



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1073810
OIL & GAS CONSERVATION DIVISION

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 # _____

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

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

1073810

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

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

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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				

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 <i>(Amount and Kind of Material Used)</i>	Depth

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

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Hines Unit 19X
Doc ID	1073810

Tops

Name	Top	Datum
Anhydrite	1003	923
Topeka	2780	-854
Plattsmouth	2960	-1034
LKC A	3050	-1124
LKC H	3192	-1266
LKC J	3231	-1305
LKC K	3269	-1343
Arbuckle	3383	-1457
TD	3440	-1514

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Hines Unit 19X
Doc ID	1073810

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
2	2781-2790 Topeka	1000 gals 20% NEFE	2781-2790
4	2884-2888 Topeka	750 gals 15% NEFE	2884-2888
4	2961-2966 Plattsmouth	1000 gals 15% NEFE	2961-2966
4	3019-3024 Toronto	1000 gals 15% NEFE	3019-3024
4	3050-3055 LKC A	1000 gals 20% NEFE	3050-3055
4	3058-3062 LKC A	1000 gals 15% NEFE	3058-3062
4	3240-3249 LKC J	1000 gals 15% NEFE	3240-3249

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



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

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

February 14, 2012

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

Re: ACO1
API 15-167-23739-00-00
Hines Unit 19X
SW/4 Sec.16-11S-15W
Russell County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Bruce Meyer

ALLIED CEMENTING CO., LLC. 035191

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
RUSSELL

DATE 12-18-11	SEC 16	TWP. 11S	RANGE 15W	CALLED OUT	ON LOCATION	JOB START 4PM	JOB FINISH 4:30 PM
4 LINES UNIT LEASE	WELL# 19X	LOCATION FAIRPORT KS-1E-3N-1/2E			COUNTY RUSSELL	STATE KS	
OLD OR <u>NEW</u> (Circle one)				N INTO			

CONTRACTOR Berexco

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 310

CASING SIZE 8 7/8 DEPTH 307

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 20 FT

PERFS.

DISPLACEMENT 18.71 bbl

OWNER

CEMENT AMOUNT ORDERED 225

COMMON	<u>225</u>	@	<u>16.25</u>	<u>3656.25</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>21.25</u>	<u>85.00</u>
CHLORIDE		@		
ASC		@		
CC	<u>8</u>	@	<u>58.20</u>	<u>465.60</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>237</u>	@	<u>2.25</u>	<u>533.25</u>
MESSAGE	<u>23X237X.11</u>			<u>599.61</u>
	<u>Arayage 5451.00</u>			
				TOTAL <u>5339.71</u>

REMARKS:

CMT CIRCULATED TO SURFACE

SERVICE

DEPTH OF JOB	<u>307</u>		
PUMP TRUCK CHARGE			<u>1125.00</u>
EXTRA FOOTAGE	<u>7</u>	@	<u>.95</u> <u>NC</u>
MILEAGE	<u>23</u>	@	<u>7.00</u> <u>161.00</u>
MANIFOLD		@	<u>NC</u>
ADV MILEAGE	<u>23</u>	@	<u>4.00</u> <u>92.00</u>
		@	

CHARGE TO: BEREXCO

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1286.00

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL _____			

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

SALES TAX (If Any) _____

TOTAL CHARGES 6625.71

DISCOUNT 24% IF PAID IN 30 DAYS

PRINTED NAME Miguel Salinas

SIGNATURE [Signature]

ALLIED CEMENTING CO., LLC. 035194

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
RUSSELL

DATE <u>12-24-11</u>	SEC. <u>16</u>	TWP. <u>11 S</u>	RANGE <u>15 W</u>	CALLED OUT	ON LOCATION	JOB START <u>9 AM</u>	JOB FINISH <u>9:30 AM</u>
WELLS UNIT LEASE		WELL # <u>19 X</u>	LOCATION <u>FAIRPORT - 1E - 4N - 12E - 12N</u>			COUNTY <u>RUSSELL</u>	STATE <u>KS</u>
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR BER ED CO

TYPE OF JOB PRODUCTION

HOLE SIZE 7 7/8 T.D. 3440

CASING SIZE 5 1/2 DEPTH 3437.53

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL dv-tool DEPTH 1035

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 84.26

PERFS.

DISPLACEMENT 79.81

EQUIPMENT

PUMP TRUCK CEMENTER Bob Smith

366 HELPER Bob Roller

BULK TRUCK

341 DRIVER JAMES HENICE

BULK TRUCK

378 DRIVER GREG

473 ROBERT

REMARKS:

The RIG LOST CIRCULATION

OWNER

CEMENT

AMOUNT ORDERED

125 SK LITE + 1/4 # FLO-SEAL

175 SK ASC + 5# GILSONITE

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@	<u>175</u>	<u>19.00</u> <u>3325.00</u>
LITE	@	<u>125</u>	<u>15.00</u> <u>1875.00</u>
GILSONITE	@	<u>875</u>	<u>0.89</u> <u>778.75</u>
FLO-SEAL	@	<u>31</u>	<u>2.70</u> <u>83.70</u>
HANDLING	@	<u>.310</u>	<u>2.25</u> <u>697.5</u>
MILEAGE <u>25 X 310 X .11</u>			<u>852.5</u>
<u>Drayage 7750</u>			
TOTAL			<u>7612.45</u>

SERVICE

DEPTH OF JOB 3437.53

PUMP TRUCK CHARGE 2225.00

EXTRA FOOTAGE @

MILEAGE 25 @ 7.00 175.00

MANIFOLD 1 @ 200.00 200.00

25 @ 4.00 100.00

TOTAL 2700.00

CHARGE TO: BEREXCO

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

1- AFU FLOAT SHOE	@	<u>232.00</u>	<u>232.00</u>
1- dv tool	@	<u>2832.00</u>	<u>2832.00</u>
1- STOP RING	@	<u>42.00</u>	<u>42.00</u>
4- BASKETS	@	<u>178.00</u>	<u>712.00</u>
9- TURBOLIZERS	@	<u>65.00</u>	<u>585.00</u>
TOTAL			<u>4403.00</u>

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

SALES TAX (If Any) _____

TOTAL CHARGES 15105.45 14715.45

DISCOUNT 24% IF PAID IN 30 DAYS

PRINTED NAME Robert Hunt

SIGNATURE _____

ALLIED CEMENTING CO., LLC. 05195

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
RUSSELL

DATE <u>12-24-11</u>	SEC <u>16</u>	TWP. <u>11 S</u>	RANGE <u>15 W</u>	CALLED OUT	ON LOCATION	JOB START <u>9:30</u>	JOB FINISH <u>10 AM</u>
LEASE <u>unit</u>	WELL# <u>19 X</u>	LOCATION <u>Fairport</u>			COUNTY <u>RUSSELL</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Beredco
 TYPE OF JOB Production
 HOLE SIZE 7 7/8 T.D.
 CASING SIZE 5 1/2 DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL AV DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 84.26 FT
 PERFS.
 DISPLACEMENT 24.63 bbl

OWNER
 CEMENT AMOUNT ORDERED 400 sk + 1/4 FLO SEAL
 COMMON @
 POZMIX @
 GEL @
 CHLORIDE @
 ASC @
LITE 400 @ 15.00 6000.00
FLO SEAL 100 @ 2.70 270.00
 HANDLING 405 @ 2.25 911.25
 MILEAGE 25x405x.11 1113.75
Arayage 10,125.00
 TOTAL 8295.00

EQUIPMENT
 PUMP TRUCK CEMENTER Bob Smith
 # 366 HELPER Bob Rollee
 BULK TRUCK
 # 341 DRIVER JAMES Henke
 BULK TRUCK
 # 378 DRIVER GREG R,
473 Robert

REMARKS:
The Rig lost circulation
we did NOT circulate cement.

CHARGE TO: BEREXCO
 STREET _____
 CITY _____ STATE _____ ZIP _____

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

PRINTED NAME Robert Smith
 SIGNATURE _____

SERVICE
 DEPTH OF JOB 3437.53
 PUMP TRUCK CHARGE 2225.00
 EXTRA FOOTAGE @
 MILEAGE 25 @ 7.00 175.00
 MANIFOLD 1 @ 200.00
25 @ 4.00 100.00
 TOTAL 2400.00
~~2700.00~~

PLUG & FLOAT EQUIPMENT
1-THREDLOCK KIT @ 71.00 71.00
 TOTAL 71.00

SALES TAX (If Any) 10.766.00
 TOTAL CHARGES ~~10995.00~~ 11066.00
 DISCOUNT 34% IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 034536

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell Ks.

DATE <u>1-10-2012</u>	SEC. <u>12</u>	TWP. <u>20S</u>	RANGE <u>24W</u>	CALLED OUT	ON LOCATION	JOB START <u>3:00 PM</u>	JOB FINISH <u>3:30 PM</u>
LEASE <u>HINES</u>	WELL # <u>UNIT 19</u>	LOCATION <u>Gorham Ks. 1E 11N</u>			COUNTY <u>Russell</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>1/2W 3N 1E 1/4W</u>				

CONTRACTOR Company Tools (Randy) OWNER _____
 TYPE OF JOB "PERF" Squeeze
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2 15 50 DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM 300
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. 1005
 DISPLACEMENT _____

CEMENT DID NOT USE
 AMOUNT ORDERED 125 SX 60 4% gel
150 SX 40 4% gel 2% GC
 *USED 75 SX ASC TODAY
 COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC 75 SX UNITS @ 19.00 1425.00

EQUIPMENT

PUMP TRUCK CEMENTER GILANN
 # 417 HELPER WOODY
 BULK TRUCK
 # 473 DRIVER ROY
 BULK TRUCK
 # _____ DRIVER _____

HANDLING 75 SX (min) @ 4.75 344.00
 MILEAGE 25 TON MI @ 11.4 206.25
~~18.75~~ 18.75
 TOTAL 1975.25

REMARKS:

Load CSG, & PERF @ 1005'. Pumped
INTO & GOT INJECTION RATE
OF 3 BPM @ 300 # (NO RETURNS)
Decide to cement off PERF
w/ 75 SX ASC, INSTEAD OF 60 Blead.
Load CSG, & pumped 2 BPM @ 300 #
Mixed 75 SX ASC, Release Rubber
plug, & Displced to 900' (21.42 BRL)
H₂O HAD max PRESSURE OF 5000
SHUT IN @ APPROX. 50 #, THANK'S

SERVICE _____
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 1050.00
 EXTRA FOOTAGE 900' @ 95¢ 665.00
 MILEAGE 25 HV MI @ 7.00 175.00
 MANIFOLD 5 1/2 Head E. @ _____ -NC-
25 LV MI @ _____ NC

CHARGE TO: Berexco LLC
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 1890.00

PLUG & FLOAT EQUIPMENT

5 1/2 Solid Rubber Plug 51.00
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL 51.00

Run Temp Survey
in morning,

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

PRINTED NAME _____
 SIGNATURE Robert Hunt

SALES TAX (If Any) _____
 TOTAL CHARGES 3916.25
 DISCOUNT 24% IF PAID IN 30 DAYS
~~1632.87~~ ~~1632.87~~
1632.87

ALLIED CEMENTING CO., LLC. 034537

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell Ks.
Noon

DATE <u>1-21-2012</u>	SEC. <u>12</u>	TWP. <u>30</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION	JOB START <u>12:00 PM</u>	JOB FINISH <u>12:30 PM</u>
LEASE <u>Hiles</u>		WELL UNIT <u>19X</u>		LOCATION <u>Bootham Ks, 1E 11N 1/2 W</u>		COUNTY <u>Russell</u>	STATE <u>KANSAS</u>
OLD OR NEW (Circle one) <u>NEW</u>		3N 1E 1/4					

CONTRACTOR Co Tools (Randy)
 TYPE OF JOB PERF Squeeze (dis cement)
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2 15# DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 8 5/8 Surface DEPTH 310
 TOOL _____ DEPTH _____
 PRES. MAX 300 # MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 100'
 PERFS. @ 653 perf Tech
 DISPLACEMENT 13 1/8 BBL

OWNER _____
 CEMENT AMOUNT ORDERED 200 SX 40 4% gel
290 cc

EQUIPMENT
 PUMP TRUCK CEMENTER Glen A
 # 419 HELPER woody
 BULK TRUCK
 # 378 DRIVER RON
 BULK TRUCK
 # _____ DRIVER _____

COMMON	<u>120 SX</u>	@ <u>16.25</u>	<u>1950.00</u>
POZMIX	<u>80 SX</u>	@ <u>8.50</u>	<u>680.00</u>
GEL	<u>7 SX</u>	@ <u>21.25</u>	<u>148.75</u>
CHLORIDE	<u>4 SX</u>	@ <u>58.20</u>	<u>232.80</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	

REMARKS:

TOP OF Cement @ 690' PERF @ 653'
Look Interception Rate of 3 BPM @
300#, Had approx Blow on ANNULAS,
But no CIRCULATION. Mixed 200 SX 40 4% gel
2% cc. + Release Rubber Plug.
Displaced 13 1/8 BBL H₂O Belling + Plug
Shut in @ 100#, Had approx 1 BPM
Returns AT END APPROX HAD DRG. MUD
IN RETURNS TO PIT. THANK'S

HANDLING 200 TOTAL SX @ 2.25 450.00
 MILEAGE 25 Top Mile @ 11# 550.00
Drayage 5,000 TOTAL 4011.55
~~DISC. SERVICE~~

CHARGE TO: Berexco LLC.
 STREET _____
 CITY _____ STATE _____ ZIP _____

DEPTH OF JOB <u>653' Perf</u>		
PUMP TRUCK CHARGE @ <u>300'</u>		<u>10.50</u>
EXTRA FOOTAGE <u>(350) 954</u>		<u>335.35</u>
MILEAGE <u>25 HU @ 2.00</u>		<u>-NC-</u>
MANIFOLD Head @ <u>250.00</u>		<u>-NC-</u>
MI LV @ <u>4</u>		<u>NC</u>
		@

TOTAL 1385.35

PLUG & FLOAT EQUIPMENT

Solid Rubber Plug		<u>51.00</u>
	@	
	@	
	@	
	@	

TOTAL 51.00

SALES TAX (If Any) _____
 TOTAL CHARGES 5442.90
 DISCOUNT 24% IF PAID IN 30 DAYS

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

PRINTED NAME _____
 SIGNATURE Robert Hunt

ALLIED CEMENTING CO., LLC. 042392

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Great Bend, KS

DATE <u>1-16-12</u>	SEC <u>16</u>	TWP <u>11s</u>	RANGE <u>15-W</u>	CALLED OUT	ON LOCATION	JOB START <u>2:00 PM</u>	JOB FINISH <u>3:00 PM</u>
LEASE <u>Hines Unit</u>	WELL # <u>19x</u>	LOCATION <u>North of Gorham, KS to</u>			COUNTY <u>Russell</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			<u>end of Blacktop 3 north, 1 east, north into</u>				

CONTRACTOR <u>Berexco</u>	OWNER <u>Berexco</u>
TYPE OF JOB <u>TOP OFF</u>	CEMENT
HOLE SIZE T.D.	AMOUNT ORDERED <u>2175 sks 60/40</u>
CASING SIZE DEPTH	<u>poz 1 1/2 gel 2% cc</u>
TUBING SIZE DEPTH	
DRILL PIPE DEPTH	
TOOL DEPTH	
PRES. MAX MINIMUM	COMMON <u>90</u> @ <u>16.75</u> <u>1462.50</u>
MEAS. LINE SHOE JOINT	POZMIX <u>60</u> @ <u>9.50</u> <u>510.00</u>
CEMENT LEFT IN CSG.	GEL <u>2</u> @ <u>51.25</u> <u>106.25</u>
PERFS.	CHLORIDE <u>3</u> @ <u>58.20</u> <u>174.60</u>
DISPLACEMENT	ASC @

EQUIPMENT			
PUMP TRUCK	CEMENTER	<u>Greg R</u>	
# <u>224</u>	HELPER	<u>Dustin C</u>	
BULK TRUCK			
# <u>344/170</u>	DRIVER	<u>Kevin W.</u>	
BULK TRUCK			
#	DRIVER		
		HANDLING <u>138</u> @ <u>2.25</u> <u>305.50</u>	
		MILEAGE <u>158 x 25 x .11</u>	<u>437.50</u>
		TOTAL	<u>3043.75</u>

REMARKS:
On location, hookup, circulate thru 1 inch to 389 ft. max 300 psi mix 150 sks 60/40 poz 4% gel 2% cc. Cement did circulate. Wash up rig down.

SERVICE	
DEPTH OF JOB	<u>389 ft</u>
PUMP TRUCK CHARGE	<u>911.25.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>H/M - 3.5</u>	@ <u>7.00</u> <u>175.00</u>
MANIFOLD <u>2 VM 30 RT</u>	@ <u>4.00</u> <u>N/C</u>
	@
TOTAL	<u>1300.00</u>

CHARGE TO: Berexco

STREET _____

CITY _____ STATE _____ ZIP _____

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

PRINTED NAME X _____

SIGNATURE X Robert Hunt

SALES TAX (If Any) _____

TOTAL CHARGES 4,343.35

DISCOUNT 24% 1,042.40 IF PAID IN 30 DAYS

3,300.95

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: HINES UNIT 19X
 Location: SENESW SECTION 16 11S-15W RUSSELL COUNTY, KANSAS
 Licence Number: 15-167-23739
 Spud Date: 12-18-2011
 Surface Coordinates: 1650' FSL & 2310' FEL
 Region: MIDCONTINENT
 Drilling Completed: 12-23-2011

Bottom Hole Coordinates:
 Ground Elevation (ft): 1915
 Logged Interval (ft): 2500 To: 3440
 Formation: LKC & ARBUCKLE
 Type of Drilling Fluid: WATER
 K.B. Elevation (ft): 1926
 Total Depth (ft): 3440

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: BEREXCO, LLC.
 Address: 2020 N. BRAMBLEWOOD
 WICHITA, KANSAS 67206

GEOLOGIST

Name: WILLIAM B. BYNOG
 Company:
 Address: P.O. BOX 687
 PINECLIFFE, CO. 80471
 303-250-0727 CELL

Cores


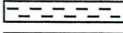

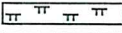
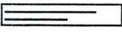
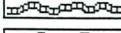




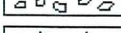
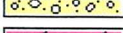

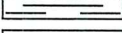
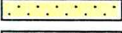
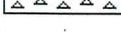



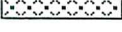
DSTs

NONE

Comments

LOST CIRCULATION AT 1374', DRILLED TO TOTAL DEPTH WITH FRESH WATER, NO RETURNS. NO DST'S OR LOGS

ROCK TYPES

 Anhy	 Clyst	 Gyp	 Mrlst	 Shgy
 Bent	 Coal	 Igne	 Salt	 Sltst
 Brec	 Congl	 Lmst	 Shale	 Ss
 Cht	 Dol	 Meta	 Shcol	 Till

ACCESSORIES

MINERAL	 Gyp	FOSSIL	 Ostra	 Sltstrg
 Anhy	 Hvymn	 Algae	 Pelec	 Ssstrg
 Arggrn	 Kaol	 Amph	 Pellet	
 Arg	 Marl	 Belm	 Pisolite	TEXTURE
 Bent	 Minxl	 Bioclst	 Plant	 Boundst
 Bit	 Nodule	 Brach	 Strom	 Chalky
 Brecfrag	 Phos	 Bryozoa		 Cryxln
 Calc	 Pyr	 Cephal	STRINGER	 Earthy
 Carb	 Salt	 Coral	 Anhy	 Finexln
 Chtdk	 Sandy	 Crin	 Arg	 Grainst
 Chtlt	 Silt	 Echin	 Bent	 Lithoar

- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau

- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst

- Finexin
- Grainst
- Lithogr
- Microxin
- Mudst
- Packst
- Wackest

OTHER SYMBOLS

- POROSITY
- Earthy
 - Fenest
 - Fracture
 - Inter
 - Moldic
 - Organic
 - Pinpoint

- Vuggy
- SORTING
- Well
 - Moderate
 - Poor

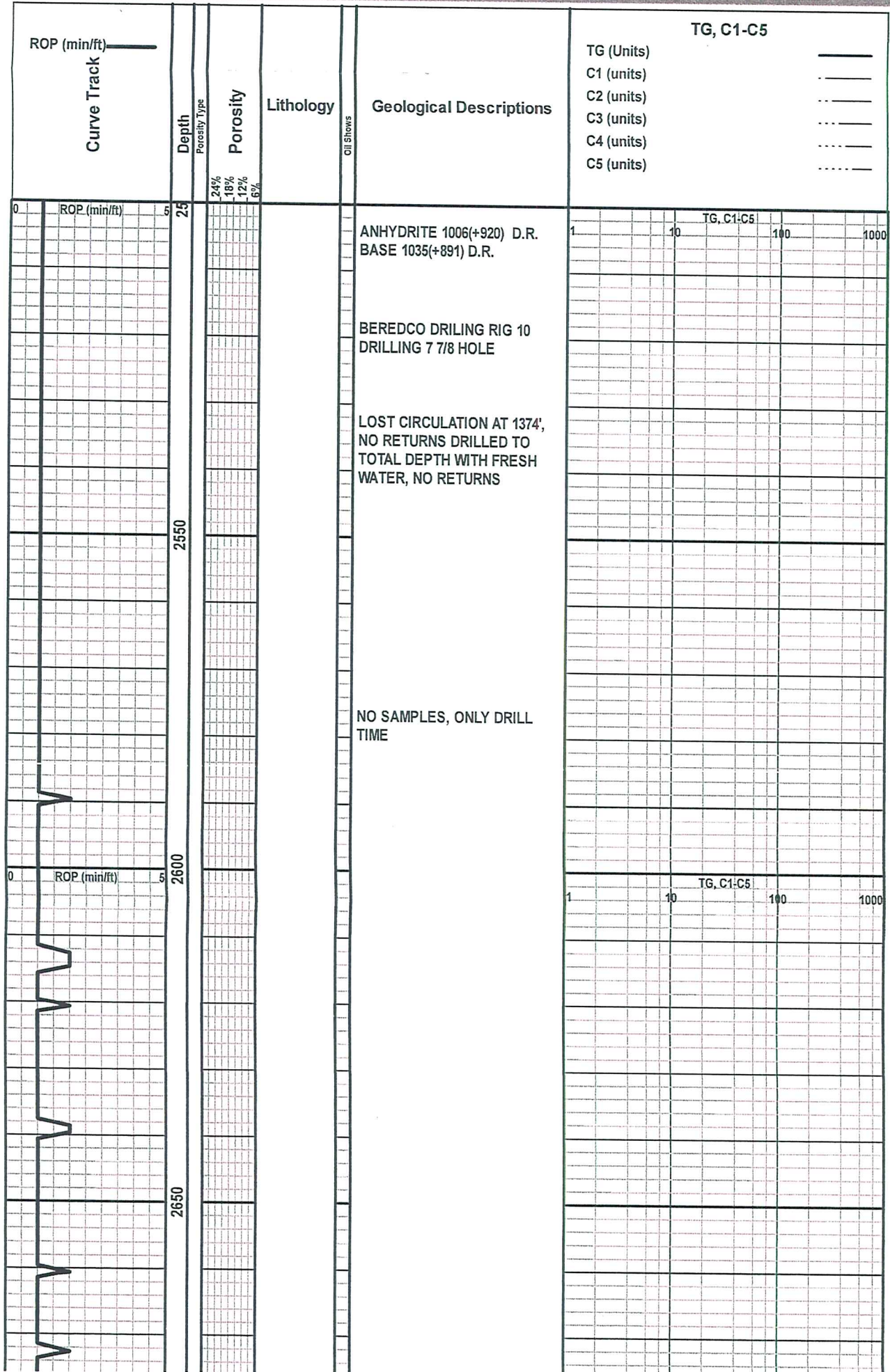
- ROUNDING
- Rounded
 - Subrnd
 - Subang
 - Angular

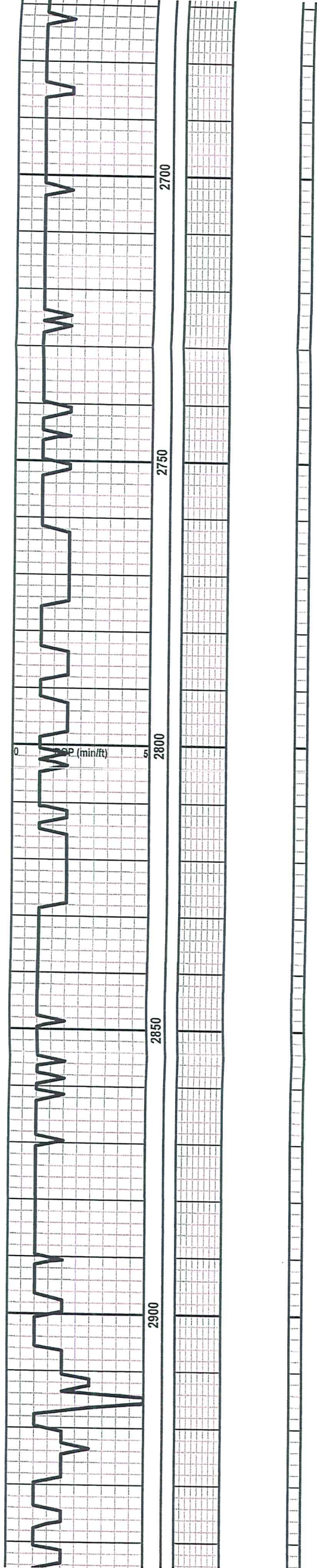
- Spotted
- Ques
- Dead

- EVENT
- Rft
 - Sidewall

- INTERVAL
- Core
 - Dst

- OIL SHOW
- Even

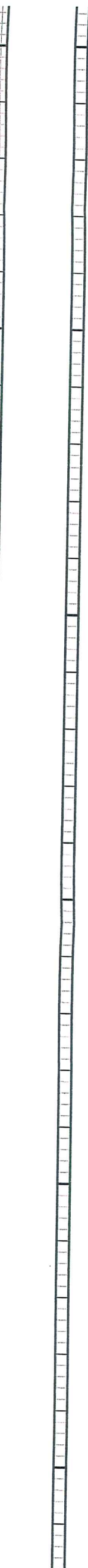
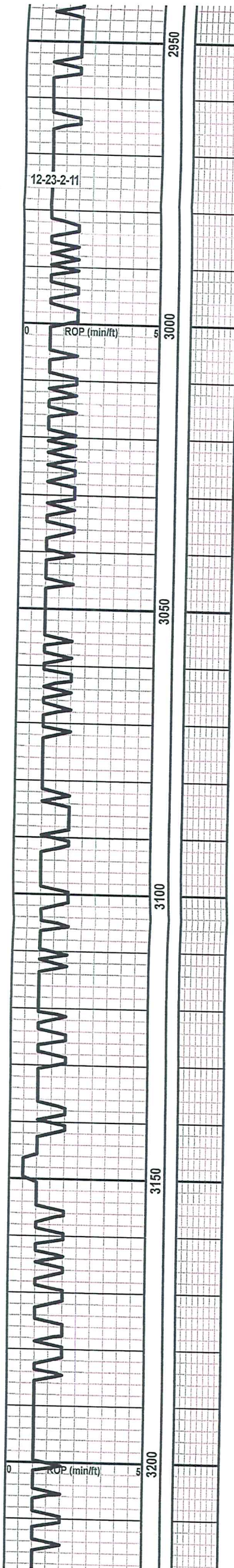




TOPEKA
2740(-814)D.R.

35' ZONE
2774(-848) S D.R.

1 10 TG, C1-C5 100 1000



PLATTSMOUTH
2955(-1029)D.R.

1 10 TG, C1-C5 100 1000

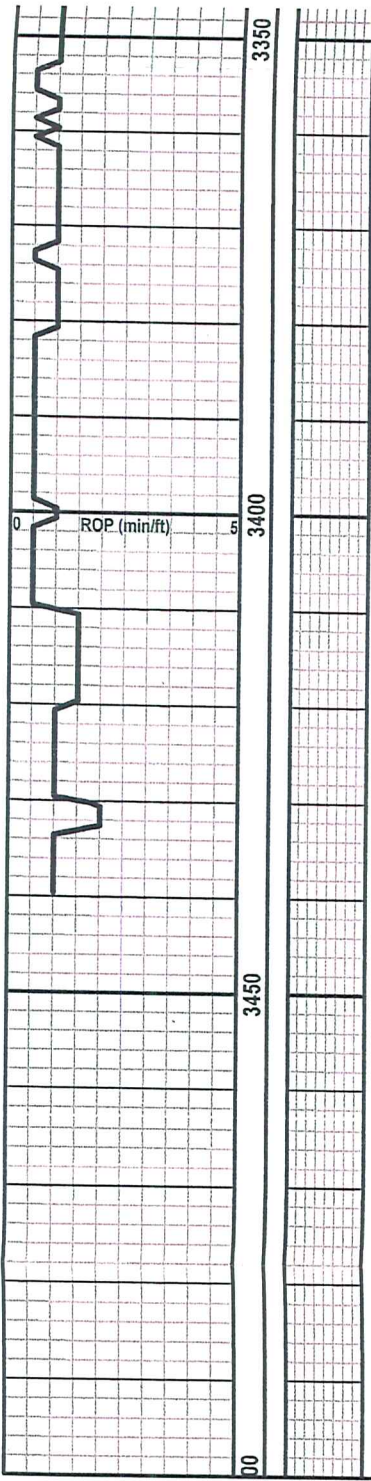
LANSING A
3042(-1116)D.R.

G ZONE
3142(-1216)D.R.

H ZONE
3182(-1256) D.R.

J ZONE
3220(-1284) D.R.

1 10 TG, C1-C5 100 1000



RTD 3440'

