CORRECTION #2

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1282183

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: Evan Mayhew
Phone: (316) 265-3311
CONTRACTOR: License # 34317
Name: BEREDCO LLC
Wellsite Geologist: Ed Greives
Purchaser: Central Crude Corporation

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 #:

05/06/2014	05/17/2014	06/10/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-055-22300-00-00
Spot Description:
NW SE SW SE Sec. 18 Twp. 26 S. R. 33 ☐ East ☑ West
335 Feet from ☐ North / ☑ South Line of Section
1655 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: Finney
Lease Name: Faye Well #: 2-18
Field Name: WILDCAT
Producing Formation: Morrow
Elevation: Ground: 2922 Kelly Bushing: 2934
Total Vertical Depth: 5220 Plug Back Total Depth: 5164
Amount of Surface Pipe Set and Cemented at: 1750 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 3164 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: 8600 ppm Fluid volume: 1200 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: 08/14/2014
☑ **Confidential Release Date:** 08/13/2016
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 02/01/2016

CORRECTION #2
Page Two

[redacted]

1282183

Operator Name: BEREXCO LLC Lease Name: Faye Well #: 2-18

Sec. 18 Twp. 26 S. R. 33 ☐ East ☑ West County: Finney

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 Csg.	12.25	8.625	23	1750	65/35 POZ, Class A	775	6%gel,1/4#flakes,3%cc
Production Csg.	7.875	5.50	15.5	5214	65/35 POZ, ASC	350	6%gel,1/4#flakes,6#Gilsonite

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
Attached	Attached	Attached	Attached

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:
	2.875	SN @ 4948	no pkr	☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR.	Producing Method:
06/18/2014	☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	158	0	57		39

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)*	4980 - 5015

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Faye 2-18
Doc ID	1282183

All Electric Logs Run

Borehole Compensated Sonic Array Log
Array Compesated True Resistivity Log
Dual Spaced Neutron Spectral Density Log
Micro Log

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Faye 2-18
Doc ID	1282183

Tops

Name	Top	Datum
Heebner (base)	3925	-991
Toronto	3940	-1006
Lansing	3971	-1037
Marmaton	4550	-1616
Cherokee	4682	-1748
Morrow	4926	-1992
St. Genevieve	5120	-2186
St. Louis	5142	-2208
Chester	5060	-2126
RTD	5225	-2291
LTD	5220	-2286

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Faye 2-18
Doc ID	1282183

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
		CIBP set (csg. shoe leaking?)	5150
4	5090 - 5096 Chester	1000 gals 15% MCA	5090 - 5098
		2nd CIBP set over Chester	5075
4	4980 - 4990 Morrow	1500 gals 7.5% MCA, 75 ball sealers	4980 - 4990
2	5013 - 5015 Morrow	above acid to all Morrow perfs	5013 - 5015
		frac with 37,100 gals gelled wtr & 49,500 lbs 20/40 sand	4980 - 5015

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Faye 2-18
Doc ID	1282183

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 Csg.	12.25	8.625	23	1750	65/35 POZ, Class A	775	6%gel,1/4 #flakes,3 %cc
Production Csg.	7.875	5.50	15.5	5214	65/35 POZ, ASC	350	6%gel,1/4 #flakes,6# Gilsonite

Summary of Changes

Lease Name and Number: Faye 2-18

API/Permit #: 15-055-22300-00-00

Doc ID: 1282183

Correction Number: 2

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	01/14/2016	02/01/2016
Field Name	un-named wildcat	WILDCAT
Save Link	../../kcc/detail/operatorEditDetail.cfm?docID=1277377	../../kcc/detail/operatorEditDetail.cfm?docID=1282183

CORRECTION #1

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1277377

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

CONFIDENTIAL

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: Evan Mayhew
Phone: (316) 265-3311
CONTRACTOR: License # 34317
Name: BEREDCO LLC
Wellsite Geologist: Ed Greives
Purchaser: Central Crude Corporation

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 #:

05/06/2014	05/17/2014	06/10/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-055-22300-00-00
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NW SE SW SE Sec. 18 Twp. 26 S. R. 33 ☐ East ☑ West
335 Feet from ☐ North / ☑ South Line of Section
1655 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: Finney
Lease Name: Faye Well #: 2-18
Field Name: un-named wildcat
Producing Formation: Morrow
Elevation: Ground: 2922 Kelly Bushing: 2934
Total Vertical Depth: 5220 Plug Back Total Depth: 5164
Amount of Surface Pipe Set and Cemented at: 1750 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 3164 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: 8600 ppm Fluid volume: 1200 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: 08/14/2014
☐ **Confidential Release Date:**
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ I ☐ II ☐ III **Approved by:** NAOMI JAMES **Date:** 01/14/2016

Confidentiality Requested:
☑ Yes ☐ No

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1218578

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
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Address 2:
City: Wichita State: KS Zip: 67206 + 1094
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Phone: (316) 265-3311
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☑ 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:

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☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

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

05/06/2014	05/17/2014	06/10/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-055-22300-00-00
Spot Description:
NW SE SW SE Sec. 18 Twp. 26 S. R. 33 ☐ East ☑ West
335 Feet from ☐ North / ☑ South Line of Section
1655 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: Finney
Lease Name: Faye Well #: 2-18
Field Name: un-named wildcat
Producing Formation: Morrow
Elevation: Ground: 2922 Kelly Bushing: 2934
Total Vertical Depth: 5220 Plug Back Total Depth: 5164
Amount of Surface Pipe Set and Cemented at: 1750 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 3164 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: 8600 ppm Fluid volume: 1200 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: 08/14/2014
☐ **Confidential Release Date:**
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 08/14/2014

Operator Name: BEREXCO LLC Lease Name: Faye Well #: 2-18

Sec. 18 Twp. 26 S. R. 33 ☐ East ☑ West County: Finney

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 *(Attach Additional Sheets)*	☑ Yes	☐ No
Samples Sent to Geological Survey	☑ Yes	☐ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Geologist Report / Mud Logs	☐ 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 Csg.	12.25	8.625	23	1750	65/35 POZ, Class A	775	6%gel,1/4#flakes,3%cc
Production Csg.	7.875	5.50	15.5	5214	65/35 POZ, ASC	350	6%gel,1/4#flakes,6#Gilsonite

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	-			
	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☑ Yes ☐ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☑ No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/ Injection:	Producing Method:
06/18/2014	☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	158	0	57		39

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL: Top	Bottom
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	4980 - 5015	

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
Attached					Attached

TUBING RECORD:	Size:	Set At:	Packer At:
	2.875	SN @ 4948	no pkr

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Faye 2-18
Doc ID	1218578

All Electric Logs Run

Borehole Compensated Sonic Array Log
Array Compesated True Resistivity Log
Dual Spaced Neutron Spectral Density Log
Micro Log

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Faye 2-18
Doc ID	1218578

Tops

Name	Top	Datum
Heebner (base)	3925	-991
Toronto	3940	-1006
Lansing	3971	-1037
Marmaton	4550	-1616
Cherokee	4682	-1748
Morrow	4926	-1992
Chester	5120	-2166
St. Louis	5142	-2208
RTD	5225	
LTD	5220	

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Faye 2-18
Doc ID	1218578

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
		CIBP set (csg. shoe leaking?)	5150
4	5090 - 5096 Chester	1000 gals 15% MCA	5090 - 5098
		2nd CIBP set over Chester	5075
4	4980 - 4990 Morrow	1500 gals 7.5% MCA, 75 ball sealers	4980 - 4990
2	5013 - 5015 Morrow	above acid to all Morrow perfs	5013 - 5015
		frac with 37,100 gals gelled wtr & 49,500 lbs 20/40 sand	4980 - 5015

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Faye 2-18
Doc ID	1218578

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 Csg.	12.25	8.625	23	1750	65/35 POZ, Class A	775	6%gel,1/4 #flakes,3 %cc
Production Csg.	7.875	5.50	15.5	5214	65/35 POZ, ASC	350	6%gel,1/4 #flakes,6# Gilsonite

ALLIED OIL & GAS SERVICES, LLC 063406

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Oakley Ks

DATE 5/8/14	SEC. 18	TWP. 26	RANGE 33	CALLED OUT	ON LOCATION	JOB START 5:30pm	JOB FINISH 6:30pm
LEASE Faye	WELL # 2-18		LOCATION Garden City S to TV Rd 5 1/2 W			COUNTY Finney	STATE Ks
OLD OR NEW (Circle one)			N into				

CONTRACTOR Berexco 1 OWNER Same
TYPE OF JOB Production
HOLE SIZE 12 1/4 T.D. 1760
CASING SIZE 8 5/8 DEPTH 1750
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 42.15
CEMENT LEFT IN CSG. 42.15
PERFS.
DISPLACEMENT

EQUIPMENT

PUMP TRUCK # 423281 CEMENTER Alan Ryan
HELPER Kevin Ryan
BULK TRUCK # 566 DRIVER Brandon Wilkinson
BULK TRUCK # 891 DRIVER Greg (TWS)

REMARKS:

Run Csg Circulate Mix 625 ALW Type I Class A 3%cc 1/4 Flo
150 Com 3%cc, Displace Plug w/ 109 BBL
H_2O. Land Plug @ 1200 PSI. 1500 PSI
Float Did Not Hold
Cement Did Circulate

Thanks
Alan, Kevin, Brandon, Greg

CHARGE TO: Berexco
STREET
CITY STATE ZIP

CEMENT

AMOUNT ORDERED 625 65/35 6% gel 1/4 Flo 3% cc
150 Com 3% cc

		@		
COMMON	150	@	17.90	2685.00
POZMIX		@		
GEL		@		
CHLORIDE	27	@	64.00	1728.00
ALW Type I Class A CD		@	16.50	10312.50
		@		
Flo Seal	157	@	2.97	466.29
		@		
Material Total		@		15,191.79
(4,253.70 / 28%)		@		
		@		
HANDLING	880.47 CF	@	2.48	2183.57
MILEAGE 2.60 ton/mile	36.974		TON	4806.62
			TOTAL	

SERVICE

		@		
DEPTH OF JOB	1750'			
PUMP TRUCK CHARGE				2213.75
EXTRA FOOTAGE		@		
MILEAGE	50	@	7.70	385.00
MANIFOLD		@		
Hr - Additional in Excess of Set Hrs		@		~~440.00~~

(2,808.10 / 28%) TOTAL 10,028.94

PLUG & FLOAT EQUIPMENT

		@		
Guide Shoe			460.00	460.00
AFU Float Valve		@	447.00	447.00
Centralizers	3	@	50.00	150.00
Rubber Plug		@	131	131.00
		@		
		@		

(332.64 / 28%) TOTAL 1188.00

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.

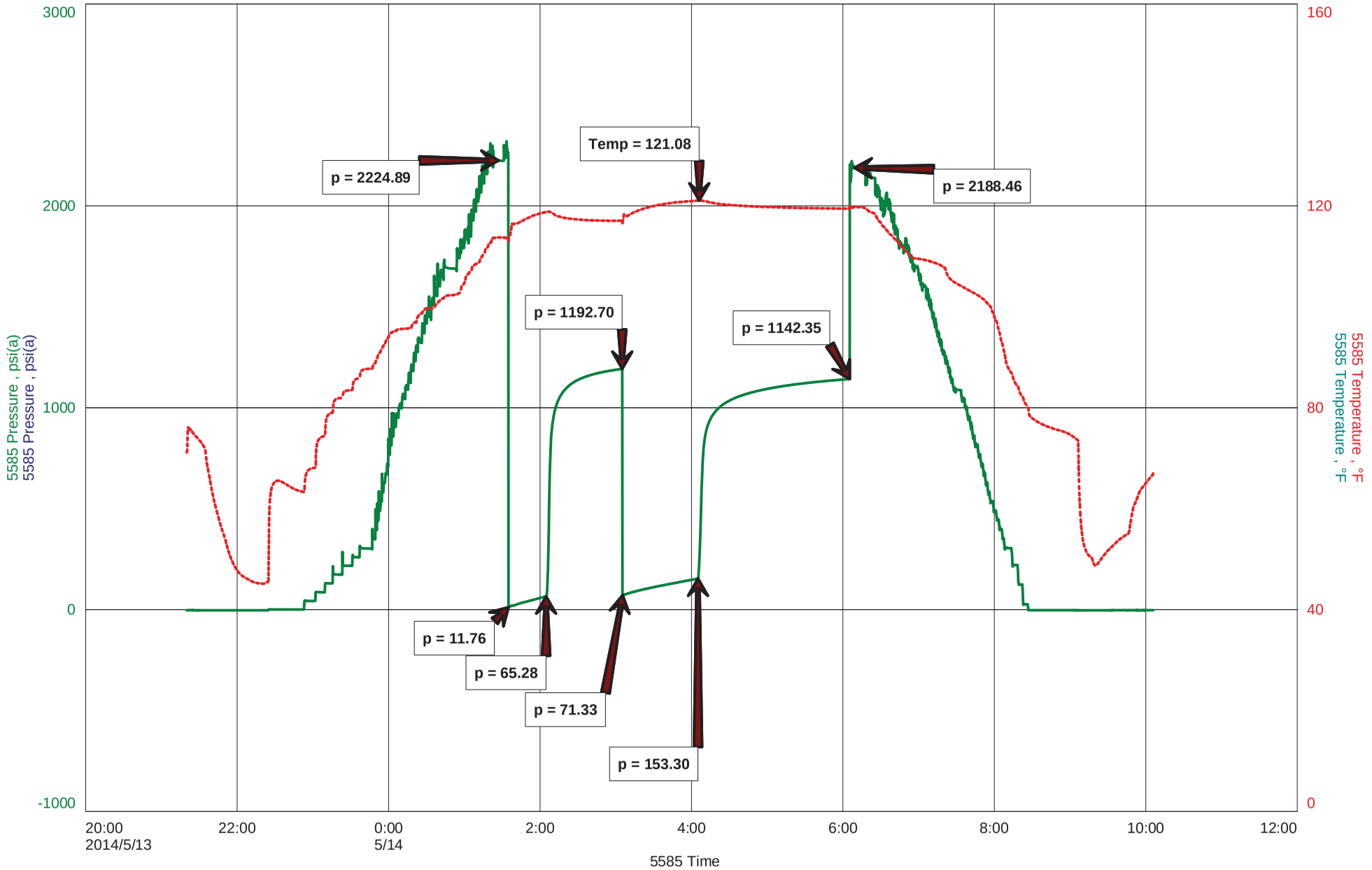
SALES TAX (If Any)
TOTAL CHARGES 26,408.73
DISCOUNT 7394.44 (28%) IF PAID IN 30 DAYS
~~19,014.28 Net~~
Bid 18574.29

PRINTED NAME Gilbert Davila
SIGNATURE Gilbert Davila

BEREXCO LLC
DST1"MARMATON"4581-4631
Start Test Date: 2014/05/13
Final Test Date: 2014/05/14

FAYE 2-18
Formation: DST1"MARMATON"4581-4631
Pool: WILDCAT
Job Number: A054

FAYE 2-18



DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	BEREXCO LLC		
Contact	EVAN MAYHEW	Job Number	A054
Well Name	FAYE 2-18	Representative	ANDY CARREIRA
Unique Well ID	DST1"MARMATON"4581-4631	Well Operator	BEREXCO LLC
Surface Location	SEC18-26S-33W FINNEY CNTY.KS	Report Date	2014/05/13
Well License Number		Prepared By	ANDY CARREIRA
Field	WILDCAT		
Well Type	Vertical		

Test Information

Test Type	CONVENTIONAL		
Formation	DST1"MARMATON"4581-4631		
Well Fluid Type	01 Oil		
Test Purpose	Initial Test		
Start Test Date	2014/05/13	Start Test Time	21:20:00
Final Test Date	2014/05/14	Final Test Time	10:06:00
Gauge Name	5585		

Test Results

RECOVERY: 280' MW w/ oil spks in tool

CHLORIDES: 68000
RW: .115 @ 70
Ph: 6.5

TOOL SAMPLE: TRACE OIL, WATER

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET

FILE: FAYE 2-18 DST1

TIME ON: 21:20
TIME OFF: 10:06

Company BEREXCO LLC — Lease & Well No. FAYE 2-18
Contractor BEREDCO — Charge to BEREXCO LLC
Elevation 2934 KB — Formation MARMATON — Effective Pay ____ Ft. — Ticket No. A054
Date 5-13-14 — Sec. 18 — Twp. 26 S — Range 33 W — County FINNEY — State KANSAS
Test Approved By ED GRIEVES — Diamond Representative ANDY CARREIRA

Formation Test No. 1 — Interval Tested from 4581 ft. to 4631 ft. — Total Depth 4631 ft.
Packer Depth 4576 ft. — Size 6 3/4 in. — Packer depth ____ ft. — Size 6 3/4 in.
Packer Depth 4581 ft. — Size 6 3/4 in. — Packer depth ____ ft. — Size 6 3/4 in.
Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 4562 ft. — Recorder Number 5585 — Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4583 ft. — Recorder Number 8471 — Cap. 10000 P.S.I.
Below Straddle Recorder Depth ____ ft. — Recorder Number ____ — Cap. ____ P.S.I.

Mud Type CHEMICAL — Viscosity 50 — Drill Collar Length 613.77 ft. — I.D. 2 1/4 in.
Weight 9.35 — Water Loss 8.0 cc. — Weight Pipe Length 0 ft. — I.D. 2 7/8 in
Chlorides 3800 P.P.M. — Drill Pipe Length 3934.23 ft. — I.D. 3 1/2 in
Jars: Make STERLING — Serial Number 09 — Test Tool Length 33 ft. — Tool Size 3 1/2-IF in
Did Well Flow? NO — Reversed Out NO — Anchor Length 50 ft. — Size 4 1/2-FH in
Main Hole Size 7 7/8 — Tool Joint Size 4 1/2 XH in. — Surface Choke Size 1 in. — Bottom Choke Size 5/8 in

Blow: 1st Open: SURFACE BLOW, BUILT TO 5" IN 30 MIN. (NOBb)
2nd Open: SURFACE BLOW, BUILT TO 4" IN 60 MIN. (NOBb)

Recovered 280 ft. of MW w/ oil spks in tool
Recovered ____ ft. of CHLORIDES: 68000
Recovered ____ ft. of RW: .115 @ 70 deg
Recovered ____ ft. of Ph: 6.5
Recovered ____ ft. of
Recovered ____ ft. of
Recovered ____ ft. of
Remarks:

TOOL SAMPLE: TRACE OIL, WATER

Price Job	
Other Charges	
Insurance	
Total	

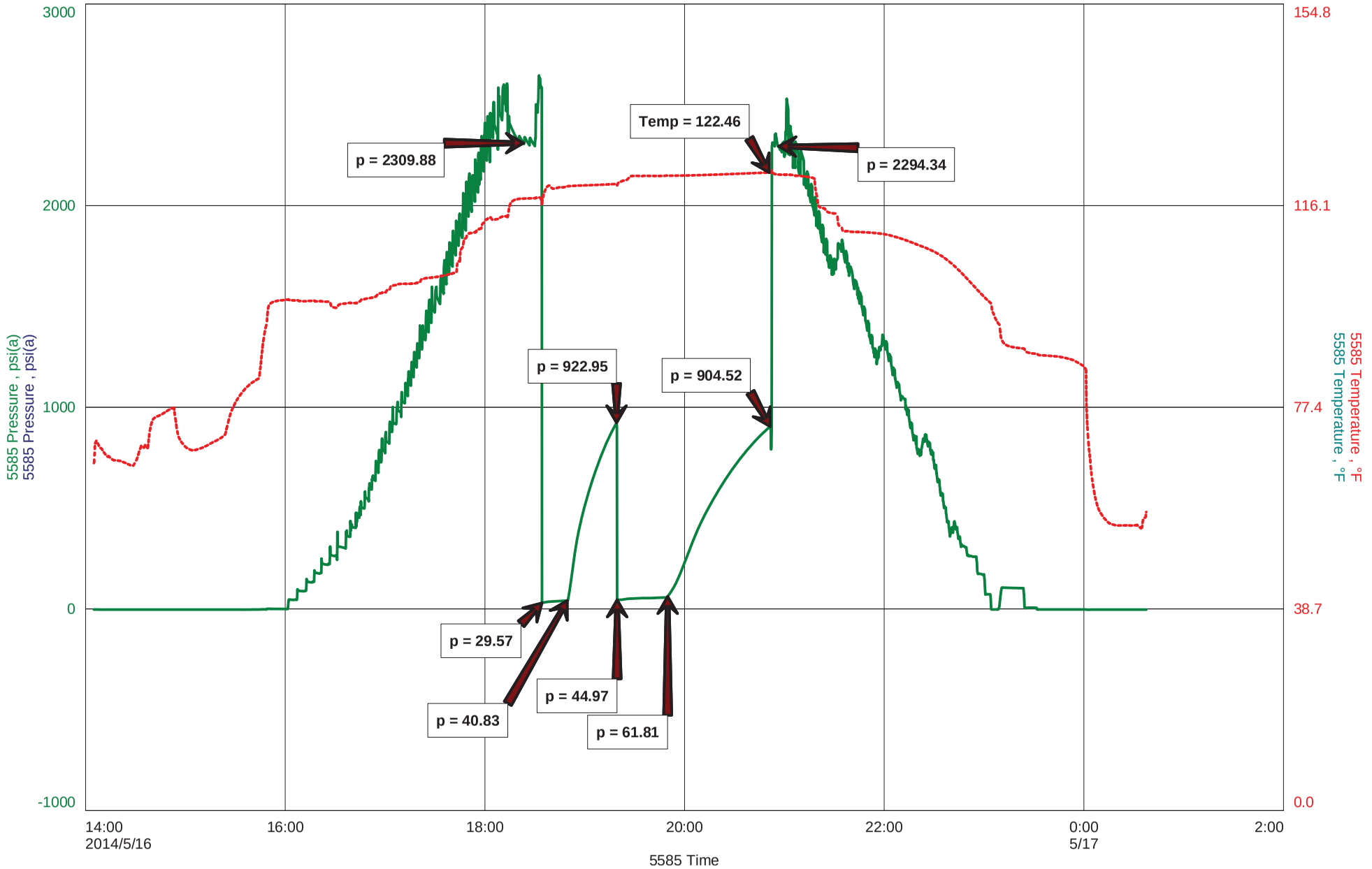
Time Set Packer(s) 1:35 AM A.M. P.M. — Time Started Off Bottom 6:05 AM A.M. P.M. — Maximum Temperature 121

Initial Hydrostatic Pressure ..... (A) 2225 P.S.I.
Initial Flow Period ..... Minutes 30 (B) 12 P.S.I. to (C) 65 P.S.I.
Initial Closed In Period ..... Minutes 60 (D) 1193 P.S.I.
Final Flow Period ..... Minutes 60 (E) 71 P.S.I. to (F) 153 P.S.I.
Final Closed In Period ..... Minutes 120 (G) 1142 P.S.I.
Final Hydrostatic Pressure ..... (H) 2188 P.S.I.

BEREXCO LLC
DST2"MORROW SD"4991-5045
Start Test Date: 2014/05/16
Final Test Date: 2014/05/17

FAYE 2-18
Formation: DST2"MORROW SD"4991-5045
Pool: WILDCAT
Job Number: AO55

FAYE 2-18



DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	BEREXCO LLC		
Contact	EVAN MAYHEW	Job Number	AO55
Well Name	FAYE 2-18	Representative	ANDY CARREIRA
Unique Well ID	DST2"MORROW SD"4991-5045	Well Operator	BEREXCO LLC
Surface Location	SEC 18-26S-33W FINNEY CNTY, KS	Report Date	2014/05/16
Well License Number		Prepared By	ANDY CARREIRA
Field	WILDCAT		
Well Type	Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST2"MORROW SD"4991-5045
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/05/16	Start Test Time	14:05:00
Final Test Date	2014/05/17	Final Test Time	00:38:00

Gauge Name	5585

Test Results

RECOVERY: 100' SOSM

TOOL SAMPLE: TRACE OIL, MUD

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET

FILE: FAYE 2-18 DST2

TIME ON: 14:05
TIME OFF: 00:38

Company BEREXCO LLC — Lease & Well No. FAYE 2-18
Contractor BEREDCO — Charge to BEREXCO LLC
Elevation 2934 KB — Formation MORROW SD — Effective Pay ____ Ft. — Ticket No. A055
Date 5-16-14 — Sec. 18 — Twp. 26 S — Range 33 W — County FINNEY — State KANSAS
Test Approved By ED GRIEVES — Diamond Representative ANDY CARREIRA

Formation Test No. 2 — Interval Tested from 4991 ft. to 5045 ft. — Total Depth 5045 ft.
Packer Depth 4986 ft. — Size 6 3/4 in. — Packer depth ____ ft. — Size 6 3/4 in.
Packer Depth 4991 ft. — Size 6 3/4 in. — Packer depth ____ ft. — Size 6 3/4 in.
Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 4972 ft. — Recorder Number 5585 — Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4993 ft. — Recorder Number 8471 — Cap. 10000 P.S.I.
Below Straddle Recorder Depth ____ ft. — Recorder Number ____ — Cap. ____ P.S.I.

Mud Type CHEMICAL — Viscosity 67 — Drill Collar Length 613.77 ft. — I.D. 2 1/4 in.
Weight 9.35 — Water Loss 9.2 cc. — Weight Pipe Length 0 ft. — I.D. 2 7/8 in
Chlorides 3800 P.P.M. — Drill Pipe Length 4344.23 ft. — I.D. 3 1/2 in
Jars: Make STERLING — Serial Number 09 — Test Tool Length 33 ft. — Tool Size 3 1/2-IF in
Did Well Flow? NO — Reversed Out NO — Anchor Length 54 ft. — Size 4 1/2-FH in
Main Hole Size 7 7/8 — Tool Joint Size 4 1/2 XH in. — Surface Choke Size 1 in. — Bottom Choke Size 5/8 in

Blow: 1st Open: BLOW DIED IN 8 MIN. (NOBb)
2nd Open: NO BLOW (NOBb)

Recovered 100 ft. of SOSM
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Remarks: ____

TOOL SAMPLE: TRACE OIL, MUD

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 6:35 PM A.M. P.M. — Time Started Off Bottom 8:50 PM A.M. P.M. — Maximum Temperature 122

Initial Hydrostatic Pressure ..... (A) 2310 P.S.I.
Initial Flow Period ..... Minutes 15 (B) 30 P.S.I. to (C) 41 P.S.I.
Initial Closed In Period ..... Minutes 30 (D) 923 P.S.I.
Final Flow Period ..... Minutes 30 (E) 45 P.S.I. to (F) 62 P.S.I.
Final Closed In Period ..... Minutes 60 (G) 905 P.S.I.
Final Hydrostatic Pressure ..... (H) 2294 P.S.I.

GEOLOGIST'S REPORT

DRILLING TIME & SAMPLE LOG

WELL FILE

COMPANY Berexco LLC

LEASE Faye NO. 2-18

LOCATION 335' FSL & 1655' FEL

SEC. 18 TWP. 26S RNG. 33W

COUNTY Finney, STATE Kansas

FIELD Wildcat

ELEVATIONS
KB 2934
DF 2932
GL 2922

MEASUREMENTS ARE ALL FROM KB

CASING RECORD
8 5/8" at 1750 w/ ___ sx.
___ at ___ w/ ___ sx.
___ at ___ w/ ___ sx.
___ at ___ w/ ___ sx.

CONTRACTOR Beredco Drlg. Rig #1

COMM. 5-6-2014 COMP. 5-18-2014

RTD 5225 LTD 5220

No. of DST'S Two No. of CORES None

EL. LOG A.C. Res. SP. GR Den: Neut. GR. Caliper ML - XRMI - Sonic

SAMPLES SAVED FROM 3800 TO TD

DRILLING TIME KEPT FROM 3800 TO TD

SAMPLES EXAMINED FROM 3800 TO TD

GEOLOGICAL SUPERVISION FROM 3800 TO TD

GEOLOGIST ON WELL Edwin H. Grieves

FORMATION TOPS

	SAMPLE	LOG	SUBSEA
Base Heebner	3928	3925	-991
Toronto	3944	3940	-1006
Lansing Fm	3970	3971	-1037
Marmaton	4540	4550	-1616
Cherokee	4691	4682	-1748
Morrow Fm	4940	4926	-1992
Chester Fm	5121	5120	-2166
St Louis	5145	5142	-2208
TD	5225	5220	

18

API# 15-055-22300

REMARKS Earth-Tech had an unmanned gas detection trailer on this well from 3800 feet to total depth.

The 2nd Hit for Berexco

Edwin's 1st Geolog

C1 = METHANE
C2 = ETHANE
C3 = PROPANE
iC4 = ISOBUTANE
nC4 = BUTANE
iC5 = ISOPENTANE
nC5 = PENTANE

CHROMATOGRAPH

HOT WIRE BY TOTAL GAS VOLUME

GAS SCALE 10 100 1000

3800

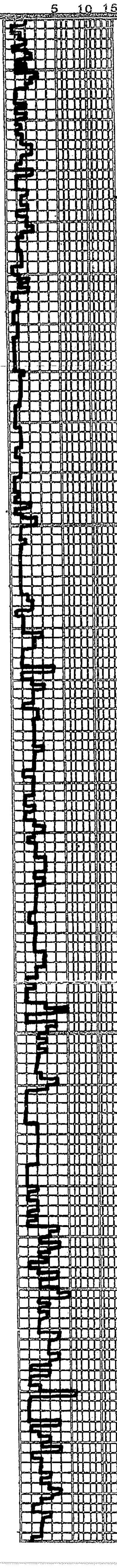
LITHOLOGY
SANDSTONE
LIMESTONE
SHALE
CHERT
SILTSTONE
DOLOMITE
GRANITE WASH
ANHY & GYP

SAMPLE DESCRIPTION

DRILL TIME SCALE 5 10 15

SCALE 5 10 15

SAMPLE DESCRIPTION



Lms. trs. to abn. wht. to crm. chlk. and tan, greyish. IP's, crypto. to v.v.fn. xln.; hvy. trs. sub-chlk. Sub-sucro to sucro & trs packstn.; dul. lt. to lt. yel. and dul yel. to yel. fluor; No cut; abn pr to fair & hvy. trs. gd to excel p.p., micro-pp. & interxln por.

Sh v. drk. grey. to black-carb.

Sh lt. gry to lt. green

Lms. hvy. trs. to abn wht to crm-chlk and tan, greyish. IP's; crypto to v.v. fn. xln.; trs sub-chlk, sub sucro to sucro and packstn; phantom oolitic &/or phantom oolicastic IP's dul. lt. yel. to lt. yel. fluor.; No cut; abn. pr. to trs. fr to gd. micro-pp to interxln por. interbedded w/ Lms. lt. gry to tan; crypto to v.v. fn. xln; sub-chlk, sub-sucro & packstn; dul. lt. yel. fluor. IP's No cut; No vis por

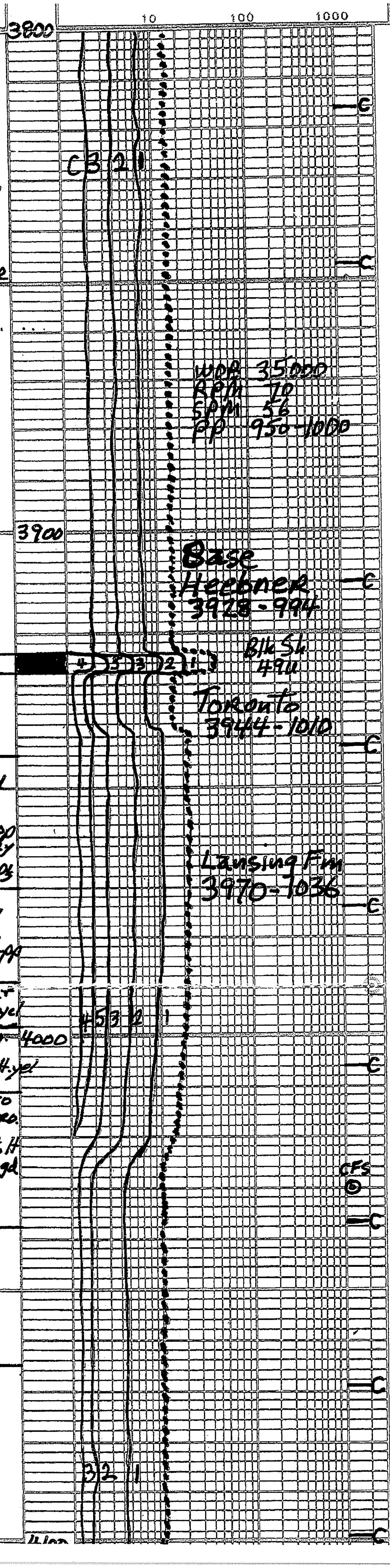
Lms. tan; crypto. to v.v. fn. xln.; trs. sub-chlk., sub-sucro. to sucro & packstn.; phantom oolites IP's; dul. lt. to lt. yel. fluor; No cut; hvy. trs. pr to fr. micro-pp to poss interxln. por

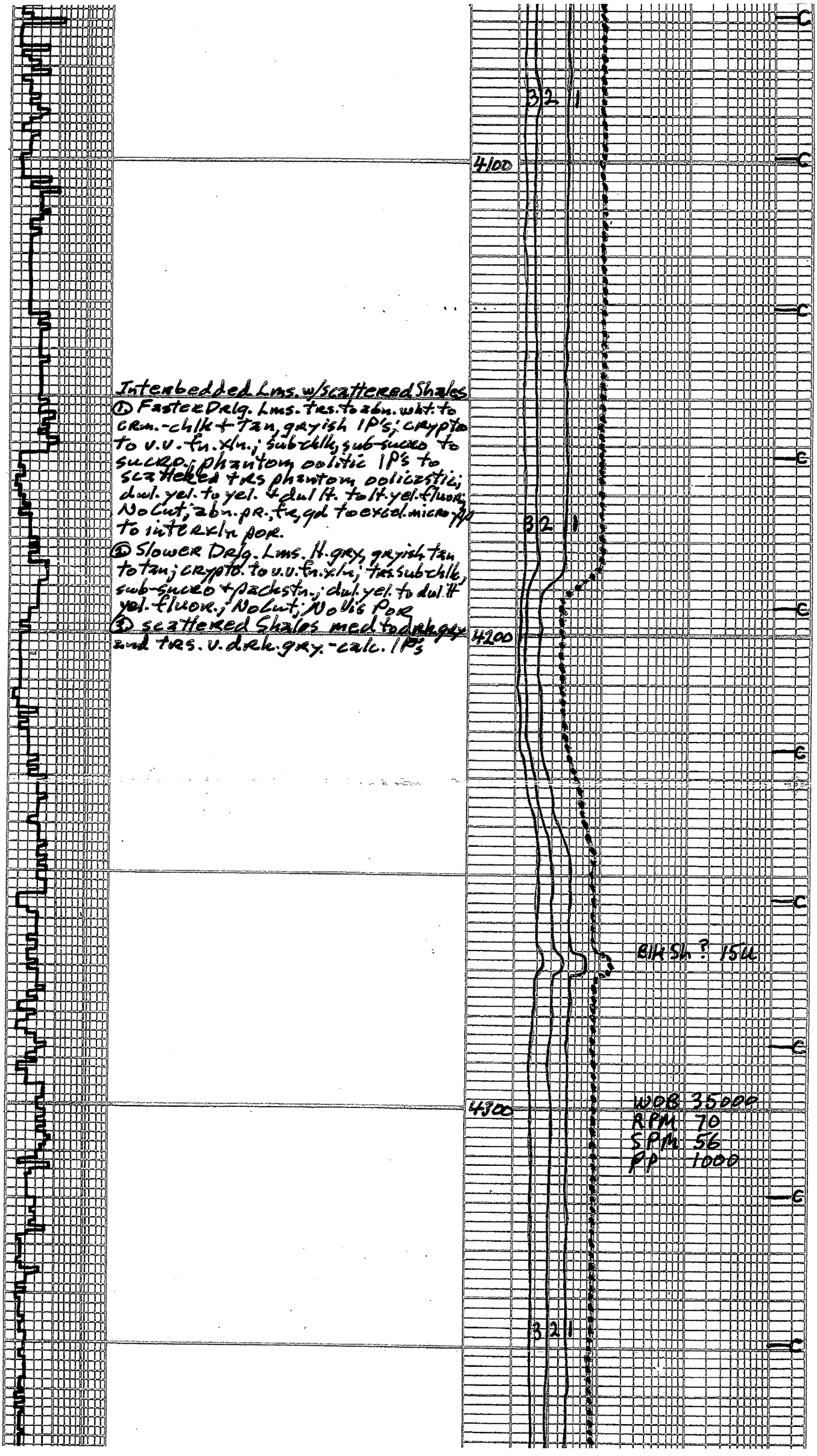
Lms. hvy. trs. wht to crm-chlk to tan; crypto to v.v. fn. xln; sub-chlk; sub-sucro to sucro & trs. packstn; trs. phantom oolitic; dul. lt. to lt. yel fluor.; No cut; trs pr to fr micro-pp por & poss interxln por; trs. chert [illegible]

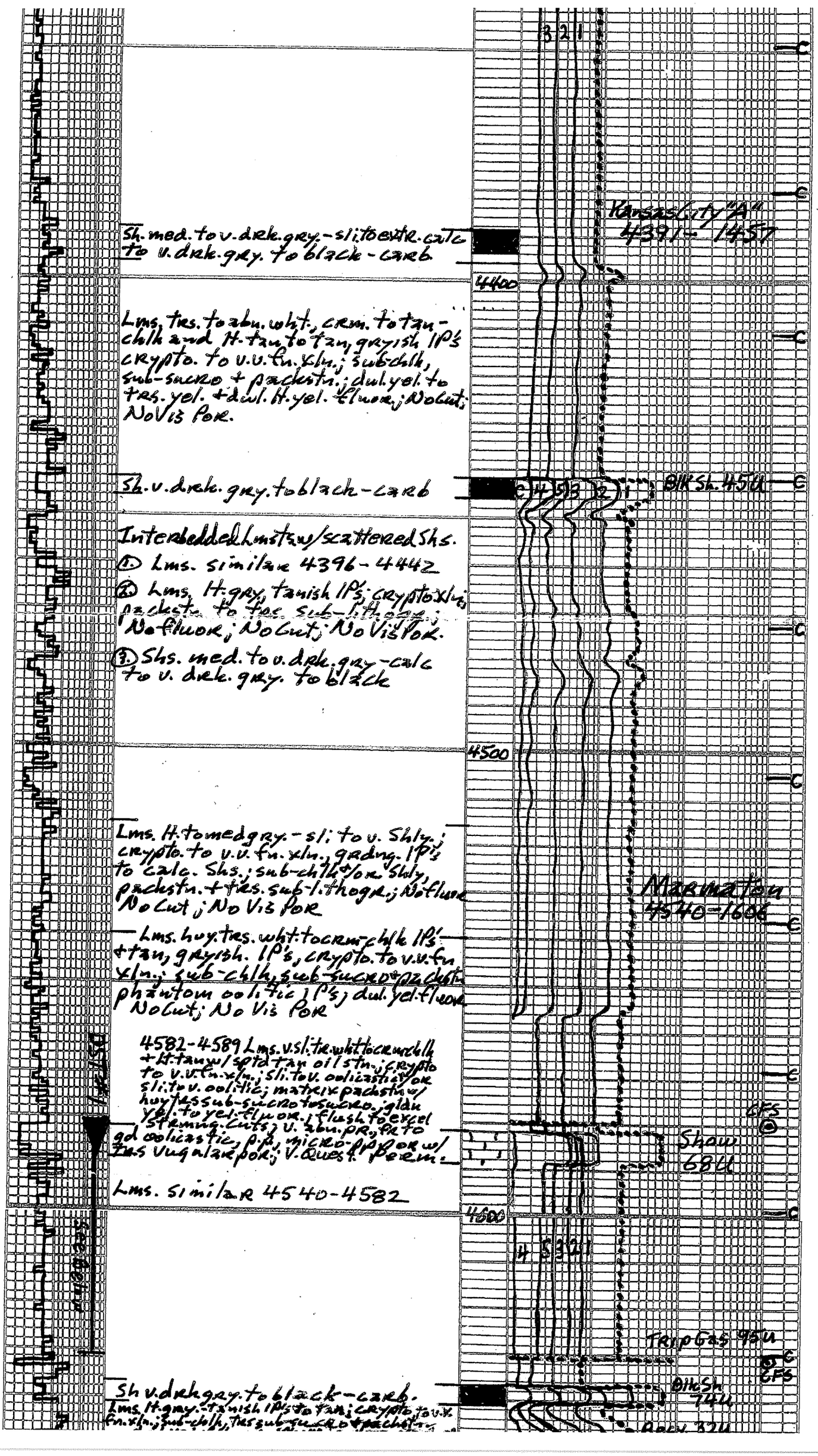
Lms. lt. grey to tan; crypto to v.v. fn. xln; trs sub-chlk, sub-sucro & packstn; dul. lt. yel to dul. yel. fluor; No cut; No vis por.

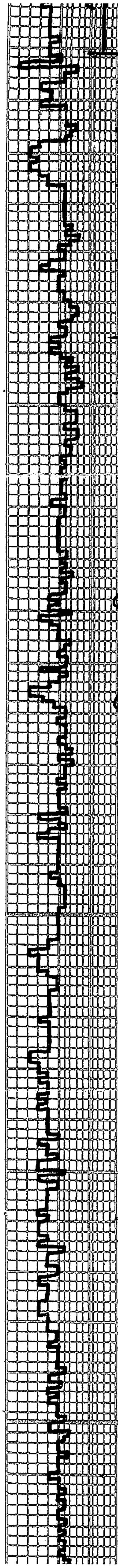
Lms. abn. wht. to crm-chlk & tan; crypto to v.v. fn. xln; sub-chlk, sub-sucro to sucro & trs. packstn; phantom oolitic IP's v. sl. trs. phantom oolicastic; dul. lt. to lt. yel. fluor.; No cut; hvy. trs. pr to fr & trs gd micro-pp & poss. interxln por.

Lms. similar 3998 - 4011




4100
4200
4300
Interbedded Lms. w/scattered Shales
① Faster Drlg. Lms. frs. to abn. wkst. to crm.-chlk + tan, grayish IP's; crypto to v.v. fn. xln.; subchlky, sub-sucro to sucro.; phantom oolitic IP's to scattered frs phantom oolicrystic; dul. yel. to yel. & dul lt. to lt. yel. fluor; No Cut; abn. pr., fr, gd to excel. micro ppty to interxln por.
② Slower Drlg. Lms. lt. gry, grayish tan to tan; crypto. to v.v. fn. xln; frs subchlky, sub-sucro & pachystn.; dul. yel. to dul lt yel. fluor.; No Cut; No Vis Por
③ scattered Shales med to dk. gry and frs. v. drk. gry. - calc. IP's
Blk Sh ? 15'
WOB 35000
RPM 70
SPM 56
PP 1000

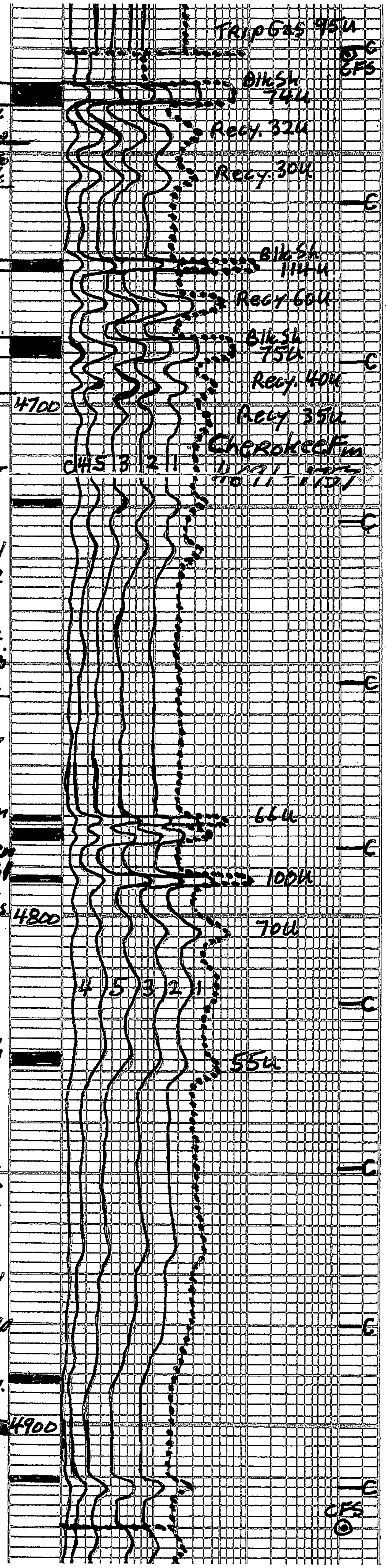

Sh. med. to v. drk. gry. - sli. to extr. calc to v. drk. gry. to black - carb.
Lms, tns. to abn. wht., crm. to tan - chlk and H. tan to tan, grayish IP's cryptc. to v.v. fn. xln.; sub-chlk, sub-sucro + packstn.; dul. yel. to tns. yel. + dul. H. yel. fluor.; No Cut; No Vis Por.
Sh. v. drk. gry. to black - carb
Interbedded Lmstn w/ scattered Shs.
1. Lms. similar 4396 - 4442
2. Lms, H. gry, tanish IP's; cryptoxln; packstn. to tns. sub-l. thogr.; No fluor; No Cut; No Vis Por.
3. Shs. med. to v. drk. gry - calc to v. drk. gry. to black
Lms. H. to med gry. - sl; to v. shly.; cryptc. to v.v. fn. xln., grdng. IP's to calc. Shs.; sub-chlk + or. shly, packstn. + tns. sub-l. thogr.; No fluor No Cut; No Vis POR
Lms. buy. tns. wht. to crm - chlk IP's + tan, grayish. IP's, cryptc. to v.v. fn xln.; sub-chlk, sub-sucro + packstn phantom oolitic IP's; dul. yel. fluor No Cut; No Vis POR
4582-4589 Lms. v. sl. tr. wht to crm chlk + H. tan w/ sptd tar oil stn.; cryptc to v.v. fn. xln.; sli. to v. oolicastic + or sli. to v. oolitic; matrix packstn w/ buy. tns sub-sucro to sucro.; gldn yel. to yel. fluor.; flash to exyel stming. Cuts; v. abn. por, por to gd oolicastic, p.p.; micro-pp por w/ tns vug a/r por.; v. ques. perm.
Lms. similar 4540-4582
Sh v. drk gray. to black - carb.
Lms. lt. gray. - tanish IP's to tan; cryptc to v.v. fn. xln.; sub-chlk, tns sub-sucro + packstn
Kansas City "A" 4391 - 1457
4400
4500
4600
Blk Sh. 4514
Marmaton 4540 - 1606
Show 6811
Trip Gas 9511
Blk Sh 7411
Appx 8211
C
GFS

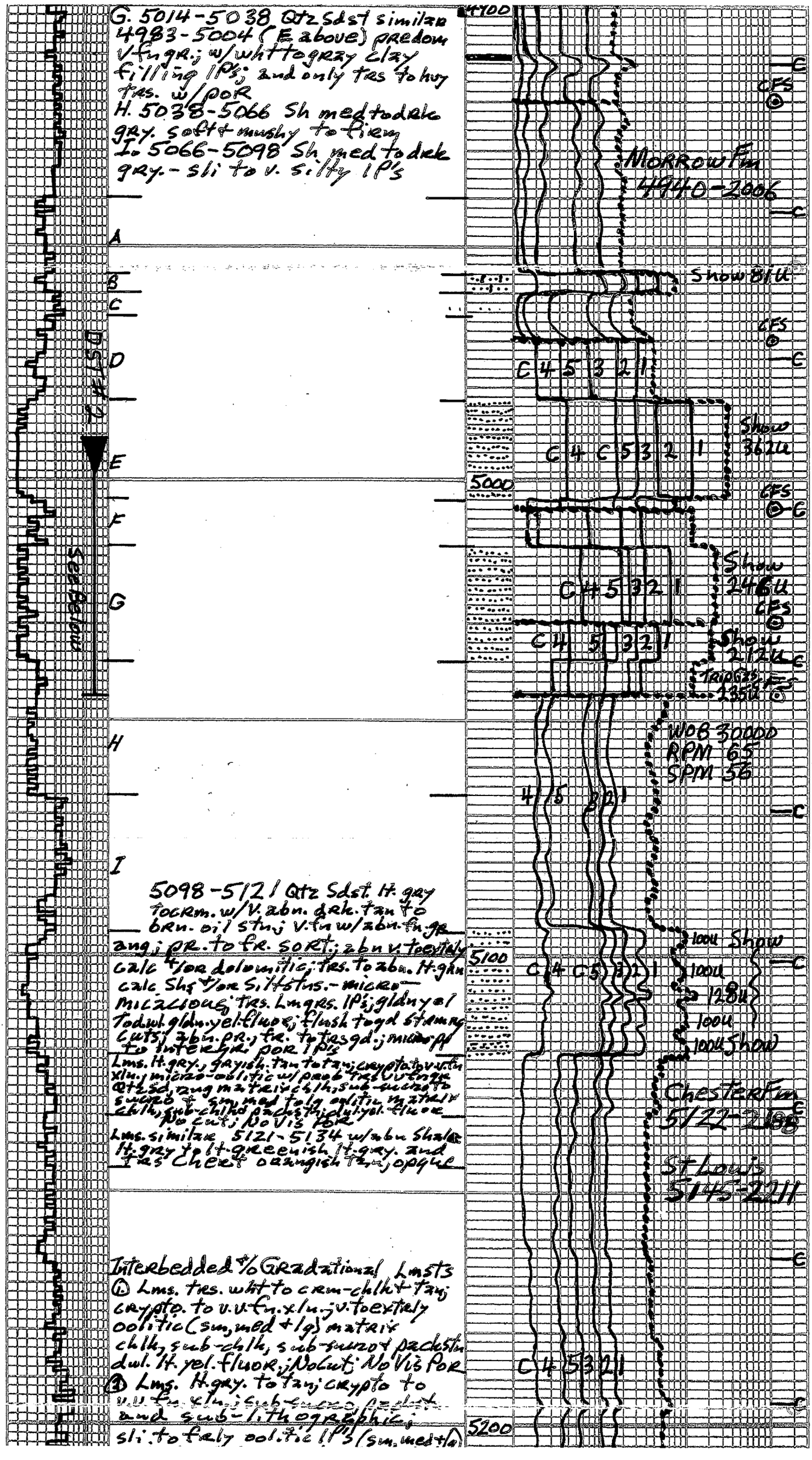


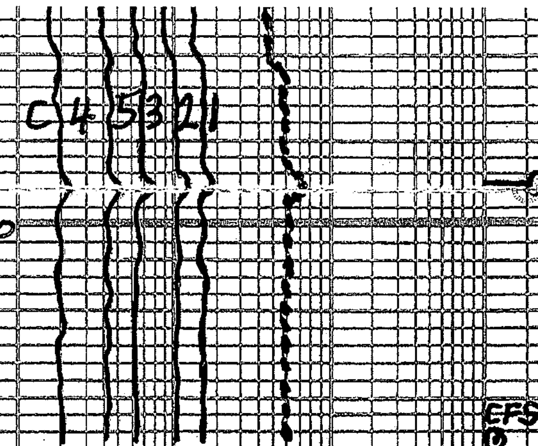
Sh v.drkgry.to black-carb.
Lms. lt.gray-tanish IPs to tan; crypto to v.v. fn.xln.; sub-chlk, trs sub-sucro + packstn.— dul.yel. & [illegible] IPs; No Cut; No Vis Por
Lms. trs. wht. to crm.-chlk + tan; crypto to v.v. fn.xln.; sli. to v. oolitic IPs; sub-chlk sub-sucro to trs sucro; dul. lt. yel. fluor.; No Cut; scattered trs. pr. micro-pp. por.
Lms. similar 4641-4648
Sh v.drkgry to black-carb
Lms similar 4641-4648
Sh v.drkgry to black-carb
Lms similar 4641-4648

4698-4940
Interbedded Limestones and Shales
1. Lms. trs. wht. to crm-chlk + tan; sli. to v. grayish IPs; crypto. to v.v. fn. xln. Trs. sub-chlk, sub-sucro + packstn. sli. to v. oolitic IPs; dul.yel., dul lt. yel to trs. yel. fluor.; No Cut; No Vis Por
(2) Lms. lt., med. to drk. gray.- sli. to extrly. Shly. grdng. to calc. Shs.; crypto. w/trs. v.v. fn. xln.; sub-chlk + / or Shly., trs sub sucro + packstn; No fluor.; No Cut; No Vis Por
(3) Sh. med. to v. drk gry.- calc + greenish gry to trs green
(4) scattered thin Shs v. dr. gry to black-carb

A. 4940-4956 Sh med. gray, drk gry.-splintery + trs lt. green to olive grn.
B. Lms. gry. to tan w/ sptd to trs even brn to drk. brn. oil stn; trs live oil crypto to v.v. fn. xln. matrix w/ abn to extrly. abn. Lm. gres + foss. frags matrix sub-sucro to sucro + packstn. dul. gldn. to gldn. yel. fluor.; flush to excel. strmng. Cuts; trs. pr. to sli. trs. fr. micro-pp to prob. interxln. por
C. 4960-4965 Lms similar 4956-60 (B above) with/only scattered trs sptd. oil stn and No Vis Por.
D. 4965-4983 Sh similar 4940-4956 (A above)
E. 4983-5004 Qtz Sdst. tan, drk. tan, brn to drk. brn from oil Stn. good to strong oil oder; v. fn to fn. gr.; ang.; pr. to fr. sort; trs to hvy trs. w/ trs to hvy. trs. glauc + / or Chlorite; lt. greenish yel. fluor when wet to gldn. yel fluor. when air dried; excel strmng Cuts; abn. pr., fr. to gd. intergr. por. + trs. poor micro-pp por. IPs
F. 5004-5014 Sh. similar 4940-56 (A above) becoming silty IPs grdng. to shly siltstns & siltstn; ltgry No fluor; No Cut; No Vis Por
G. 5014-5038 Qtz Sdst similar 4983-5004 (E above) predom v. fn gr.; w/ wht to gray clay filling IPs; and only trs to hvy trs. w/ por
H. 5038-5066 Sh med to drk gry. soft + mushy to firm




G. 5014-5038 Qtz Sdst similar 4983-5004 (E above) predom V-fn gr.; w/wht to gry clay filling IPs; and only trs to hvy trs. w/ por
H. 5038-5066 Sh med to dark gry. soft & mushy to fiss
I. 5066-5098 Sh med to dark gry. - sli to v. silty IPs
A
B
C
D
E
F
G
H
I
5098-5121 Qtz Sdst. lt. gray to crm. w/ V. abn. drk. tan to brn. oil stn; v. fn w/ abn. fn. gr ang; por. to fr. sort; abn v. to extly calc & /or dolomitic; trs. to abn. lt. gry calc Shs & /or Silt stns. - micro micaceous; trs. Lm grs. IPs; gldn yel Todwl gldn. yel. fluor; flush to gyd strmng cuts; abn. pr.; fr. to trs gd.; micro pp to intergr. por IPs
Lms. lt. gry., gryish. tan to tan; crypto to v. v. fn xln.; micro-oolitic w/ prob trace Qtz sd, zng matrix chlk, sub-sucrosic Qtz sd, zng matrix chlk, sub-sucrosic to sucrosic & sm. med to lg oolitic matrix chlk, sub-chlk packstn; dul yel. fluor; No cut; No Vis Por
Lms. similar 5121-5134 w/ abn Shale lt. gry to lt-greenish lt. gry. and trs Chert orangish tan; opaque
Interbedded & /o Gradational Lmsts
① Lms. trs. wht to crm-chlk to tan; crypto. to v. v. fn. x ln.; v. to extely oolitic (sm, med & lg) matrix chlk, sub-chlk, sub-sucrosic packstn dul. lt. yel. fluor; No cut; No Vis Por
② Lms. lt. gry. to tan; crypto to v. v. fn. x ln.; sub-sucrosic packstn and sub-lithographic; sli. to fnly oolitic IPs (sm. med & lg)
4900
5000
5100
5200
Morrow Fm 4940-2006
Show 5121
Show 3621
Show 2461
Show 2121
Trip Gas 1350u
WOB 30000
RPM 65
SPM 56
100u Show
100u
128u
100u
100u Show
Chester Fm 5122-5145
St Louis 5145-2211
CFS
C 4 5 3 2 1
C 4 C 5 3 2 1
C 4 5 3 2 1
C 4 5 3 2 1
C 4



crypto. to v.v.f.n. xln. v. f.ocxln.
oolitic (sm, med + lg) matrix
chlk, sub-chlk, sub-sucrod packstn
dul. lt. yel. fluor.; No cut; No Vis Por
(3) Lms. lt. gry. to tan; crypto to
v.v.fn. xln; sub-sucrd packst
and sub-lithographic;
sli. to fairly oolitic IP's (sm, med + lg)
dul. lt. yel. fluor.; No cut; No Vis Por
(3) tr. Chert gray to orangish tan
opaque

TD 5225

7 7/8" Bit Info

		in	out
#1 New Varel	HE21MSU	1760	4631
#2 ReRun STC	F27I	4631	5045
#3 ReRun STC	F12YVPS	5045	5225 TD

Dev. Surv.
1. 820 1° 5. 4631 1°
2. 1760 3/4° 6. 5045 3/4°
3. 2350 2° 7. 5225 1° TD
4. 3400 1 1/2°

CIR Points
1. 4030 6. 5006
2. 4580 7. 5030
3. 4631 8. 5045
4. 4920 9. 5225 TD
5. 4970

Daily Drlg Progress:
1. 3800 At 5:39 PM 5-11-2014
2. 4131 At 7:00 AM 5-12-2014
3. 4604 At 7:00 AM 5-13-2014
4. 4631 At 7:00 AM 5-14-2014
5. 4805 At 7:00 AM 5-15-2014
6. 5045 At 7:00 AM 5-16-2014
7. 5066 At 7:00 AM 5-17-2014
8. 5225 At 7:00 AM 5-18-2014

DST #1 Marmaton 4581-4631
IO Surf. Blow built to 5" in 30 min
FO Surf. Blow built to 4" in 60 min
Rec. 280' MW w/oil spks in Tool
Rw .115 @ 70° Chl 68000 ppm Pit Chl 3800 ppm
PH 6.5 Max BHT 121°
IHP 2225# FFP 71-153# in 60 min
IFP 12-65# in 30 min FSIP 1142# in 120 min
ISIP 1193# in 60 min FHP 2188

DST #2 Morrow 4991-5045
IO Surf Blow Died 8 min FO No Blow
Rec. 100 Sl. Oil Sptd Mud; Max BHT 122°
Tool sample Trace Oil + Mud
IHP 2310#
IFP 30-41# in 15 min
ISIP 923# in 30 min
FFP 45-62# in 30 min
FSIP 905# in 60 min
FHP 2294#

Mud Info:

Date	5-11 1:00P	5-12 12:15P	5-13 11:30A	5-14 8:20A	5-15 11:00A	5-16 11:00A	5-17 11:55A
Depth	3646	4248	4631	4631	4862	5045	5134
Wt.	8.6	9.25	9.35	9.3	9.4	9.35	9.3
Vis	46	47	50	50	47	67	62
PV	14	14	16	16	15	18	20
YP	15	15	17	16	15	22	22
GS	14/46	14/45	16/48	15/48	14/44	18/56	19/55
WL	9.6	8.4	8.0	8.8	8.0	9.2	10.4
Cake	1/32	1/32	1/32	1/32	1/32	1/32	1/32
pH	11.0	9.5	9.5	9.5	10.0	9.5	9.0

Daily Drlg Progress:

1.	3800	At 5:39 PM	5-11-2014
2.	4131	At 7:00 AM	5-12-2014
3.	4604	At 7:00 AM	5-13-2014
4.	4631	At 7:00 AM	5-14-2014
5.	4805	At 7:00 AM	5-15-2014
6.	5045	At 7:00 AM	5-16-2014
7.	5066	At 7:00 AM	5-17-2014
8.	5225	At 7:00 AM	5-18-2014

DST #1 Marmaton 4581-4631
ID Surf. Blow built to 5" in 30 min
FD Surf. Blow built to 4" in 60 min
Rec. 280' MW w/oil spks in Tool
Rw .115 @ 70° Chl 68000 ppm Pitch 13800 ppm
PH 6.5 Max BHT 121°
IHP 2225# FFP 71-153# in 60 min
IFP 12-65# in 30 min FSIP 1142# in 120 min
ISIP 1193# in 60 min FHP 2188

DST #2 Morrow 4991-5045
ID Surf Blow Died 8 min FD No Blow
Rec 100 SI. Oil Spkd Mud; Max BHT 122°
Tool sample Trace Oil + Mud
IHP 2310#
IFP 30-41# in 15 min
ISIP 923# in 30 min
FFP 45-62# in 30 min
FSIP 905# in 60 min
FHP 2794# in 60 min

Mud Info:

Date	5-11 1:00P	5-12 2:15P	5-13 11:30A	5-14 8:20A	5-15 11:00A	5-16 11:00A	5-17 11:55A	
Depth	3646	4248	4631	4631	4862	5045	5134	
Wt.	8.6	9.25	9.35	9.3	9.4	9.35	9.3	
Vis	46	47	50	50	47	67	62	
PV	14	14	16	16	15	18	20	
YP	15	15	17	16	15	22	22	
GS	14/46	14/45	16/48	15/48	14/44	18/56	19/55	
WL	9.6	8.4	8.0	8.8	8.0	9.2	10.4	
Cake	1/32	1/32	1/32	1/32	1/32	1/32	1/32	
pH	11.0	9.5	9.5	9.5	10.0	9.5	9.0	
Chl	2600	3600	3800	3400	2800	3500	4100	
Ca	20	20	20	20	20	20	20	
LCM	4	2	1½	2	2	1	2	

OPERATOR Berexco LLC
LEASE Faye NO. 2-18
ELEVATION 2934 KB RTD 5225
LOCATION 335' FSL + 1655' FEL
SEC. 18 TWP. 26S RNG. 33W
COUNTY Finney STATE Kansas

316-681-4734

ALLIED OIL & GAS SERVICES, LLC 063493

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Oakley KS
Bottom - 830a.m. 9:30a.m.

DATE 5-19-14	SEC. 18	TWP. 26	RANGE 33	CALLED OUT	ON LOCATION 3:00a.m.	JOB START 1:30p.m.	JOB FINISH 2:30p.m.
LEASE Faye	WELL # 2-18	LOCATION Garden City 5 to Reed 5 1/2				COUNTY Finney	STATE KS
OLD OR NEW (Circle one)		W. N/into					

CONTRACTOR Berexco 1
TYPE OF JOB Production (2 stage)
HOLE SIZE 7 7/8 T.D.
CASING SIZE 5 1/2 (15.5#) DEPTH 5230'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DV Tool DEPTH 3180'
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 42'
CEMENT LEFT IN CSG. 42'
PERFS.
DISPLACEMENT Bottom 50 water 73.47 bbl mud
Top 75.68 bbl water

EQUIPMENT

PUMP TRUCK CEMENTER Paul Beaver
120 HELPER Tyler Elipse
BULK TRUCK
891/310 DRIVER Scott (Tws)
BULK TRUCK
546/525 DRIVER Adam Elipse 3
600 Driver Juan 2 (TWS)

OWNER Same

CEMENT Bottom stage 125 sks Lite 6% gel 1/4# Flo-seal 220 sks ASC 6# salt 6#
AMOUNT ORDERED gilsonite .50 FL-160 .15# Defoamer
Top stage 375 sks Lite 50 sks ASC 6# salt
6# gilsonite .50 FL-160 .15# Defoamer

COMMON		@	
POZMIX		@	
GEL		@	
CHLORIDE		@	
ASC (Bottom)	220 sks	@ 20.90	4598.00
Lite (Bottom)	125 sks	@ 16.50	2062.50
FL-160	128 #	@ 18.90	2419.20
Defoamer	68 #	@ 9.80	666.40
gilsonite	1620 #	@ .98	1587.60
Lite (Top)	325 sks	@ 16.50	5362.50
Asc (Top)	50 sks	@ 20.90	1045.00
Lite (MH+RH)	50 sks	@ 16.50	825.00
Flo-seal	114 #	@ 2.97	338.58
HANDLING	911.69 ft³	@ 2.48	2260.99
MILEAGE	1823.5 ton/mi x 2.60		5061.13

Service Material Total (5,293.33/28%) TOTAL 18,904.78

REMARKS:

Bottom stage - pump ball through @ 400#, mix 125 sks Lite, tail w/ 220 sks ASC, wash up to pit, release plug, Displace w/ water + mud, plug did not land, lift pressure 400#, opened tool @ 1800# circ 4 hrs. Mix 30 sks in RH mix 20 sks in MH mix 325 sks Lite tail w/ 50 sks ASC, wash up, release plug, displace w/ water, plug did land @ 1800# w/ 800# lift pressure, tool did close, circ. 20 bbl cement to pit

CHARGE TO: Berexco LLC

STREET

CITY STATE ZIP

Thank You!
Paul + Crew

SERVICE

DEPTH OF JOB	Bottom 5230' Top 3180'		
PUMP TRUCK CHARGE	3099.25		2466.25
EXTRA FOOTAGE		@	
MILEAGE mi HV	50	@ 7.70	385.00
MANIFOLD Head		@ 275.00	N/C
mi LV	50	@ 4.40	N/C
		@	

(3682.78/28%) TOTAL 13,152.62

PLUG & FLOAT EQUIPMENT

Industrial Rubber (5 1/2)

DV Tool	1	@	5335.00
AFU Float shoe	1	@	140.00
Latch down Flex Assy	1	@	N/C
Centralizers	16	@ 57.00	912.00
Baskets	3	@ 395.00	1185.00

TOTAL 8,072.00

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.

SALES TAX (If Any) 1969.30

TOTAL CHARGES 40,129.40

DISCOUNT 8,976.07 (28%) IF PAID IN 30 DAYS

31,153.33 Net.

PRINTED NAME Gilbert Davila

SIGNATURE [signature]