



KANSAS CORPORATION COMMISSION 1100060
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

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

API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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



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

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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

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

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Charles 1-31
Doc ID	1100060

Tops

Name	Top	Datum
Heebner	4022	-1556
Lansing	4054	-1588
(Base) KS City	4492	-2026
Marmaton	4507	-2041
Pawnee	4577	-2111
Ft. Scott	4598	-2132
Cherokee	4719	-2253
Mississippi	4774	-2308
RTD	4826	
LTD	4824	



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

Well Name: CHARLES #1
 Location: NW SE SE NW SECTION 31 23S 23W
 License Number: 34317, API# 15-083-21853
 Spud Date: 10/13/2010
 Surface Coordinates: 2260' FROM SOUTH LINE OF SECTION
 2090' FROM EAST LINE OF SECTION
 Bottom Hole Coordinates: 2260' FROM SOUTH LINE OF SECTION
 2090' FROM EAST LINE OF SECTION
 Ground Elevation (ft): 2453' K.B. Elevation (ft): 2466'
 Logged Interval (ft): 3900' To: 4826 Total Depth (ft): 4826
 Formation: MISSISSIPPI
 Type of Drilling Fluid: CHEMICAL, ANDY'S MUD

Region: HODGEMAN CO. KS.
 Drilling Completed: 10/23/2012

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: BEXEXCO
 Address: 2020 NORTH BRAMBLEWOOD
 WICHITA, KANSAS 67206

GEOLOGIST

Name: DAVID GOULD (LOGGER)
 Company: DMT COMPANY
 Address: 532 SUNRISE
 PRATT, KANSAS 67124

Well Name & No.: Charles #1-31 Company: Berexco Test No.: 1

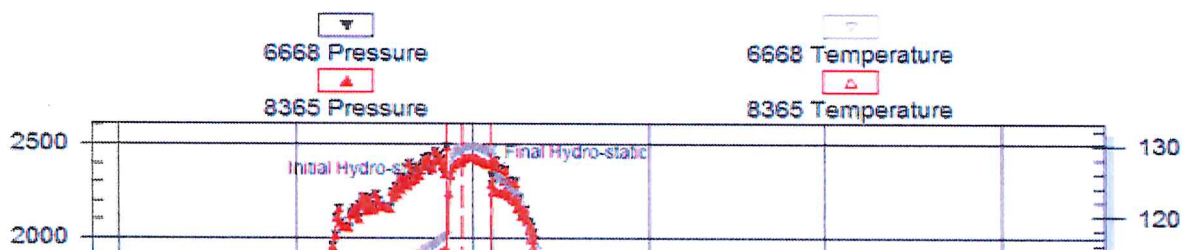
Interval Tested: 4719-4729 Zone Tested: Cherokee Times: 15-30-Pulled Test

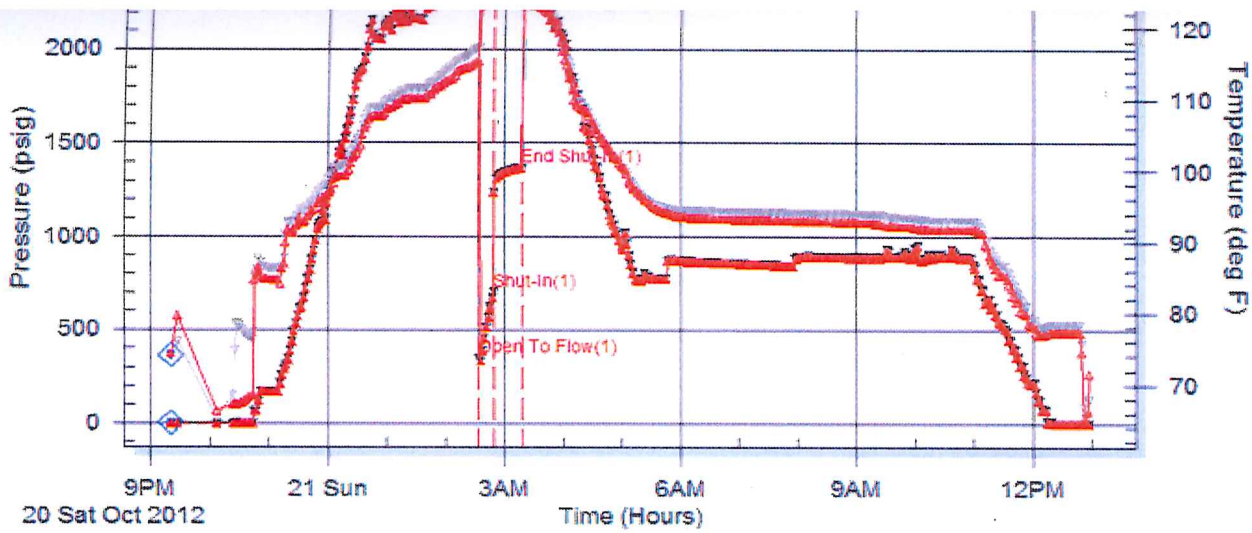
Blow Description: IFP: Built to BOB in 10 Sec. ISI: Built to BOB in 26 Min. FFP: N/A FSI: N/A

Rec: 93 Feet of GO 85% Oil, 15% Gas, 1922 Feet of "REV", 124 Feet of GOCM, 8% Gas, 32% Oil, 60% Mud
 540 Feet of GIP, Rec. Total: 2139', BHT: Not Reported, Gravity: 35.4

Initial Hydrostatic: 2489 First Initial Flow: 352 First Final Flow: 708 Initial Shut-In: 1371

Second Initial Flow: N/A Second Final Flow: N/A Final Shut-In: N/A Final Hydrostatic: 2338





Gauge 6668: Displaying every 8 points.

Comments

DRILLING CONTRACTOR:
BEREDCO RIG #2

TESTING:
TRILOBITE TESTING

LOGS:
LOG TECH, DUAL INDUCTION, COMPENSATED NEUTRON DENSITY AND MICRO

SURVEY'S:
315' MISS RUN?
1354' 1 DEGREE
2386' 3/4 DEGREE
3568' 3/4 DEGREE
4729' 3/4 DEGREE ?
4826' 1 1/4 DEGREE


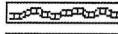
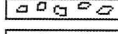
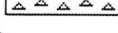
BIT RECORD:
#1 12 1/4" RR 0' TO 315'
#2 7 7/8" F271Y PX8798 315' TO

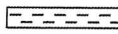

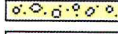

DAILY STATUS: (7:00 AM)
10/11/2012, MOVE RIG IN
10/12/2012, DRILL & SET SURFACE, WOC
10/13/2012, 814' DRILLING AHEAD
10/14/2012, 2013' DRILLING AHEAD
10/15/2012, 2770' DRILLING AHEAD
10/16/2012, 3340' DRILLING AHEAD
10/17/2012, 3820' DRILLING AHEAD
10/18/2012, 4180', WORK ON PUMP, DRILLING AHEAD
10/19/2012, 4485', DRILLING AHEAD
10/20/2012, 4705' DRILL AHEAD TO 4729', DST #1
10/21/2012, 4729, DST #1
10/22/2012, 4826' LOGGING
10/23/2012, Run 5 1/2" CASING, TOTAL CASING RAN 4824.83'

ROCK TYPES

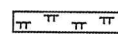

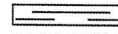
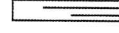
 Anhy	 Clyst	 Gyp	 Mrlst	 Shgy
 Bent	 Coal	 Lagn	 Salt	 Sltst

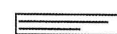

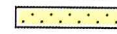
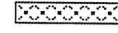
ROCK TYPES

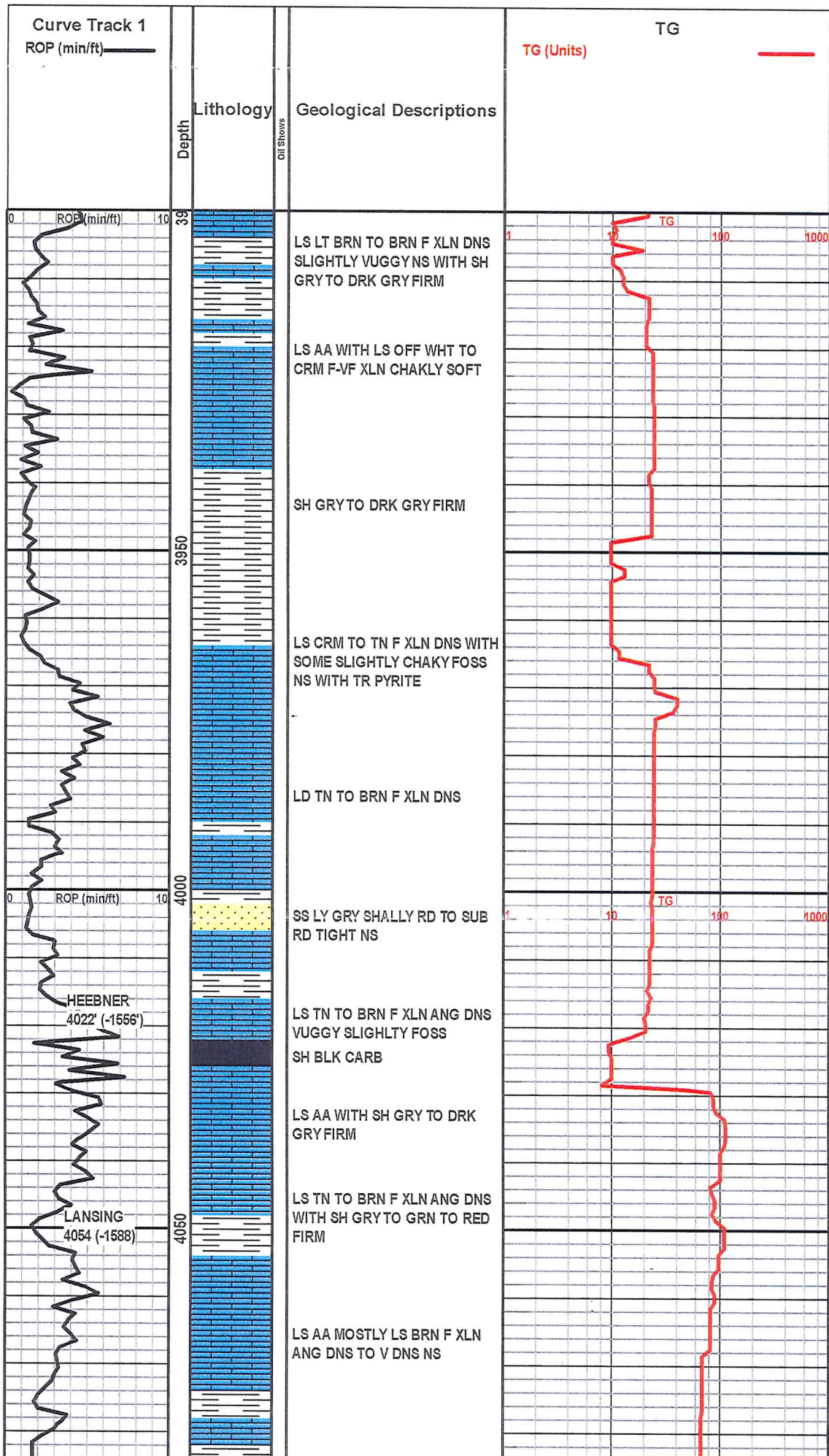
-  Anhy
-  Bent
-  Brec
-  Cht

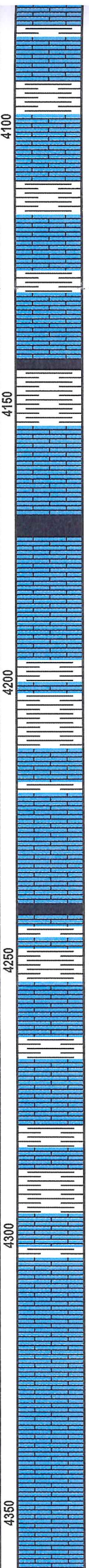
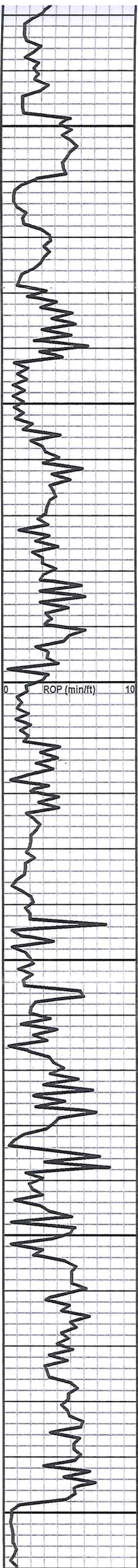
-  Clyst
-  Coal
-  Congl
-  Dol

-  Gyp
-  Igne
-  Lmst
-  Meta

-  Mrlst
-  Salt
-  Shale
-  Shcol

-  Shgy
-  Sltst
-  Ss
-  Till





LS CRM TO TN F XLN ANG DNS
WITH LS WHT TO OFF WHT
F-VF XLN CHAKY NS WITH SH
GRYFIRM

LS AA WITH INTERBEDED
PYRITE WITH SH DRK BRN ANG
SOFT

LS CRM TO TN TO LT GRY F
XLN DNS SOME SLIGHTLY
CHAKY NS WITH SH GRY FIRM

SH BLK CARB

LS AA WITH CHERT WHT ANG V
DNS WITH SH GRN ANG FIRM

LS & CHERT AA WITH SH DRK
GRY TO BLK SOME CARB

LS DRK GRY VUGGY F XLN DNS
WITH INTERBEDED PYRITE

LS CRM TO LT TN F XLN
SLIGHTLY VUGGY DNS WITH
SOME CHAKLY WITH SH DRK
GRY TO BLK

LS AA WITH CHERT WHT TO LT
GRY ANG SHARP V DNS

SH BLK CARB

SH GRY TO DRK GRY FIRM

LS AA WITH LS BRN ANG TO
SUB ANG FAC DNS NS
SLIGHTLY CHERTY

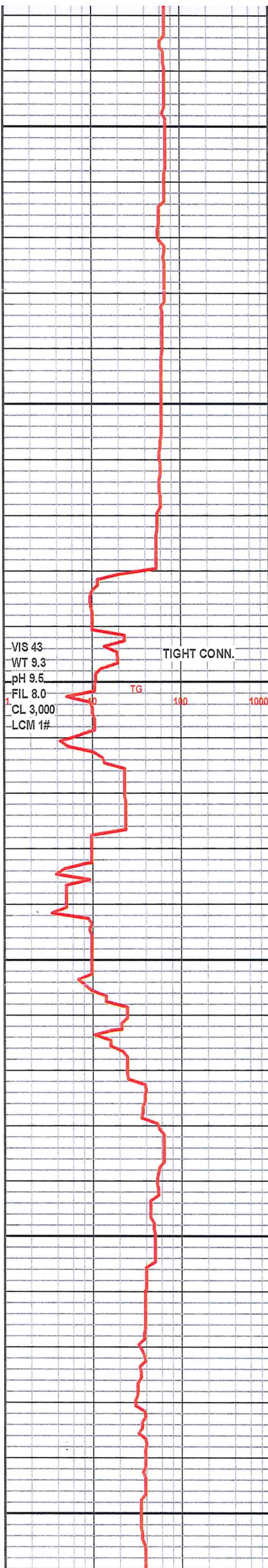
LS GRY FOSS F XLN DNS NS
WITH SH GRY TO BLK
SLIGHTLY SILTY

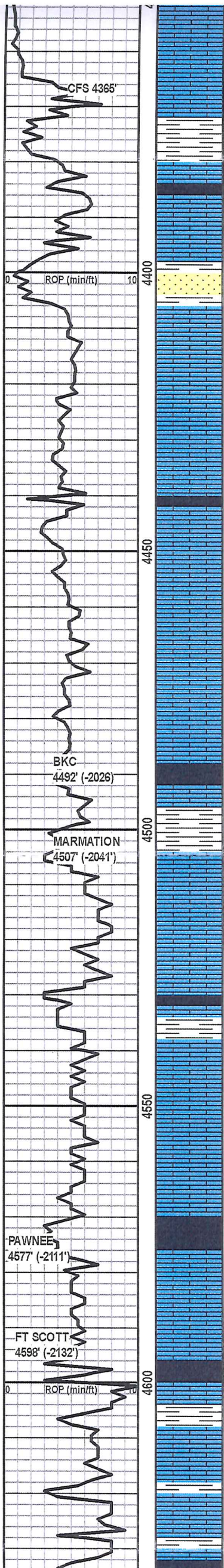
LS CRM TO LT TN F XLN ANG
DNS SLIGHTLY VUGGY P POR
NS

LS AA WITH SOME BEING
CHAKY SOFT WITH SH LT GRY
TO BLK TO GRN FIRM TO SOFT
WIT TR CHERT

LS BRN V VUGGY FOSS F-M
XLN ANG DNS WITH SH DRK
GRY TO DRK GRN FIRM

LS LT TN ANG F-G OOLIC POR
F XLN SLIGHTLY DNS NS N
FLOR N ODOR





LS LT TN ANG F-G OOLIC POR
F XLN SLIGHTLY DNS NS N
FLOR N ODOR

LS TN TO BRN TO LY GRY F
XLN ANG DNS WITH
INTERBEDDED PYRITE

SH BLK CARB

LS AA WITH SH GRY TO GRN
TO BLK SOME CARB WITH SS
LT GRY SUB RD F-VF GR
SHALLY NS

LS CRM TO LT TN F XLN DNS
WITH SOME SLIGHTLY CHAKY

LS CRM TO TN ANG F XLN DNS
WITH TR PYRITE

SH BLK CARB

NO SAMPLE

LS TN ANG F XLN DNS
SLIGHTLY FOSS NS WITH SH
DRK GRY TO BLK

LS BRN TO DRN BRN F-M XLN
DNS SLIGHTLY FOSS NS WITH
SH GRY TO BLK SOME CARB
FIRM

LS CRM TO TN F XLN SLIGHTLY
CHAKY NS

SH BLK CARB

LS AA WITH SH LT GRY TO LT
GRN SOME SOFT

LS AA SOME BEING CHAKY
WITHLS DRK BRN F XLN DNS

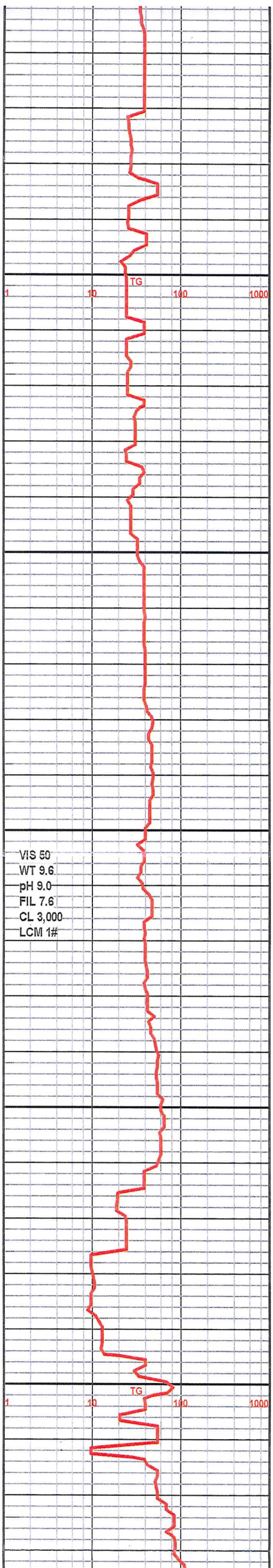
SH BLK CARB

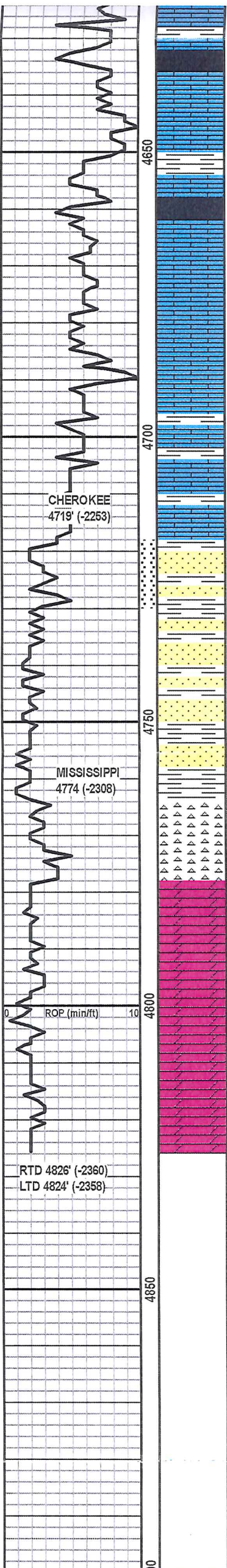
LS CRM TO TN SUB ANG F XLN
DNS WITH INTERBEDD DRK
GRY SH

LS TN F XLN ANG VUGGY DNS
WITH LS DRK BRN TO GRY F-M
XLN DNS WITH SH BLK CARB

LS AA WITHLS CRM TO OFF
WHT F XLN CHAKY LT TO DRK
GRY FIRM
LS DRK BRN ANG F XLN DNS
NS SOME SLIGHTLY VUGGY

LS TN TO CRM ANG F XLN DNS
SOME SLIGHTLY CHAKY WITH SH
DRK GRY FIRM





SOME SLIGHTLY CHAKY WITH SH DRK GRY FIRM

SH BLK CARB

LS BRN TO DRK BRN ANG F-M XLN V DNS NS

SH BLK CARB

LS AA WITH SOME SLIGHTLY VUGGY NS WITH LS LT TN TO CRM F XLN ANG SOME CHAKY

LS BRN TO TN ANG P POR F XLN DNS WITH INTERBEDDED PYRITE

LS AA WITH INTERBEDDED PYRITE

LS TN TO BRN F XLN DNS WITH TR PYRITE WITH SH GRY TO LT GRN FIRM TO SOFT

SS CLEAR RD TO SUB RD M-F GR NO CLUSTERS JUST LOOSE GR IN TRAY G ODOR N FLOR N CUT

SS CLEAR TO LT TN TR INTERBEDDED PYRITE RD TO SUB RD M-G GR G STAIN DEAD OIL FREE OIL G FLOR G CUT G ODOR

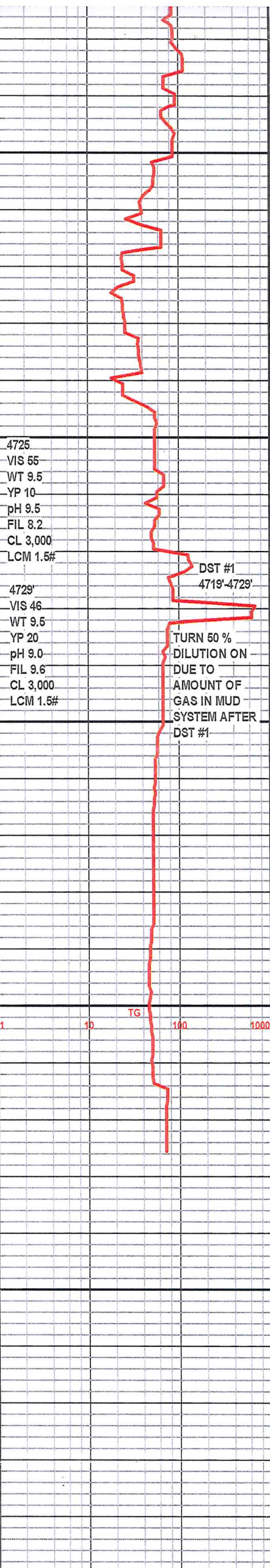
SH GRY TO GRN WITH SH GRN SANDY SUB ANG M-C GR NS WITH SOME INTERBEDDED PYRITE

CHERT WHT TO OFF WHT SHARP P POR F STAIN P FLOR N CUT DNS WITH CHERT WEATHERED WHT F-P POR NS

DOL TN ANG F-M XLN G POR G STAIN SHOW OF DEAD OIL FREE OIL G ODOR G FLOR G MILKY CUT DOL LIMEY ANG F-M XLN DNS NS

DOL CHERTY TN TO OFF WHT F PIN POR ANG F STAIN F FLOR G CUT F ODOR

DOL CHERTY TN F-M XLN ANG DNS NS





CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

TICKET NUMBER 37235
LOCATION Oakley
FOREMAN Fuzz

WF
cc/Rehanna D

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
10-23-12	1707	Charles 1-31	31	23	23W	Blackman	
CUSTOMER Beretco LLC		J-A more 75- REG 1/2 C WAW IN		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS				463	COYD		
CITY		STATE		530	Tim W		
ZIP CODE				566	Jordan H		

JOB TYPE 2-stage HOLE SIZE 77/8 HOLE DEPTH 4826' CASING SIZE & WEIGHT 5 1/2 15.5
CASING DEPTH 4824' DRILL PIPE _____ TUBING _____ OTHER DUG @ 1609
SLURRY WEIGHT 12.5-13.8 SLURRY VOLL. .89-1.42 WATER gal/sk _____ CEMENT LEFT IN CASING 86.69
DISPLACEMENT 112.7 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on Beretco #2. Float equip Cent 10' out
*2,3,5,7,10,12,85 BASK-#2, 74,76,88 DUG #75. Circ 1/2 way in for 1/2 hr
Rig up and circ 1 hr. Pump 5 BBL water mix 200 SKS 60/40 89 seal
1/4" Col seal w/5" Kol seal Tail with 125 SKS OW w/5" Kol seal. Wash pump
and lines. Drop plug and displace 70 BBL water, 145 BBL mud. Lift
press 800* land plug @ 1400* Drop DU Bomb wait 10 min open
DU Tool @ 1000*. Pump 5 BBL water mix 20 SKS ML, 30 SKS RH mix 325
SKS 60/40 89 seal 1/4" Col seal down 5 1/2 csg. Wash pump lines. Drop plug displace 38 3/4
BBL water 600* Lift Press Close DU Tool @ 1500* Cement did circulate
Approx 10 BBL to bit

Thanks Fuzz crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3020 ⁰⁰	3020 ⁰⁰
5406	40	MILEAGE	5 ⁰⁰	200 ⁰⁰
5407A	30.6	Tow mileage Delivery	167	2044 ⁰⁰
1126	125 SKS	OWC	22 ⁵⁵	2818 ⁷⁵
1131	200 SKS	60/40 pos (Bottom)	15 ¹⁰	3020 ⁰⁰
1131	375 SKS	60/40 pos (Top)	15 ¹⁰	5662 ⁵⁰
1110A	1625 #	Kol seal	.56	910 ⁰⁰
1118B	3960 #	Bentonite	.25	990 ⁰⁰
1107	144 #	Flo-seal	2 ⁸²	406 ⁰⁸
4159	1	5 1/2- ATFU Float shoe	413 ⁰⁰	413 ⁰⁰
4283	1	5 1/2- DU Tool	3850 ⁰⁰	3850 ⁰⁰
4136	8	5 1/2- Turbolizers (W)	72 ⁰⁰	576 ⁰⁰
4104	4	5 1/2- Baskets (W)	276 ⁰⁰	1104 ⁰⁰
4309	1	5 1/2- Limit clamp (W)	41 ⁰⁰	41 ⁰⁰
4454	1	5 1/2- Latchdown Assy	303 ⁰⁰	303 ⁰⁰
		Subtotal		25358 ³³
		less 100%		2535 ⁸³
		Subtotal		22822 ⁵⁰
		SALES TAX		1347.34
		ESTIMATED TOTAL		24169 ⁸⁴

Completed

Ravin 3737

AUTHORIZATION Mach TITLE For

DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

727001



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC

31-23s-23w

2020 Bramblewood
Wichita KS 67206

Charles #1

Job Ticket: 51076

DST#: 1

ATTN: David Gould

Test Start: 2012.10.20 @ 21:20:00

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:33:45

Time Test Ended: 12:57:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Wilbur Steinbeck

Unit No: 65

Interval: 4719.00 ft (KB) To 4729.00 ft (KB) (TVD)

Reference Elevations: 2466.00 ft (KB)

Total Depth: 4729.00 ft (KB) (TVD)

2453.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6668 Inside

Press @ Run Depth: 707.56 psig @ 4720.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.20

End Date:

2012.10.21

Last Calib.: 2012.10.21

Start Time: 21:20:15

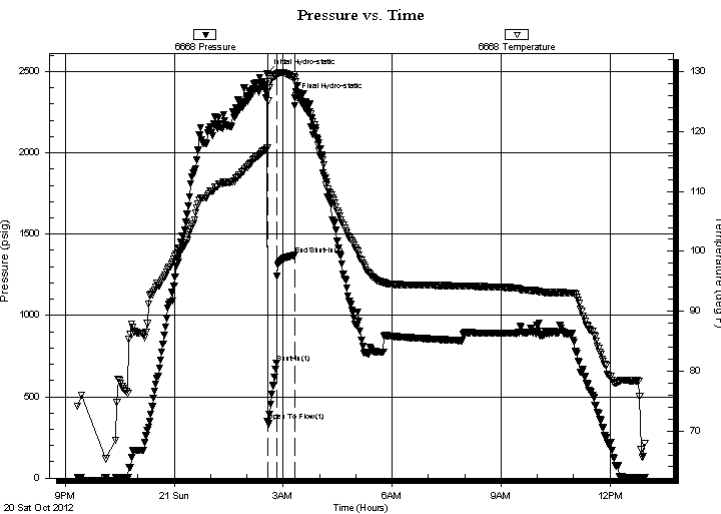
End Time:

12:57:30

Time On Btm: 2012.10.21 @ 02:33:15

Time Off Btm: 2012.10.21 @ 03:19:45

TEST COMMENT: 15 IF; Built to BOB in 10 sec
30 IS; Built to BOB in 26 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2489.01	117.21	Initial Hydro-static
1	351.64	117.31	Open To Flow (1)
16	707.56	129.34	Shut-In(1)
46	1370.58	128.96	End Shut-In(1)
47	2337.53	128.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	GOCM 8%G 32%O 60%M	1.74
1922.00	Reversed GO 12.5%G 87.%%O	26.96
93.00	GO 15%G 85%O	1.30
0.00	540' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

31-23s-23w

2020 Bramblewood
Wichita KS 67206

Charles #1

Job Ticket: 51076

DST#: 1

ATTN: David Gould

Test Start: 2012.10.20 @ 21:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.17 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 bbbl
124.00	GOCM 8%G 32%O 60%M	1.739
1922.00	Reversed GO 12.5%G 87.%%O	26.961
93.00	GO 15%G 85%O	1.305
0.00	540' GIP	0.000

Total Length: 2139.00 ft

Total Volume: 30.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6668

Inside

Berexco LLC

Charles #1

DST Test Number: 1

