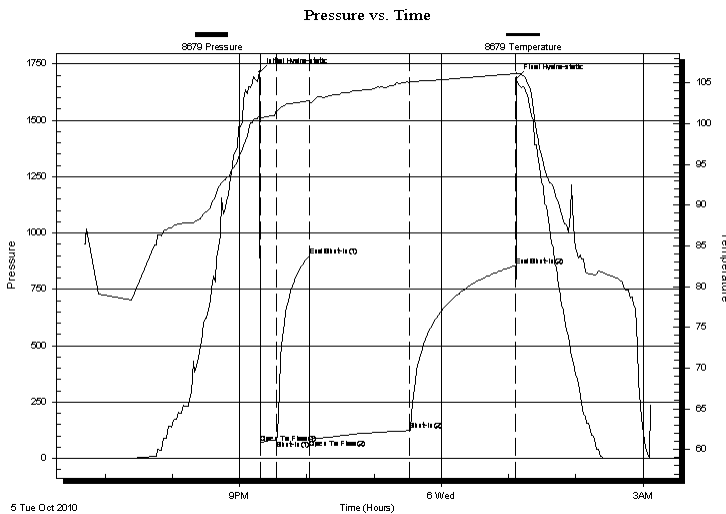
GENERAL INFORMATION:

Formation: **LKC-H-L**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:18:14
Time Test Ended: 03:07:14
Interval: **3375.00 ft (KB) To 3500.00 ft (KB) (TVD)**
Total Depth: 3500.00 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 #: 8679 Outside
Press @ Run Depth: 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	V SOCM 2% O98%M	0.44

Gas Rates

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



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Completion Systems

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

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
			<u>Total Volume: 34.43 bbl</u>	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				



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DRILL STEM TEST REPORT

FLUID SUMMARY

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

Mud and Cushion Information

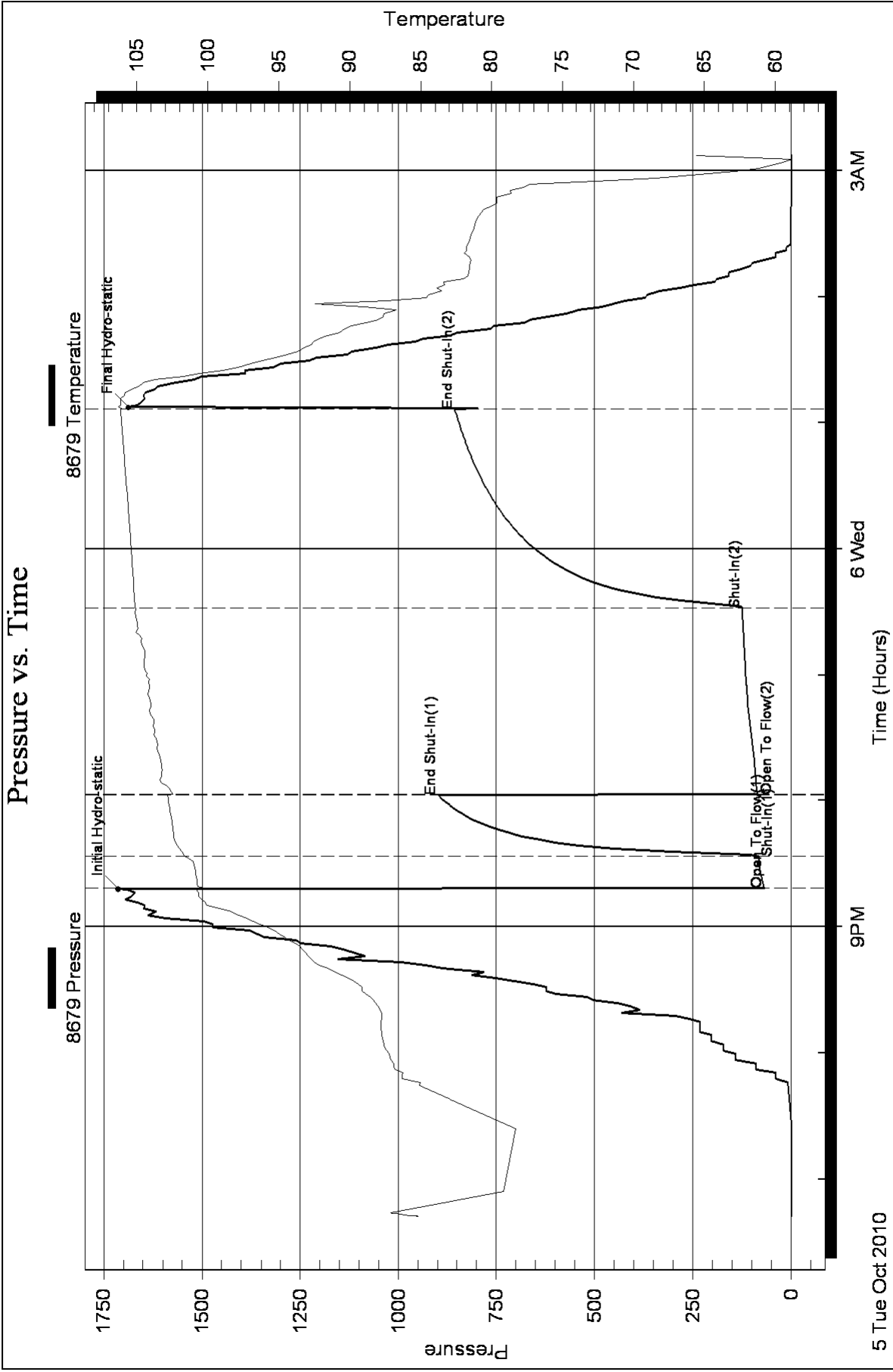
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

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:





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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



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DRILL STEM TEST REPORT

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

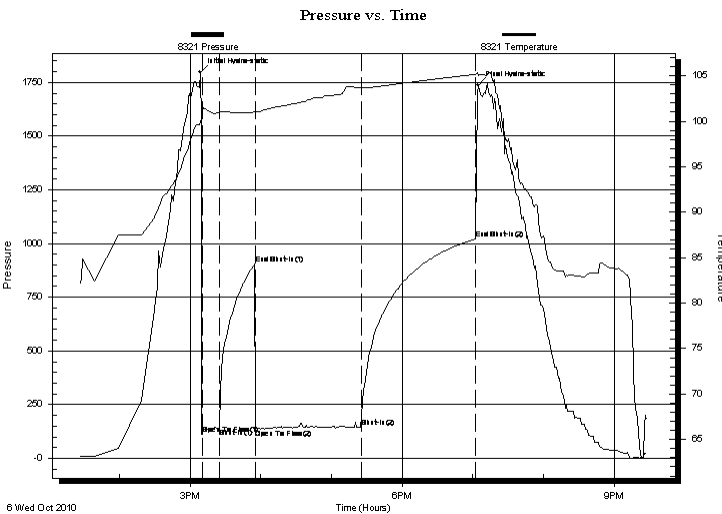
Armbrister Unit #1
10-11s-19w Ellis,KS
Job Ticket: 040908 **DST#: 5**
Test Start: 2010.10.06 @ 13:27:07

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:10:07
Time Test Ended: 21:27:37
Interval: **3507.00 ft (KB) To 3595.00 ft (KB) (TVD)**
Total Depth: 3595.00 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 @ Run Depth: 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)



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DRILL STEM TEST REPORT

TOOL DIAGRAM

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

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				



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Completion Systems

DRILL STEM TEST REPORT

FLUID SUMMARY

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

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 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: inches			

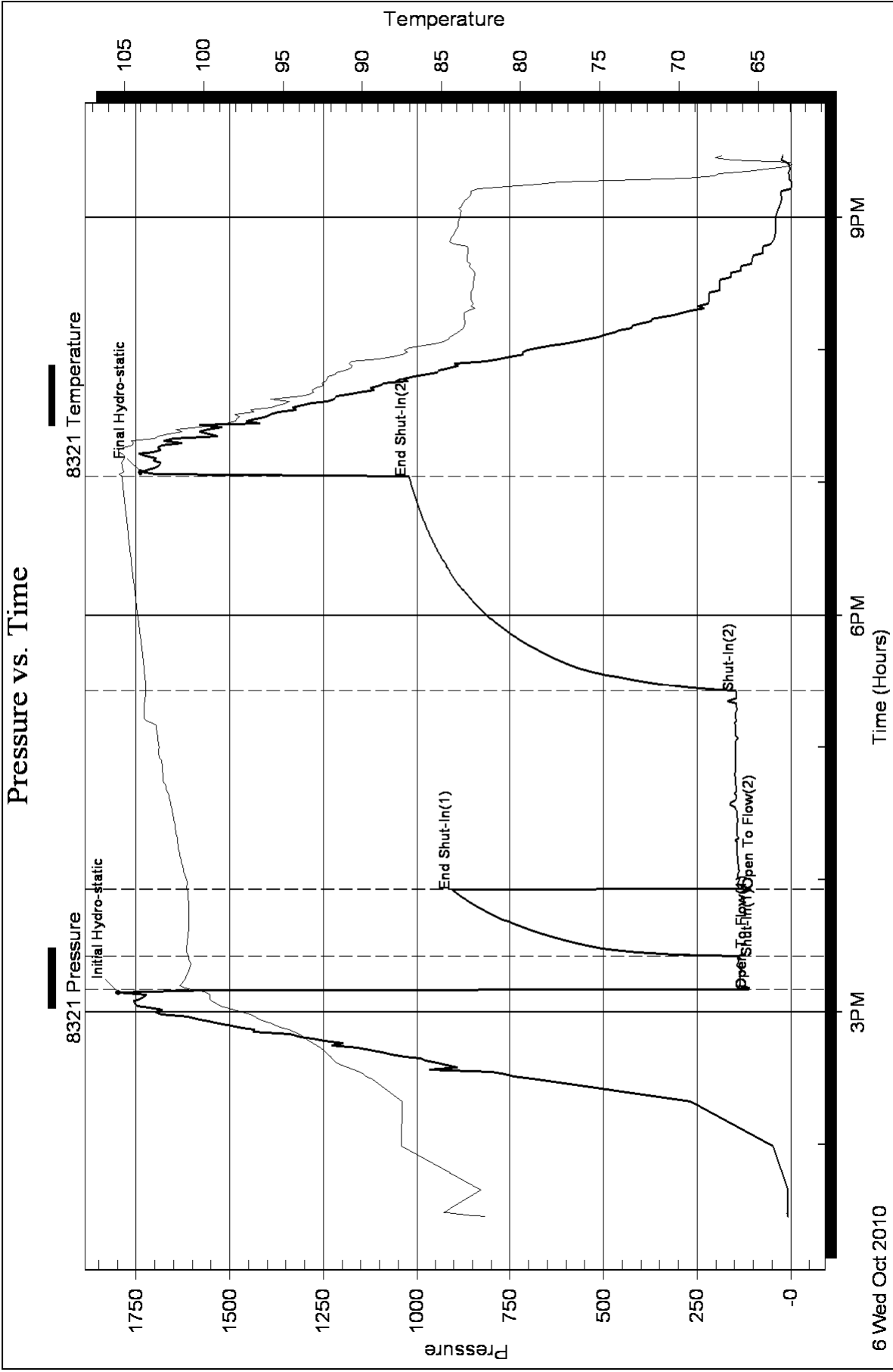
Recovery Information

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:

Pressure vs. Time





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
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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

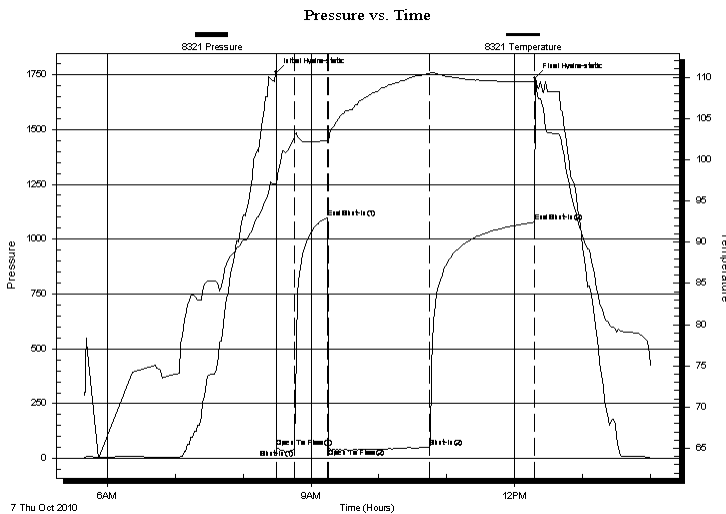
GENERAL INFORMATION:

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 @ Run Depth: 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
ISI-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)



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TOOL DIAGRAM

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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



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FLUID SUMMARY

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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 in ³	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:

Pressure vs. Time

