Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1313480

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

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: Rodney Reynolds
Phone: (316) 265-3311
CONTRACTOR: License # 34317
Name: BEREDCO LLC
Wellsite Geologist: Bryan Bynog
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
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

3/17/2016	3/26/2016	3/27/2016
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-023-21449-00-00
Spot Description:
SW SE NW SW Sec. 29 Twp. 5 S. R. 37 ☐ East ☑ West
1450 Feet from ☐ North / ☑ South Line of Section
760 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Cheyenne
Lease Name: DONNA Well #: 1-29
Field Name:
Producing Formation: N/A
Elevation: Ground: 3412 Kelly Bushing: 3423
Total Vertical Depth: 5100 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 333 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: 1000 ppm Fluid volume: 600 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

☑ **Confidentiality Requested**
Date: 08/04/2016
☐ **Confidential Release Date:**
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 08/04/2016

[redacted] 1313480

Operator Name: BEREXCO LLC Lease Name: DONNA Well #: 1-29

Sec. 29 Twp. 5 S. R. 37 ☐ East ☑ West County: Cheyenne

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	333	Common	250	3% cc, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

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

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: ☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	DONNA 1-29
Doc ID	1313480

All Electric Logs Run

Radiation Guard Log
Microresistivity Log
Dual Induction Log
Dual Comp Porosity Log
Sonic Log

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	DONNA 1-29
Doc ID	1313480

Tops

Name	Top	Datum
Anhydrite (top)	3110	+313
Anhydrite (base)	3148	+275
Foraker	3775	-352
Topeka	4065	-642
Oread	4205	-782
Lansing A	4279	856
Lansing B	4328	-905
Lansing C	4283	-960
Lansing D	4426	-1003
Lansing E	4475	-1052
Lansing F	4508	-1085
Pawnee	4673	-1250
Fort Scott	4698	-1275
Cherokee	4758	-1335
Mississippian	4988	-1565
LTD	5101	-1678

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	DONNA 1-29
Doc ID	1313480

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	333	Common	250	3% cc, 2% gel

ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. #20-5975804

WELL FILE 067619

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

SERVICE POINT: Oakley

DATE 3-17-16	SEC. 29	TWP. 5	RANGE 37	CALLED OUT	ON LOCATION 7:30 Am	JOB START 8:30 A.m	JOB FINISH 9:00 Am
LEASE Oakley	WELL # 1-29		LOCATION Bird City 10S 3E			COUNTY Cheyenne	STATE KS
OLD OR NEW (Circle one)			1 3/4S EinTO				

CONTRACTOR Berexco 10
TYPE OF JOB Surface
HOLE SIZE 12 1/4 T.D. 350'
CASING SIZE 8 5/8 DEPTH 350'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15'
PERFS.
DISPLACEMENT 21.33 BBL

OWNER same

EQUIPMENT

PUMP TRUCK # 431 CEMENTER Andrew Forslund
HELPER Wayne Mahaffy
BULK TRUCK # 890 DRIVER Terry Heinrich
BULK TRUCK # DRIVER

CEMENT

AMOUNT ORDERED 250 sks com 3% cc 2% gel

COMMON	250 sks	@ 12.90	4475.00
POZMIX		@	
GEL	470#	@ .50	235.00
CHLORIDE	705#	@ 1.10	775.50
ASC		@	
TOTAL			5485.50
DISCOUNT	48%		2,633.04

REMARKS:

Cement did circulate

Thank you

SERVICE

HANDLING	220.33 cf/sk	@ 2.48	620.41
MILEAGE	2.25 per/mile	12.33 ton	1685.30
DEPTH OF JOB	350'		
PUMP TRUCK CHARGE			1512.25
EXTRA FOOTAGE		@	
HV MILEAGE	50 miles	@ 2.20	385.00
LV MILEAGE	50 miles	@ 4.40	N/C
Sevedge		@ 225.00	N/C
		@	
TOTAL			4,263.03
DISCOUNT	48%		2,046.25

CHARGE TO: Berexco
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@ [*]

To: Allied Oil & Gas Services, LLC

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

PRINTED NAME Gilbert Davila Jr

SIGNATURE Gilbert Davila Jr

[2]

_____ @ _____ _____
_____ @ _____ _____
_____ @ _____ _____
_____ @ _____ _____
_____ @ _____ _____

TOTAL _____

DISCOUNT ____% _____

SALES TAX (If Any) _____

TOTAL CHARGES 9,748.53

DISCOUNT 4,679.29 (48%) IF PAID IN 30 DAYS

NET TOTAL 5,069.23 IF PAID IN 30 DAYS

ALLIED OIL & GAS SERVICES, LLC

CEMENTING LOG

STAGE NO.

Date 3-17-16 District Oakley Ticket No. 067419
Company Berexco Rig Beredco 10
Lease Donna Well No. 1-29
County Cheyenne State KS
Location 29 5 37 Field
Bird City 10S 38E 1/4S E into

CASING DATA: Conductor ☐ PTA ☐ Squeeze ☐ Misc ☐
Surface ☒ Intermediate ☐ Production ☐ Liner ☐
Size 8 5/8 Type Weight Collar

Casing Depths: Top KB Bottom 350

Drill Pipe: Size Weight Collars
Open Hole: Size 12 1/4 T.D. 350 ft. P.B. to ft.

CAPACITY FACTORS:
Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl.
Open Holes: Bbls/Lin. ft. Lin. ft./Bbl.
Drill Pipe: Bbls/Lin. ft. Lin. ft./Bbl.
Annulus: Bbls/Lin. ft. Lin. ft./Bbl.
Bbls/Lin. ft. Lin. ft./Bbl.
Perforations: From ft. to ft. Amt.

CEMENT DATA:
Spacer Type:
Amt. Sks Yield ft³/sk Density PPG

LEAD: Pump Time hrs. Type Com 3%cc
3%gel Excess
Amt. 250 Sks Yield 1.34 ft³/sk Density 15.2 PPG
TAIL: Pump Time hrs. Type
Excess
Amt. Sks Yield ft³/sk Density PPG
WATER: Lead gals/sk Tail gals/sk Total Bbls.

Pump Trucks Used 431
Bulk Equip. 890

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

COMPANY REPRESENTATIVE
CEMENTER Andrew

TIME (AM/PM)	PRESSURES PSI: DRILL PIPE CASING	PRESSURES PSI: ANNULUS	FLUID PUMPED DATA: TOTAL FLUID	FLUID PUMPED DATA: Pumped Per Time Period	FLUID PUMPED DATA: RATE Bbls Min.	REMARKS
8:30						Start mixing cement
						Cement mixed
						Start Displacement
				10		
				11.3		Displacement in
						Stop pump
						Shut in
9:00						Cement did circulate

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

MILLER PRINTERS, INC. - Great Bend, KS

BEREXCO, LLC.
DONNA #1-29
NWSW SECTION 29 5S-37W
CHEYENNE COUNTY, KANSAS

GEOLOGIST
WILLIAM B. BYNOG

RESUME

OPERATOR:	BEREXCO, LLC.
WELL NAME & NUMBER:	DONNA #1-29
LOCATION:	NWSW SECTION 29 5S-37W
COUNTY:	CHEYENNE
STATE:	KANSAS
SPUD DATE: 3-16-2016	COMPLETION DATE: 3-26-2016
ELEVATIONS:	GL: 3412 KB: 3423
CONTRACTOR:	BEREDCO RIG 10
LOGS: LOG TECH	TYPES: RAG, MICROLOG
WELLSITE ENGINEER:	NONE
MUD COMPANY:	MORGAN MUD
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 4285-4360, DST#2 4430-4490, DST#34640-4825
WELL STATUS:	P & A

DISCUSSION

Donna #1-29 5S-37W was drilled a total depth of 5100 feet testing the Lansing Kansas City, Pawnee, and Cherokee and Mississippian formations in Cheyenne County, Kansas. This well was a wildcat drilled with the help of seismic data and well control.

Structurally, Donna #1-29 came in flat to the prognosis and 39 feet high to Junior Megley Trust #1 in section 28 5S-37W.

There were minor shows of dead black stain in the lower Wabunsee and Toronto formations, none worthy of a drill stem test. The first good live oil show was encountered in the Lansing B zone at 4340-50 feet in a fractured limestone with poor porosity. This zone was tested on drill stem test #1 recovering 388 feet of watery mud and muddy water. Drilling continued to the Lansing E zone encountering a Grainstone with poor porosity but good shows. The E was tested on drill stem test #2 recovering only 5 feet of drilling mud. Drilling continued to the Pawnee encountering a poor oil show in a tight limestone. A decision was made to continue drilling to the first Cherokee sand and then run drill stem test #3 on the Pawnee, Fort Scott and upper most Cherokee sand. Drill stem test#3 recovered 2196 feet of muddy water or watery mud with excellent pressures from the upper most Cherokee sand. The remaining Cherokee section had no shows so drilling continue to total depth in the Mississippian formation.

Logs agreed with sample evaluation recording poor to fair porosity development in most zones except for the Lansing B zone and Cherokee sands but proved to be wet on drill stem tests and logs.

A decision was made to plug and abandon based on poor drill stem test recovery and log calculations.

Donna #1-29 Sample Descriptions

3900-50 SHALE red,soft,very argillaceous with thin LIMESTONE buff,hard,sandy in part,dirty,poor porosity,no shows

FORAKER

3950-66 LIMESTONE buff,very hard,silty in part, dirty,argillaceous,poor porosity,no shows with thin SHALE aaa

3966-4000 LIMESTONE buff,pale yell,slightly hard,sandy in part,fossils,dense with thin SHALE as above

4000-20 LIMESTONE off white,firm,chalky,slightly fossils,poor vis porosity,no shows

4020-40 LIMESTONE off white,buff,fossils,chalky in part,poor porosity,abundant Chert orange

4040-70 SHALE red,green,firm,very silty in part

TOPEKA

4070-4100 LIMESTONE white,firm,very chalky,very sandy in part,poor to fair porosity,trace black dead stain, with very thin SHALE green,waxy

4100-30 LIMESTONE white,soft to firm,very chalky, poor vis porosity,no shows

4130-40 SHALE black,firm,very carbonaceous

4140-50 LIMESTONE white,firm,very chalky,poor porosity,spotty black dead stain

4150-70 SHALE red,very silty,becoming SILTSTONE in part

4170-85 LIMESTONE buff,hard,blocky, fnly microcrystalline,chalky in part,poor porosity,trace black dead stain

4185-4205 SHALE as above with thin SANDSTONE white,friable,very fine grained,very chalky,poor porosity,no shows

OREAD

4205-10 LIMESTONE off white,firm, microcrystalline,fair crystalline porosity,no shows

4210-24 LIMESTONE white,soft,very chalky,poor vis porosity,no shows

4224-30 SHALE black,firm,very carbonaceous

4230-36 LIMESTONE off,white,firm, microcrystalline,fair intxln porosity,trace black dead stain,trace pyrite

4236-50 SHALE red,firm,very silty,grading to SILTSTONE red,friable,sandy,poor porosity

4250-60 SHALE red,firm,very argillaceous

4260-68 LIMESTONE white,firm,very chalky,poor vis porosity, spotty black dead stain

4268-79 SHALE as above

LANSING A

4279-90 LIMESTONE white,firm,chalky,poor to fair microcrystalline porosity,no shows,dism pyrite

4290-4300 SHALE as above with thin SANDSTONE off white, slightly hard,very fine grained,wsrtd,dense calcareous cement,poor porosity,no shows

4300-10 SHALE red,firm,silty

4310-20 LIMESTONE white,firm,very chalky,poor vis porosity, very spotty black dead stain,nfo

4320-28 SHALE green,firm,waxy in part

B

4328-4240 LIMESTONE white,firm,sub chalky to very chalky,poor vis porosity,trace black dead stain,nfo

4340-50 LIMESTONE buff,pale gray,very hard,dense,blocky,poor porosity,very spotty live oil stain along fractures,good live cut,poor show free oil

4350-66 SHALE red,firm,silty

4366-76 LIMESTONE white,slightly hard,microcrystalline,chalky in part,fossils,poor to fair crystalline porosity,no shows

4376-84 SHALE green,gray green,firm,silty

C

4384-92 LIMESTONE white,firm,sub chalky to very chalky, slightly fossils,poor vis porosity,no shows

4392-4400 LIMESTONE buff,cream,very hard,dense, blocky,no porosity,no shows

4400-24 SHALE black carbonaceous,green,red,argillaceous with very thin LIMESTONE gray,hard,fossils,shaly

D

4424-40 LIMESTONE buff,cream,very hard,dense, crptoxln,chalky in part,no shows

4440-50 SHALE red,green,silty,sandy in part

4450-56 LIMESTONE buff,very hard,dense,blocky, crptoxln,no shows

4456-68 SHALE red,firm,silty in part

E

4468-84 GRAINSTONE off white,firm,very fossils,slightly chalky,poor to trace fair pinpoint and intg vuggy,spotty to even live brown stain,very good cut,good show free oil

4484-90 SHALE green,gray green,firm,waxy in part,some black,carbonaceous

4490-4510 SHALE red,silty,green waxy in part,some marn slightly hard

4510-36 LIMESTONE buff,tan,very hard,dense,very fnly crystalline,chalky in part,some Chert orange,tan,no shows with thin SHALE as above

4536-44 LIMESTONE as above abundant Chert orange

4544-62 SHALE red,green,as above with thin SANDSTONE white,hard,very fine grained,blocky,dense chalky cement,poor porosity,very spotty black dead stain,nfo

4562-70 LIMESTONE buff,pale gray,very hard,dense,very fnly crystalline,poor porosity,no shows

4570-90 SHALE red,soft,very argillaceous with very thin LIMESTONE as above

4590-4612 SHALE green,gray green,gray,marn,red,firm, flaky,some black carbonaceous

4612-24 LIMESTONE white,firm,crystalline,chalky,fair inxln porosity,no shows

4624-34 SHALE green,gray green,marn,firm as above

4634-52 LIMESTONE tan,very hard,dense,crptoxln, blocky,some Chert tan,poor porosity,no shows

4652-70 Shale black,gray black,firm,fissile,carbonaceous

PAWNEE

4670-80 LIMESTONE white,slightly hard,very slightly oolic,chalky, abundant Chert white,poor pinpoint porosity,very rare live brown stain,poor cut

4980-90 LIMESTONE as above becoming very chalky,poor porosity,no shows

4690-98 SHALE black,firm,fissile,very carbonaceous

4698-4706 LIMESTONE white,firm,very chlky,poor vis porosity,no shows

4706-20 LIMESTONE as above very abundant Chert white

4720-26 SHALE black,firm,fissile,very carbonaceous

4726-40 LIMESTONE white,firm,very chalky,poor vis porosity, abundant Chert white,cream

4740-50 LIMESTONE brown,very hard,dense,crptoxln with abundant Chert gray,black

CHEROKEE SHALE

4650-70 SHALE black,firm,fissile,carbonaceous with thin LIMESTONE tan,very hard,very dense,blocky,some Chert brown

4770-85 LIMESTONE buff,pale gray,very hard,very dense, crptoxln,blocky,no shows,pyrite

nods,trace Chert cream

4790-4812 SHALE green,gray green,black,firm,fissile with very thin LIMESTONE brown,very hard,very dense,crptoxln

4812-16 SANDSTONE translucent,slightly hard,fine to coarse grained,rounded to angular, poor sorted,wcmt,calcareous,poor vis porosity,no shows

4816-24 SANDSTONE translucent,slightly hard,m to very coarse grained,sbang to angular,psrtd,fair intg porosity,trace glauconite,nd

4824-50 SANDSTONE translucent,firm,fine to coarse grained,rounded to sbang,psrtd,fair intg porosity,no shows with thinSH red,green,gray,marn,firm,fissile

4850-72 SHALE as above with thin SANDSTONE as above,no shows

4872-4918 LIMESTONE buff to pale gray,very h dense, crptoxln to microcrystalline,chalky in part,some Chert orange with thin SHALE as above

4918-60 SHALE red,green,gray,some yell,firm,silty in part,very abundant pyrite

4960-68 SANDSTONE translucent,friable,fine to m grained,rounded,wstrd,good intg porosity,no shows

MISSISSIPPIAN

4918-30 SHALE var color,as above with thin SANDSTONE as above becoming hard,dense sileous cement,poor vis porosity,no shows

4980-90 CHERT white,cream,orange,very hard, fresh,sharp

4990-5010 LIMESTONE cream,firm,fnly microcrystalline,sub chalky,poor vis porosity,no shows abundant Chert as above with thin SHALE as above

5010-50 LIMESTONE cream,light tan,hard,microcrystalline, silty in part,poor to fair porosity,no shows abundant Chert with thin DOLOMITE buff,very hard,dense,crptoxln

5050-5100 LIMESTONE buff,light gray,hard,dense,crptoxln to microcln,chalky in part,poor vis porosity,no shows abundant Chert as above with thin SHALE and DOLOMITE as above

RTD 5100'

LTD 5101'

DRILL STEM TEST REPORT

Berexco, LLC

2020 N Bramblew ood
Wichita, KS 67206

ATTN: Bryan Bynog

29-5S-37W Cheyenne, KS

Donna #1-29

Job Ticket: 65309 **DST#: 1**

Test Start: 2016.03.21 @ 12:28:00

GENERAL INFORMATION:

Formation: **LKC "A,B,C"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:46:00
Time Test Ended: 22:15:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Kevin Mack
Unit No: 82

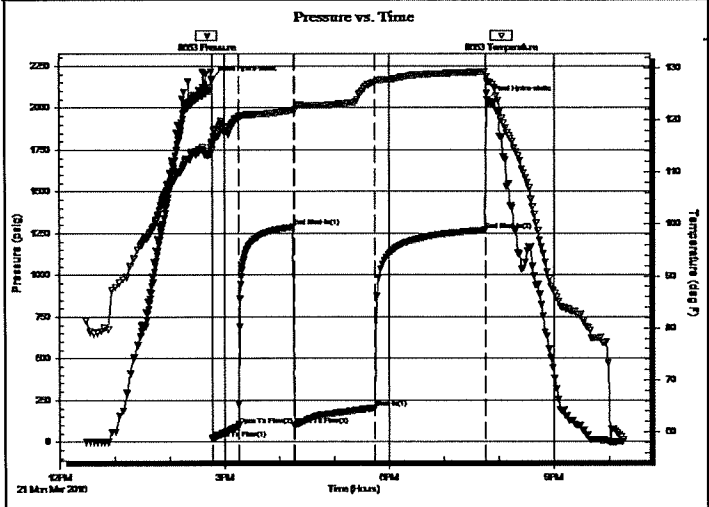
Interval: 4285.00 ft (KB) To 4360.00 ft (KB) (TVD)
Total Depth: 4360.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3424.00 ft (KB)
3412.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8653 **Outside**
Press@RunDepth: 203.99 psig @ 4286.00 ft (KB)
Start Date: 2016.03.21 End Date: 2016.03.21
Start Time: 12:29:00 End Time: 22:15:00

Capacity: 8000.00 psig
Last Calib.: 2016.03.21
Time On Btm: 2016.03.21 @ 14:45:50
Time Off Btm: 2016.03.21 @ 19:47:00

TEST COMMENT: 30 - IF- 1/8" Blow built to 4 1/2"
60 - ISI- No Return
90 - FF- Surface Blow started at 10 min. Built to 4 1/2"
120 - FSI- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2172.07	115.63	Initial Hydro-static
1	21.39	114.37	Open To Flow (1)
30	102.63	120.30	Open To Flow (2)
90	1287.05	121.84	End Shut-In(1)
91	97.67	121.78	Open To Flow (3)
179	203.99	127.25	Shut-In(1)
300	1269.12	129.25	End Shut-In(2)
302	2046.39	127.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
59.00	MW 30M 70W	0.29
118.00	MW 40M 60W	0.58
118.00	MW 50M 50W	0.58
93.00	WM 30W 70M	1.30

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco, LLC

2020 N Bramblew ood
Wichita, KS 67206

ATTN: Bryan Bynog

29-5S-37W Cheyenne, KS

Donna #1-29

Job Ticket: 65309 **DST#: 1**

Test Start: 2016.03.21 @ 12:28:00

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:	26000 ppm
Viscosity:	60.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.80 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3200.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
59.00	MW 30M 70W	0.290
118.00	MW 40M 60W	0.580
118.00	MW 50M 50W	0.580
93.00	WM 30W 70M	1.305

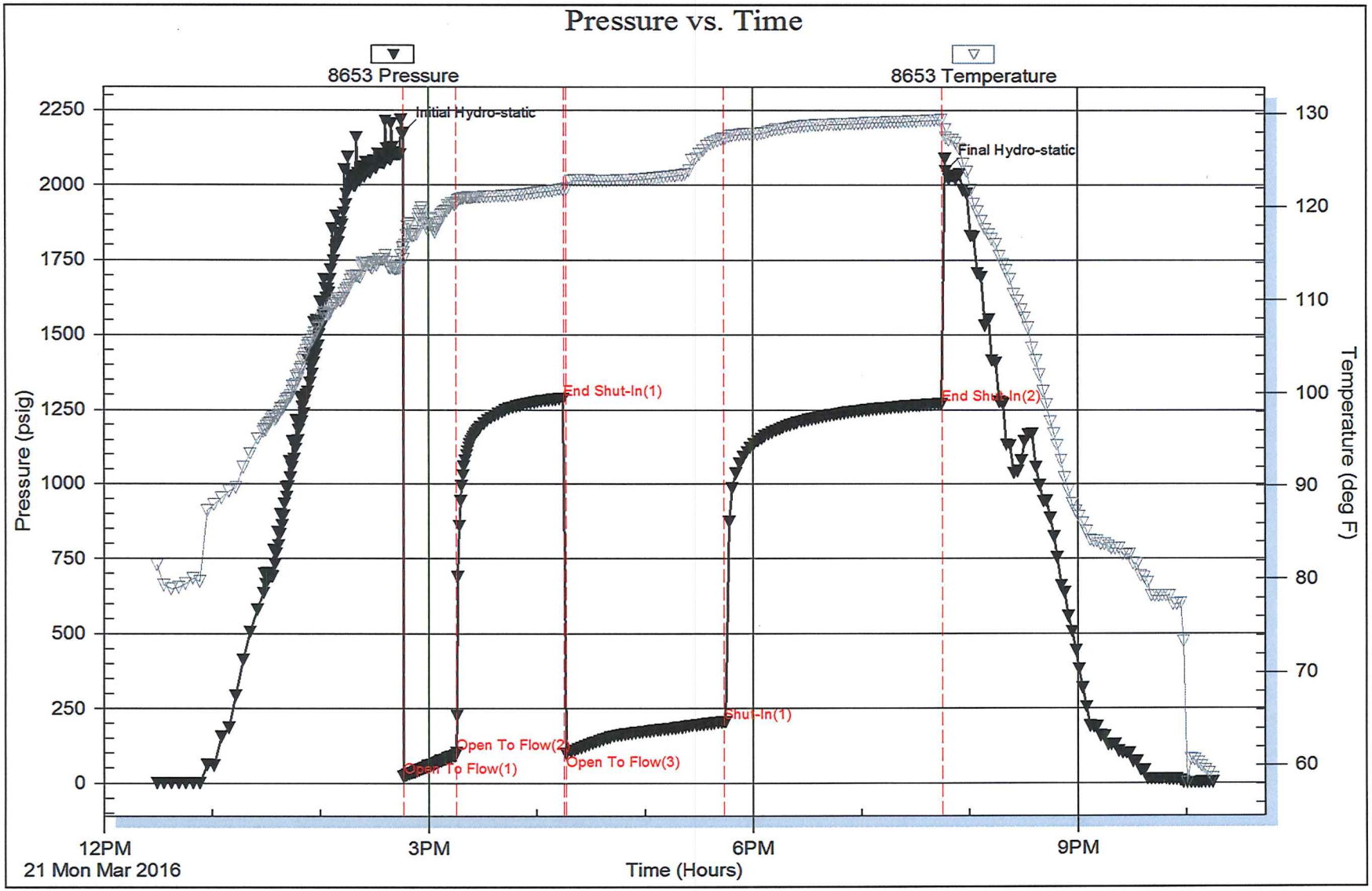
Total Length: 388.00 ft Total Volume: 2.755 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW = .27 @ 70 deg = 26000ppm

Serial #: 8653 **Outside** Berexco, LLC Donna #1-29 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 65309 Printed: 2016.03.22 @ 07:25:18

DRILL STEM TEST REPORT

Berexco, LLC

2020 N Bramblew ood
Wichita, KS 67206

ATTN: Bryan Bynog

29-5S-37W Cheyenne, KS

Donna #1-29

Job Ticket: 65310 **DST#: 2**

Test Start: 2016.03.22 @ 18:00:00

GENERAL INFORMATION:

Formation: **LKC "E"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:20:00
Time Test Ended: 03:44:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Kevin Mack
Unit No: 82

Interval: 4430.00 ft (KB) To 4490.00 ft (KB) (TVD)
Total Depth: 4490.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

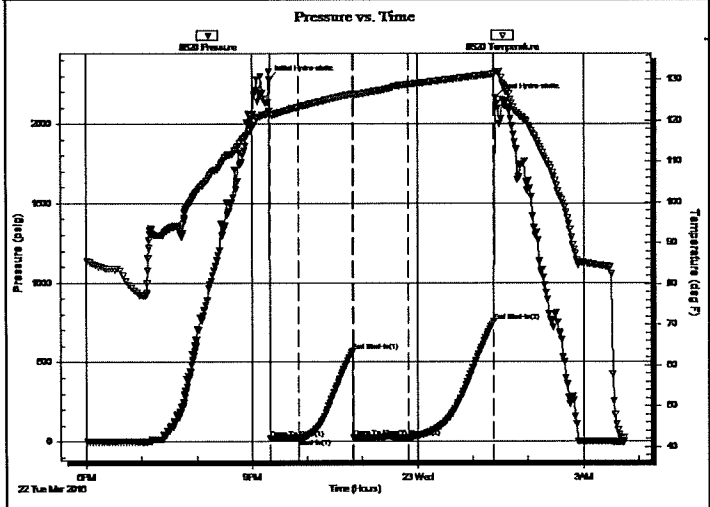
Reference Elevations: 3424.00 ft (KB)
3412.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8520 **Inside**

Press@RunDepth: 25.68 psig @ 4431.00 ft (KB)
Start Date: 2016.03.22 End Date: 2016.03.23
Start Time: 18:01:00 End Time: 03:44:30

Capacity: 8000.00 psig
Last Calib.: 2016.03.23
Time On Btm: 2016.03.22 @ 21:19:00
Time Off Btm: 2016.03.23 @ 01:24:30

TEST COMMENT: 30 - IF- Weak Surface Blow built to 1/8" then died back to surface blow
60 - ISI- No Return
60 - FF- No Blow
90 - FSI- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2280.97	122.19	Initial Hydro-static
1	19.68	121.33	Open To Flow (1)
31	21.08	123.19	Shut-In(1)
90	567.63	126.41	End Shut-In(1)
91	22.99	126.18	Open To Flow (2)
151	25.68	128.76	Shut-In(2)
244	755.95	131.34	End Shut-In(2)
246	2162.20	131.91	Final Hydro-static

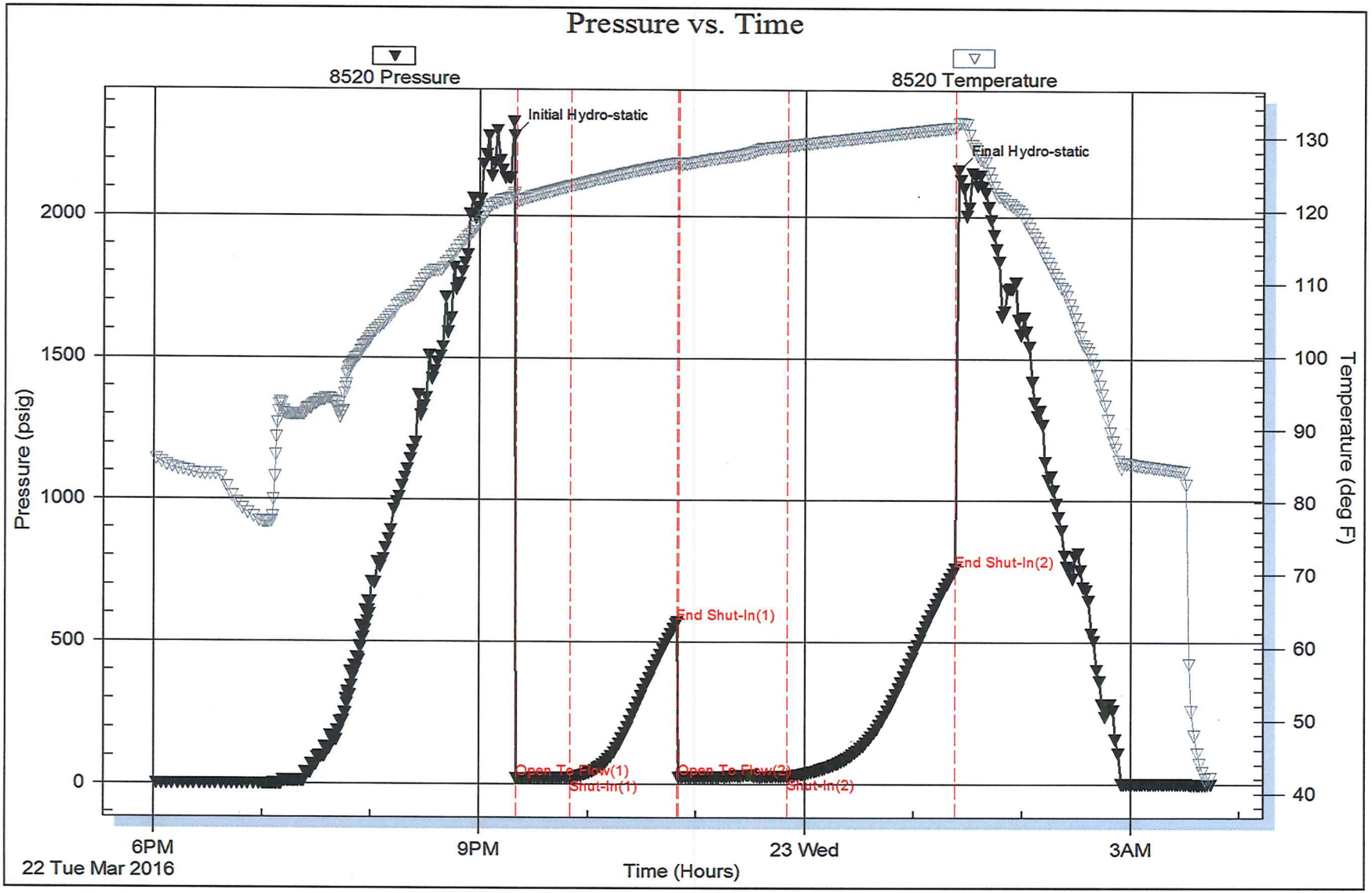
Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100M	0.02

Gas Rates

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

Serial #: 8520 **Inside** Berexco, LLC Donna #1-29 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 65310 Printed: 2016.03.23 @ 07:33:00

DRILL STEM TEST REPORT

Berexco, LLC

2020 N Bramblew ood
Wichita, KS 67206

ATTN: Bryan Bynog

29-5S-37W Cheyenne, KS

Donna #1-29

Job Ticket: 65311 **DST#: 3**

Test Start: 2016.03.24 @ 19:48:00

GENERAL INFORMATION:

Formation: **Pawnee, Ft. Scott, C**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:35:50
Time Test Ended: 07:02:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Kevin Mack
Unit No: 82

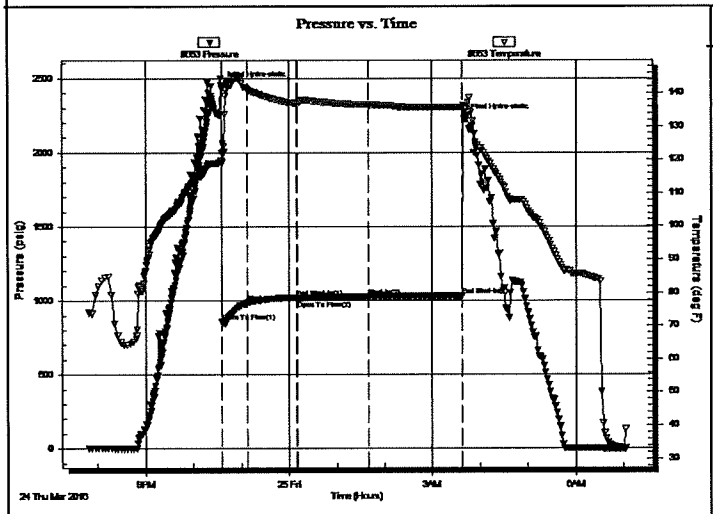
Interval: 4640.00 ft (KB) To 4825.00 ft (KB) (TVD)
Total Depth: 4825.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3424.00 ft (KB)
3412.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8653 **Outside**
Press@RunDepth: 1028.50 psig @ 4641.00 ft (KB)
Start Date: 2016.03.24 End Date: 2016.03.25
Start Time: 19:49:00 End Time: 07:02:30

Capacity: 8000.00 psig
Last Calib.: 2016.03.25
Time On Btm: 2016.03.24 @ 22:35:20
Time Off Btm: 2016.03.25 @ 03:41:30

TEST COMMENT: 30 - IF- BoB in 45 sec.
60 - ISI- No Return
90 - FF- Weak Surface Blow built to 5 1/2"
120 - FSI- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2451.00	119.27	Initial Hydro-static
1	857.69	119.03	Open To Flow (1)
33	986.50	141.20	Shut-In(1)
94	1022.50	136.78	End Shut-In(1)
96	1001.70	136.72	Open To Flow (2)
185	1028.50	136.42	Shut-In(2)
303	1030.75	135.69	End Shut-In(2)
307	2230.89	135.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
295.00	MW 5M 95W	1.45
567.00	MW 20M 80W	7.95
441.00	MW 40M 60W	6.19
378.00	WM 40W 60M	5.30
515.00	WM 90M 10W	7.22

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco, LLC

2020 N Bramblew ood
Wichita, KS 67206

ATTN: Bryan Bynog

29-5S-37W Cheyenne, KS

Donna #1-29

Job Ticket: 65311 **DST#: 3**

Test Start: 2016.03.24 @ 19:48:00

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:	17000 ppm
Viscosity:	64.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.99 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4200.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
295.00	MW 5M 95W	1.451
567.00	MW 20M 80W	7.954
441.00	MW 40M 60W	6.186
378.00	WM 40W 60M	5.302
515.00	WM 90M 10W	7.224

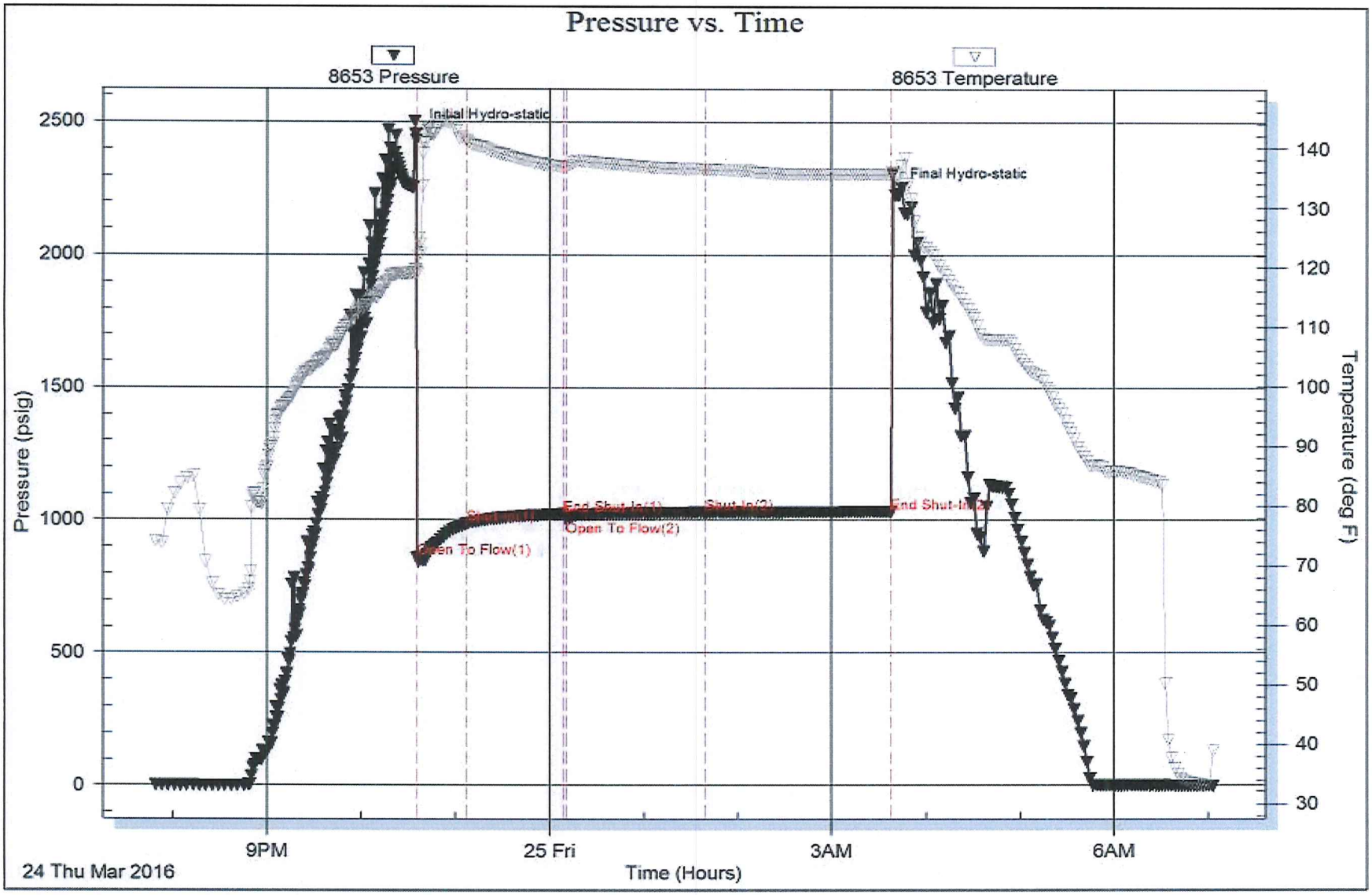
Total Length: 2196.00 ft Total Volume: 28.117 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW = .52 @ 64 deg = 17,000ppm

Serial #: 8653 **Outside** Berexco, LLC Donna #1-29 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 65311 Printed: 2016.03.25 @ 09:48:30

ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. #20-5975804

067622

WELL FILE

APR 12 2016

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

SERVICE POINT: Oakley

DATE 3-27-16	SEC. 29	TWP. 5	RANGE 37	CALLED OUT	ON LOCATION 3:00 Am	JOB START 1:00 p.m	JOB FINISH 7:00 Am
LEASE Donna	WELL # 1-29		LOCATION Bird City 10S 2E			COUNTY Cheyenne	STATE KS
OLD OR (NEW) (Circle one)			1/4S Into				

CONTRACTOR Beredco 10
TYPE OF JOB PTA
HOLE SIZE 7 7/8 T.D. 5100'
CASING SIZE DEPTH
TUBING SIZE DEPTH
DRILL PIPE 4 1/2 DEPTH 3130'
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

OWNER Same

CEMENT

AMOUNT ORDERED 255 sks 60/40 4% gel 1/4 Flo-seal

EQUIPMENT

PUMP TRUCK # 518-281 CEMENTER Andrew Fairslund
HELPER Wayne McGaughy
BULK TRUCK # 891 DRIVER Cory Brown
BULK TRUCK # DRIVER

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@		
60/40 4% gel 255	@	18.92	4824.60
	@		
Flo-seal 64#	@	2.97	190.08
	@		
	@		
	@		
	@		
	@		
TOTAL			5014.68
DISCOUNT 48 %			2,407.05

REMARKS:

50 sks @ 3130'
100 sks @ 2215'
50 sks @ 400'
10 sks @ 40'
15 sks mouse hole
30 sks Rathole

thank you

SERVICE

HANDLING 223.87 cu/ft	@	2.48	629.19
MILEAGE 2.25 ton/mile 11.43 tons			514.64
DEPTH OF JOB 3130'			
PUMP TRUCK CHARGE			2600.00
EXTRA FOOTAGE	@		
HV MILEAGE 50 miles	@	2.20	385.00
LV MILEAGE 50 miles	@	4.40	N/C
	@		
	@		
TOTAL			5236.28
DISCOUNT 48 %			2513.41

CHARGE TO: Berexco
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

8 5/8
1 Dry Hole Plug @ 110.00

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

PRINTED NAME Gilbert Dwight Jr

SIGNATURE Gilbert Dwight

1 Dry Hole Plug	@	110.00
	@	
	@	
	@	
	@	

APR 12 2016

TOTAL 110.00

DISCOUNT 48 % 52.80

SALES TAX (If Any) _____

TOTAL CHARGES 10,360.96

DISCOUNT 4,973.26 (48%) IF PAID IN 30 DAYS

NET TOTAL 5,387.70 IF PAID IN 30 DAYS

APR 12 2016

ALLIED
OIL & GAS SERVICES, LLC

CEMENTING LOG

STAGE NO.

Date 3-27-16 District Oakley Ticket No. 062629
Company Berexco Rig Berexco 10
Lease Donna Well No. 1-29
County Cheyenne State KS
Location 29 5 37 Field
Bird City 10S 2E 1/4S E into

CASING DATA: Conductor ☐ PTA ☒ Squeeze ☐ Misc ☐
Surface ☐ Intermediate ☐ Production ☐ Liner ☐

Size ____ Type ____ Weight ____ Collar ____

Casing Depths: Top ____ Bottom ____

Drill Pipe: Size 4 1/2 Weight ____ Collars ____
Open Hole: Size 7 7/8 T.D. 5100 ft. P.B. to 3130 ft.

CAPACITY FACTORS:

Casing:	Bbls/Lin. ft. ____	Lin. ft./Bbl. ____	
Open Holes:	Bbls/Lin. ft. ____	Lin. ft./Bbl. ____	
Drill Pipe:	Bbls/Lin. ft. .01422	Lin. ft./Bbl. ____	
Annulus:	Bbls/Lin. ft. ____	Lin. ft./Bbl. ____	
	Bbls/Lin. ft. ____	Lin. ft./Bbl. ____	

Perforations: From ____ ft. to ____ ft. Amt. ____

CEMENT DATA:
Spacer Type: Water
Amt. ____ Sks Yield ____ ft³/sk Density ____ PPG

LEAD: Pump Time ____ hrs. Type 60/40 4%gel
¼ Flo-seal Excess ____
Amt. 255 Sks Yield 1.4 ft³/sk Density 14.1 PPG

TAIL: Pump Time ____ hrs. Type ____
Excess ____
Amt. ____ Sks Yield ____ ft³/sk Density ____ PPG
WATER: Lead ____ gals/sk Tail ____ gals/sk Total ____ Bbls.

Pump Trucks Used 818-281
Bulk Equip. 891

Float Equip: Manufacturer ____
Shoe: Type ____ Depth ____
Float: Type ____ Depth ____
Centralizers: Quantity ____ Plugs Top ____ Btm. ____
Stage Collars ____
Special Equip. ____
Disp. Fluid Type ____ Amt. ____ Bbls. Weight ____ PPG
Mud Type ____ Weight ____ PPG

COMPANY REPRESENTATIVE ____ CEMENTER Andrew

TIME AM/PM	PRESSURES PSI DRILL PIPE CASING	PRESSURES PSI ANNULUS	FLUID PUMPED DATA TOTAL FLUID	FLUID PUMPED DATA Pumped Per Time Period	FLUID PUMPED DATA RATE Bbls Min.	REMARKS	
6:00				5		Pump water	3130'
				8		mix cement	
				5		Pump water	
				36.5		Pump mud	
				5		Pump water	2215'
				16		mix cement	
				5		Pump water	
				20.52		Pump mud	
				5		Pump water	400'
				8		mix cement	
				2.20		Pump water	
				1.15		mix cement	40'
				2.4		mix cement	mouse hole
				4.8		mix cement	Rat hole
7:00							

FINAL DISP. PRESS: ____ PSI BUMP PLUG TO ____ PSI BLEEDBACK ____ BBLS. THANK YOU

MILLER PRINTERS, INC. - Great Bend, KS

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513

Kansas
Corporation Commission

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

August 04, 2016

Rodney Reynolds
BEREXCO LLC
2020 N. BRAMBLEWOOD
WICHITA, KS 67206-1094

Re: ACO-1
API 15-023-21449-00-00
DONNA 1-29
SW/4 Sec.29-05S-37W
Cheyenne County, Kansas

Dear Rodney Reynolds:

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

The above referenced well was spudded on 3/17/2016 and the ACO-1 was received on August 04, 2016 (not within the 120 days timely requirement).

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

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

Sincerely,

Production Department