

Confiden	tiality Requested:
Yes	No

### Kansas Corporation Commission Oil & Gas Conservation Division

1073810

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R 🔲 East 🗌 West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
☐ Oil       ☐ WSW       ☐ SHOW         ☐ 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:	Producing Formation:  Elevation: Ground: Kelly Bushing: Feet  Total Vertical Depth: Plug Back Total Depth: Feet  Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: Feet  If Alternate II completion, cement circulated from: sx cmt.
Original Comp. Date: Original Total Depth:  Deepening Re-perf. Conv. to ENHR Conv. to SWD  Plug Back Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Commingled         Permit #:	Chloride content: ppm Fluid volume: bbls  Dewatering method used:  Location of fluid disposal if hauled offsite:  Operator Name:
GSW Permit #:	Lease Name:
Spud Date or Date Reached TD Completion Date or Recompletion Date	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:

Page Two



Operator Name:				Lease N	Name: _			_ Well #:		
Sec Twp	S. R	East	West	County	:					
	ow important tops of fo ing and shut-in pressu o surface test, along wi	res, whe	ther shut-in pre	ssure reacl	hed stati	c level, hydrosta	tic pressures, bo			
Final Radioactivity Logilles must be submitted						gs must be ema	iled to kcc-well-lo	ogs@kcc.ks.go	v. Digital	electronic log
Drill Stem Tests Taken (Attach Additional S		Ye	es No			3	on (Top), Depth a			Sample
Samples Sent to Geol	ogical Survey	Ye	es 🗌 No		Nam	9		Тор	L	Datum
Cores Taken Electric Log Run		☐ Y€								
List All E. Logs Run:										
			CASING	RECORD	│ Ne	w Used				
		Repo				rmediate, producti	on, etc.			
Purpose of String	Size Hole Drilled		e Casing t (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
Purpose	Depth					EEZE RECORD				
Purpose: Perforate	Top Bottom	Туре	of Cement	# Sacks	Used		Type and	Percent Additives		
Protect Casing Plug Back TD										
Plug Off Zone										
Did you perform a hydrau	ilic fracturing treatment or	this well?	?			Yes	No (If No, sk	ip questions 2 ar	nd 3)	
	otal base fluid of the hydra		•		•			ip question 3)		
Was the hydraulic fractur	ing treatment information	submitted	to the chemical of	disclosure reg	gistry?	Yes	No (If No, fil	out Page Three	of the ACC	)-1)
Shots Per Foot			RD - Bridge Plug Each Interval Perl				cture, Shot, Cemen		d	Depth
TUBING RECORD:	Size:	Set At:		Packer At	t:	Liner Run:				
							Yes No			
Date of First, Resumed	Production, SWD or ENH	R.	Producing Meth Flowing	nod:	g $\square$	Gas Lift C	other (Explain)			
Estimated Production Per 24 Hours	Oil Bl	bls.	Gas	Mcf	Wate	er Bl	ols.	Gas-Oil Ratio		Gravity
DIODOGITI	ON OF CAC			ACTUOD OF	COMPLE	TION		DDODUGT		
Vented Sold	ON OF GAS:  Used on Lease		N Open Hole	NETHOD OF $\Box$ Perf.	Dually	Comp. Con	nmingled	PRODUCTIO	λΝ ΙΝΙ ΕΚ\	/AL:
(If vented, Sub			Other (Specify)		(Submit A	ACO-5) (Subi	mit ACO-4)			

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

### Tops

Name	Тор	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/

Sam Brownback, Governor

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

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

# EMENTING CO., LLC. Federal Tax 1.D.# 20-5975804

REMIT TO HO. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell

DATE 12-18-11	SEC.	TWP.S	RANGE 15	CA	LLED OUT	ON LO	OCATION	JOB START	JOB FINISH 4130 PM
INES UNIT		10 Y		100-0	-1-6			COUNTY	STATE
LEASE	WELL#	17/			T165-1E-	-3N-	12-	RUSSELL	KS.
OLD OR NEW (Ci	rcle one)		N	1210			···	] .	
CONTRACTOR	Bere			<del>,</del>	OWNER				
	WIFA				ani 'm				
	274	T.D.			CEMENT		775		
	8 78		PTH 307	-	AMOUNT O	RDEREI	). Litub)		
TUBING SIZE			PTH				···		
DRILL PIPE			PTH	<del></del> .					
TOOL			PTH		~~····		200	- 11.20	21517
PRES. MAX			NIMUM		COMMON_		225		3656,2
MEAS. LINE	1.000		DE JOINT		POZMIX _		7.1	_@	0,000
CEMENT LEFT IN	V CSG.	JOF	<u> </u>		GEL _	10 Tel	7	@ 21,25	. 83-
PERFS.		18.71	hhi.		CHLORIDE			_@	
DISPLACEMENT		10:71			ASC		0-	_@	1.25
	EQU	<b>ILPMENT</b>						@ 58.20	465,60
								_@	-
PUMPTRUCK	CEMENT	FR BOS	5M,4H					@	
	HELPER	10010							
BULK TRUCK	TIEDI LIK	400.10	·					@	
COLUMN TO THE CO	DRIVER	RON	,					_@	
BULK TRUCK	DIMATRI	12010						_@	
	DRIVER							_ @	
Tr .	DKIVEK				HANDLING		237	@ 2.25	533.25
				,	WHITE ASE		37 X.11		599.61
	RE	MARKS:		K	rayage 54	51,00	;	TOTAL	5339.71
					PUMP TRUCE EXTRA FOO MILEAGE _ MANIFOLD	CK CHA DTAGE_	23	7 @ <u>. 95</u> 2 @ <u>7<i>9</i>2</u> @	112500 NGG 50 16100
					LOW mile			9 900	1
			•					@	
CHARGE TO:	SER	FX1	0				, i		
				-			1	IATOT	12860
CITY	ST	TATE	ZIP	<del></del>		PLUG	& FLOA	T EQUIPME	NT ·
								@	_
								@	
To Allied Cemen	ting Co.,	LLC.					1		
You are hereby re			nenting equipm	nent				@	
and furnish ceme	_							_ @	
contractor to do		~					ž	· ·	
done to satisfacti							-	TOTA	L
contractor. I hav							•	1011	
					SALES TAX	((If Anv	)		
TERMS AND C	ONDITIC	JINS" liste	d on the reverse	e side.				~ ~ 1	•
	. 4 4	/ -			TOTAL CHA	ARGES_	6625	2011	
PRINTED NAME	My	ylo Sa	linas		DISCOUNT	24%	i	IF PA	ID IN 30 DAY
SIGNATURE	MA	/					1		
STOLAN OKR	1 600								

# - Property and the property of the property of

	D.# 20-5975804	LC. 035194
REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERV	VICE POINT: RUSSELL
DATE 12-24-11 SEC. TWP RANGE C	ALLED OUT ON LOCATION	JOB START JOB FINISH 9/30 AK
LEASE WELL# 19 X LOCATION FAIR PORT	T-1E-4N-35-5N	COUNTY STATE
OLD OR(NEW (Circle one)	1,20	KASSECC RS
	-	J ,
CONTRACTOR BEREdico	OWNER	
TYPE OF JOB PRODUCTION  HOLE SIZE 7 % TD 3440		
	. CEMENT	
CASING SIZE 5 DEPTH 3 437.53  TUBING SIZE DEPTH	AMOUNT ORDERED_ 125 St Lite+ 1/1 Flo	
DRILL PIPE DEPTH	175 SK ASC + 5# 612,	5-1-1-0
TOOL dv-Tool DEPTH 1035		99.7
PRES. MAX MINIMUM	COMMON	_@
MEAS. LINE SHOE JOINT	POZMIX	@
CEMENT LEFT IN CSG. 84,26	GEL	@
PERFS.	CHLORIDE	@
DISPLACEMENT 79.8/	ASC /75	@ 19.00 3325
EQUIPMENT	LITE 125	@ 15 <u>95   1875</u>
	G1250NITE 875	
PUMPTRUCK CEMENTER Bob Smith		@
# 366 HELPER Bob RolleR	FLO-SEAL 31	@ 2.70 83.75
BULK TRUCK # 391 DRIVER James HEALICE		
# 391 DRIVER James HENICE BULK TRUCK		
# 378 DRIVER GREG	2/5	<u> </u>
473 ROBERT	HANDLING 3/0	@ 2.25 <u>697.5</u> 852.5
	brayage 7750	
	page 1100	TOTAL 76/2.45
The RiG LOST CIRCULATION	GEDA	
	SERV	ICE .
	DEPTH OF JOB 3437.5	3 : .
	PUMP TRUCK CHARGE	
	EXTRA FOOTAGE	@ :
	MILEAGE 25	
		@ 20000 NC 30000
	25	@ 4 NC +00
REPEYER		6//0/200
CHARGE TO: BEREX CO	•	2700
STREET		TOTAL
CITYSTATEZIP		•
CITYSTATEZIP	PLUG & FLOA	T EQUIPMENT
	1-AFU FlOAT Shoe	@332° 232°
	1-01 7002	@ 2832 2832
To Allied Cementing Co., LLC.	1-570P RING	@ 420 4200
You are hereby requested to rent cementing equipment	4-BASKETS	@ 1/8- 1/2-
and furnish cementer and helper(s) to assist owner or	98-TURBOLIZERS	@ 65 00 975 00
contractor to do work as is listed. The above work was	•	479700
done to satisfaction and supervision of owner agent or	" Çun	TOTAL LUOZ 00
contractor. I have read and understand the "GENERAL	0 A 1 D0 TA V /15 A A	7703-
TERMS AND CONDITIONS," listed on the reverse side.	SALES TAX (If Any)	To little
	TOTAL CHARGES 55705	翌 14915.45
PRINTED NAME / Lobus / Jami	DISCOUNT 24%	I IF PAID IN 30 DAYS
		1

SIGNATURE \_\_\_

Federal Tax I.D.# 20-5975804

REMITTO P.O. BOX 31 RUSSELL, KANSAS 67665

SERVICE POINT:

Root	onne, me	<u>1</u> 110 0100	3					K	4536	
DATE 12-24-11	SEC 6	TWP. S	RANGE 15		CALLED OUT	ON LOC	ATION		TART	IOB FINISH
HINES WIT	WELL# /	9-	LOCATION	C0.22		·····	·	COUN	SELL-	STATE -/S
OLD OK NEW (C		. /-		resicpe	121	<del></del>		IV NO	7800	1/45
OLD OKTOS (C	noio ono,		<u> </u>		· ·			J		
CONTRACTOR	Bereol	co ·			OWNER				*	
TYPE OF JOB		chon			-					
HOLE SIZE	73	-			CEMENT AMOUNT O		ع مرداد	ik_L	Ye G	COM
CASING SIZE	5:1	, D.L.			AMOUNT O	RDERED_	700	. 7	17111	STAC
TUBING SIZE	· · · · · · · · · · · · · · · · · · ·	DEP							· · · · ·	<del></del> ,,
DRILL PIPE	111	DEP								
TOOL MAY	_dv	. DEP			COMMON		,	6		•
PRES. MAX MEAS, LINE			IIMUM DE JOINT	A 401-2-	COMMON_ POZMIX			_@_ @	•	
CEMENT LEFT I	N CSG	84.26 F			GEL			@_		
PERFS.		0			CHLORIDE					
DISPLACEMENT	r	24.63 6	bu		ASC			_ @	•	
7		LPMENT			475	4	00	@/	500	600000
	EQU	YY TATTOTA Y						@		
DITA ED MIDT LOTE	OF ADAM	ED Oak	0.04	-1/	- FLO S	SEAL	100	@ 2	2,70	27000
PUMPTRUCK			Smit	Π	-			@_		
# 366 BULK TRUCK	HELPER	1500	Roller					@		
# 341	DRIVER	JAMES	· Hen	ICP				@ _		
BULK TRUCK	DICETER	JHVV	13.70	,,-(				@_		-
# 378	DRIVER	GREG	5 R,		- HANDLING		105	@_	2,25	911.25
	Robert				- HANDLING			— @ -	200	11/3.75
473	•				Mayage				mom.	00000
	KE: 6 65:	MARKS:		ن	, way any	14/15/0	•		TOTAL	, 000 10
				. Liping P.	 DEPTH OF PUMP TRU		3 <i>43</i> 7		- 2	22500
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CHARGE TO:					_			ı	TOTAI	2400
CITY						PLUG 8	& FLO	T EQ	UIPME	NT ·
					1-Tho	Edinois	たゲ	. @	7100	7100
					7/11/2	012001	14/	- @		
					•					
To Allied Ceme	-				,			@		
You are hereby										
and furnish cen								:		
contractor to do						•		:	ТОТА	L 7/00
done to satisfac		~		-	i de Se la la			:	10171	·
contractor. I ha						X (If Anv).				11600
TERMS AND	CONDITIO	ONS" liste	ed on the re	everse sid			499	<b>COO</b>	- 4	1/00
	/ 1.	100	4	1,	TOTAL CH			ا		700
· PRINTED NAM	IE 4500	4/1	spent		_ DISCOUN	т_ 248	6	!	_ IF PA	ID IN 30 DA
	L							1		
SIGNATURE								i		e e
SYCHALORCE _				<del>-</del>				į		•
								ı		

## ALLIED CEMENTING CO., LLC. 034536

Federal Tax I.D	0.# 20-5975804
REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERVICE POINT:
SEC. TWP. RANGE CA	ALLED OUT ON LOCATION JOB START JOB FINISH
DATE / - /0-2012 12 205 24W	3:00 PM 3:30 PM
LEASE HINES WELL #UNIT 19 LOCATION (MORNION	S, IE I N COUNTY STATE  ANSAS
OLD OR NEW (Circle one)	Y2W 3N IE 4V
CONTRACTOR COMPANY TOOL'S RONDY	OWNER NO
HOLE SIZE T.D.	CEMENT DID NOT USE
CASING SIZE 5 1/2 15 DEPTH TUBING SIZE DEPTH	AMPUNT ORDERED 125 SX 40 4% gel
TUBING SIZE DEPTH DRILL PIPE DEPTH	150 SX 40 4% gel 2% &C
TOOL DEPTH	KIICED MESK ACC TOPA
PRES. MAX MINIMUM 300 MEAS. LINE SHOE JOINT	COMMON YOLD /SO TITO
MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG.	POZMIX@ GEL @
PERFS. 1005	CHLORIDE @
DISPLACEMENT	ASC 75 SX UNIT'S @ 1900 1425,00
EQUIPMENT	
PUMPTRUCK CEMENTER (9) LOWN	@
PUMPTRUCK CEMENTER GILOUM  # 417 HELPER WOOD V	@@
BULK TRUCK	
# 473 DRIVER KON	@
BULK TRUCK # DRIVER	@ min
n DATE DATE	HANDLING 75 SX (m/N) @ 35 344.00
REMARKS:	MILEAGE 26 TONNILL @ 114 206.25  TOTAL 1975.25
· · · · · · · · · · · · · · · · · · ·	
Lasa Cer d Porta Inac Lucha	1875
LORD CSG, Co PERF@ 1005, Pumper	SERVICE
OF 3 BPM/@ 300 IT (NO-RETURNS)	815.25
OF 3 BPM/@ 300 IF (NO-RETURNS) DECIDE TO CEMENT OFF PERF	DEPTH OF JOB
INTO & GOT IN SECTION RATE OF 3 BPM/@ 300 IF (NO-RETURNS) DECIDE TO CEMENT OFF PERF W/ 75 SX ASC, INSTEED OF GO BLEAD.	DEPTH OF JOB PUMP TRUCK CHARGE /050, 050
INTO 4 GOT IN SECTION RATE OF 3 BPM/@ 300 IF (NO-RETURNS) DECIDE TO CEMENT OFF PERF W/ 75 SX ASC, INSTEED OF GO BLEND. LOAD CSG, Y CUMPUD 2BPM @ 200 IF MILLO 75 SX ASC, RELESSE RUBGER	DEPTH OF TOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE 100' @ 954 665 00  MILEAGE 25 HV INT @ 7.00 175,00
INTO & GOT TO SECTION RATE OF 3 BPM/@ 300 IF (NO-RETURNS) DECIDE TO CEMENT OFF PERF W/ 75 SX ASC, INSTEED OF GO BLEND, LOAD CSG, & Pumple 2BPM@ 200 IF MILLS 75 SX ASC, Release ROBGER Plug, & Displaced To 900'(21, 12 BBL)	SERVICE  DEPTH OF TOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE 100' @ 95 4 665 00  MILEAGE 25 HV INT @ 7.00 175,00  MANIFOLD 5/2 Head 2 @ - NC -
INTO & GOT TO SECTION RATE  OF 3 BPM/@ 300 IF (NO-RETURNS)  DECIDE TO CEMENT OFF PERF  W/ 75 SX ASC, INSTEAD OF GO BLEAD,  LOAD CSG, & lumper 2 BPM @ 200 III  MILE 7.5 SX ASC, Release ROBGER  Plug, & Displaced To 900 (21, 12 BRL)  ILO HAD MAX PRESSURE, OF SPORT	SERVICE  DEPTHOPJOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE 100' @ 95 4 665,00  MILEAGE 25 HV INT @ 7.00 175,00  MANIFOLD 5/2 Head 2 @ - NC -
INTO A GOT TON SECTION RATE OF 3 BPM/@ 300 IF (NO-RETURNS) DECIDE TO CREMENT OFF PERF W/ 75 SX ASC, INSTEED OF GO BLEAD, LORD CSG, A PUMPUD 2 BPM @ 200 III MILLO 75 SX ASC, Release RUBGER Plug, A Displaced To 900 (21, 42 BRL) HZO, HAD MAX PRESSURE OF SECTE SHUT IN @ APPROX. 50 H, THANK'S	SERVICE  DEPTHOPJOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE 100' @ 95 4 665,00  MILEAGE 25 HV INT @ 7.00 175,00  MANIFOLD 5/2 Head 2 @ - NC -
INTO A GOOT TO SECTION RATE  OF 3 BPM @ 300 IF (NO-RETURNS)  DECIDE TO CEMENT OFF PERF  W/ 75 SX ASC, INSTEED OF GO BLEAD,  LORD CSG, Y PUMPUD 2BPM @ 200 IF  MILLS 75 SX ASC, RELEASE ROBGER  PLUG, & DISPISCED TO 900 (21, 42 BRL)  HZO, HAD MAX PRESSURE OF SEXIFT  SHUT IN @ APPROX. 50 H, THANK'S  CHARGE TO: DEREXCO L.C.	SERVICE  DEPTH PIOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE 100' @ 954 665,00  MILEAGE 25 HV MT @ 7.00 175,00  MANIFOLD 52 Head E @ NC  25 LV MT @ NC +-00
INTO & GOT IN SECTION RATE  OF 3 BPM @ 300 IF (NO-RETURNS)  DECIDE TO CEMENT OFF PERF  W/ 75 SX ASC, INSTEED OF GO BLEAD.  LOAD CSG, & CUMPUD 2BPM @ 200 III  MIXED 75 SX ASC, Release ROBGER  Plug, & Displaced To 900 (21, 42 BRL)  H20, HAD MAX PRISSURE OF SEXTE  SHUT IN @ APPROX. 50 H, THANK'S  CHARGETO: DEREXCO LLC,  STREET	SERVICE  DEPTHOPJOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE 100' @ 95 4 665,00  MILEAGE 25 HV INT @ 7.00 175,00  MANIFOLD 5/2 Head 2 @ - NC -
INTO A GOOT TO SECTION RATE  OF 3 BPM @ 300 IF (NO-RETURNS)  DECIDE TO CEMENT OFF PERF  W/ 75 SX ASC, INSTEED OF GO BLEAD,  LORD CSG, Y PUMPUD 2BPM @ 200 IF  MILLS 75 SX ASC, RELEASE ROBGER  PLUG, & DISPISCED TO 900 (21, 42 BRL)  HZO, HAD MAX PRESSURE OF SEXIFT  SHUT IN @ APPROX. 50 H, THANK'S  CHARGE TO: DEREXCO L.C.	SERVICE  DEPTH OF JOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE 100' @ 95 4 665.00  MILEAGE 25 HV MT @ 7.00 175.00  MANIFOLD 5/2 Head E @ N C 1/2 - 00  O TOTAL 189000
INTO OF GOT TATECTION RATE  OF 3 BPM @ 300 IF (NO-RETURNS)  DECIDE TO CEMENT OFF PERF  W/ 75 SX ASC, INSTEED OF GO BLEAD,  LOAD CSG, I CUMPLED 2BPM @ 200 III  MINO 75 SX ASC, Release ROBGER  Plug, & Displaced To 900' (21, 12 RRL)  HAD MAX PRISSURE OF SOCIET  SHUT IN @ APPROX. 50 HF, THANKE  CHARGE TO: DEREXCO L.C.  STREET  CITY STATE ZIP	SERVICE  DEPTH OF JOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE 100' @ 95 4 665,00  MILEAGE 25 HV MT @ 7.00 175,00  MANIFOLD 52 Head 2 @ - NC -
INTO A GOOT TAY SecTION RATE  OF 3 BPM @ 300 IF (NO-RETURNS)  DECIDE TO CEMENT OFF PERF  W/ 75 SX ASC, INSTEED OF GO BLEAD,  LORD CSG, Y PUMPUD 2BPM @ 200 IF  MILLS 75 SX ASC, Release RUBGER  Plug, & Displaced To 900 (21, 42 BRL)  HZO, HAD MAX PRESSURE OF SEXIFT  SHUT IN @ APPROX. 50 H, THANK'S  CHARGE TO: DEREXCO L.C.  STREET  CITY STATE ZIP	SERVICE  DEPTH FIOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE 100' @ 95 4 665,00  MILEAGE 25 HV MT @ 7.00 175,00  MANIFOLD 512 Head E @ NC - NC
INTO A GOOT TA SecTION RATE  OF 3 BPM/@ 300 IF (NO-RETURNS)  DECIDE TO CEMENT OFF PERF  W/ 75 SX ASC, INSTEED OF GO BLEAD,  LOAD CSG, & PUMPUD 2BPM @ 200 III  MILED 75 SX ASC, Release ROBGER  Plug, & Displaced To 900'(21, 12 BBL)  HZO, HAD MAX PRISSURE OF SEXTE  SHUT IN @ APPROX. 50 H, THANK'S  CHARGE TO: DEREXCO L.C.,  STREET  CITY STATE ZIP  RUN TEMP SURVEY  IN MORALING,	SERVICE  DEPTH OF JOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE 100' @ 95 4 665 00  MILEAGE 25 HV MT @ 7.00 175,00  MANIFOLD 52 Head 2 @ NC -
INTO A GOOT TO SECTION RATE  OF 3 BPM @ 300 IF (NO-RETURNS)  DECIDE TO CEMENT OFF PERF  W/ 75 SX ASC, INSTEAD OF GO BLEAD,  LOAD CSG, A PUMPUD 2BPM @ 200 III  MINIO 75 SX ASC, Release ROBGER  Plug, A Displaced To 900' (21, 12 RRL)  HIS HAD MAX PRISSURE OF SOCIET  SHAT IN @ APPROX. 50 III,  CHARGE TO: DEREXCO L.C.  STREET  CITY STATE ZIP  TO Allied Cementing Co., LLC.	SERVICE  DEPTH FIOR  PUMP TRUCK CHARGE  EXTRA FOOTAGE 100' @ 95 4 665.00  MILEAGE 25 HV MT @ 7.00 175.00  MANIFOLD 5/2 Head 6 @ - AC -
INTO A GOOT TO SECTION RATE  OF 3 BPM @ 300 IF (NO-RETURNS)  DECIDE TO CEMENT OFF PERF  W/ 75 SX ASC, INSTEAD OF GO BLEND,  LOAD CSG, A lumped 2BPM @ 200 III  MILE 7.5 SX ASC, Release ROBGER  Plug, A Displaced To 900 (21, 12 RRL)  HIS HAD MAX PRESSURE OF SOUTH  SHUT IN @ APPROX. 50 IF, THANK'E  CHARGE TO: DEREXCO L.C.  STREET  CITY STATE ZIP  TO Allied Cementing Co., LLC.  You are hereby requested to rent cementing equipment	SERVICE  DEPTH OF JOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE 100' @ 95 4 665 00  MILEAGE 25 HV MT @ 7.00 175,00  MANIFOLD 52 Head 2 @ NC -
INTO A GOOT TO SECTION RATE  OF 3 BPM @ 300 IF (NO-RETURNS)  DECIDE TO CEMENT OFF PERF  W/ 75 SX ASC, INSTEAD OF GO BLEAD,  LOAD CSG, A PUMPUD 2BPM @ 200 III  MINIO 75 SX ASC, Release ROBGER  Plug, A Displaced To 900' (21, 12 RRL)  HIS HAD MAX PRISSURE OF SOCIET  SHAT IN @ APPROX. 50 III,  CHARGE TO: DEREXCO L.C.  STREET  CITY STATE ZIP  TO Allied Cementing Co., LLC.	SERVICE  DEPTHOPTOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE 100' @ 954 665,00  MILEAGE 25 HV MT @ 7.00 175,00  MANIFOLD 5/2 Head E @ A C
INTO A GOT TATECTION ROTE  OF 3 BPM/@ 300 IF (NO-RETURNS)  DECIDE TO CEMENT OFF PERF  W/ 75 SX ASC, TASTED OF GO BLEDD.  LORD CSG, A fumfup DBPM O JOOH  MIKED 7.5 SX ASC, Release ROBGER  Plug, A Displaced To 900 (21, 12 BRL)  HIS HAD MAX PRISSURE OF SOCHE  SHAT IN @ APPROX. 50 H, THANK'S  CHARGE TO: DEREXCO LLC.  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	DEPTH BODE  PUMP TRUCK CHARGE  EXTRA FOOTAGE 100' @ 954 665 00  MILEAGE 25 HV MT. @ 7.00 175,00  MANIFOLD 5/2 Head & @ - NC - OC
INTO A GOT TON TECTION ROTE  OF 3 BPM/@ 300 IF (NO-RETURNS)  DECIDE TO CEMENT OFF PERF  W/ 75 SX ASC, INSTEED OF GO BLEAD,  LOGD CSG, I PUMPUD BRM @ JOOHE  MIXED 75 SX ASC, Release ROBGER  PLUG, A DISPLOED TO 900 (21, 12 PR)  HAD MAX PRESSURE OF SCATE  SHIT IN @ APPROX. 50 H, THANK'S  CHARGE TO: DEREXCO LLC.  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"	SERVICE  DEPTHUTIOB PUMP TRUCK CHARGE EXTRA FOOTAGE 100' @ 95 4 665 00 MILEAGE 25 HV MT @ 7.00 175,00 MANIFOLD 52 Head E @ - AC - 25 LV MT @ A/C + 000  PLUG & FLOAT EQUIPMENT  S Solid Rueser Plug 51.00  @  TOTAL 51,00  TOTAL 51,00
INTO A GOT TATECTION ROTE  OF 3 BPM/@ 300 IF (NO-RETURNS)  DECIDE TO CEMENT OFF PERF  W/ 75 SX ASC, TASTED OF GO BLEDD.  LORD CSG, A fumfup DBPM O JOOH  MIKED 7.5 SX ASC, Release ROBGER  Plug, A Displaced To 900 (21, 12 BRL)  HIS HAD MAX PRISSURE OF SOCHE  SHAT IN @ APPROX. 50 H, THANK'S  CHARGE TO: DEREXCO LLC.  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	SERVICE  DEPTHORIOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE 100' @ 95 4 665.00  MILEAGE 25 HV MT. @ 7.00 175.00  MANIFOLD 5/2 Head & - NC - 100  WALLE TOTAL 189000  PLUG & FLOAT EQUIPMENT  SOLID RUBBER Plug 51.00  @  TOTAL 51.00  TOTAL 51.00  SALES TAX (If Any)
INTO & GOOT TON TECTION ROTE  OF 3 BPM & 300 IF (NO-RETURNS)  DECIDE TO CEMENT OFF PERF  W/ 75 SX ASC, INSTEED OF GO Blead.  LORD CSG, Younged BRM & JOOH  MIKED 7.5 SX ASC, Release Robber  Plug, & Displaced To 900' (21, 12 BR)  HAD MAX PRESSURE OF SCOTE  SHUT IN @ APPROX. 50 IF, THONK!  CHARGE TO: DEREXCO L.C.  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.	SERVICE  DEPTH OF TOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE 100' @ 954 665 00  MILEAGE 25 HV MT @ 7.00 175,00  MANIFOLD 5/2 Head E @ - A/C - A
INTO A GOT TON TECTION ROTE  OF 3 BPM/@ 300 IF (NO-RETURNS)  DECIDE TO CEMENT OFF PERF  W/ 75 SX ASC, INSTEED OF GO BLEAD,  LOGD CSG, I PUMPUD BRM @ JOOHE  MIXED 75 SX ASC, Release ROBGER  PLUG, A DISPLOED TO 900 (21, 12 PR)  HAD MAX PRESSURE OF SCATE  SHIT IN @ APPROX. 50 H, THANK'S  CHARGE TO: DEREXCO LLC.  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"	SERVICE  DEPTHORIOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE 100' @ 95 4 665.00  MILEAGE 25 HV MT. @ 7.00 175.00  MANIFOLD 5/2 Head & - NC - 100  WALLE TOTAL 189000  PLUG & FLOAT EQUIPMENT  SOLID RUBBER Plug 51.00  @  TOTAL 51.00  TOTAL 51.00  SALES TAX (If Any)
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# ALLIED CEMENTING CO., LLC. 034537 Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31 RUSSBUZ, KANSAS 67665	SERVICE POINT:
	ALLED OUT ON LOCATION JOB START JOB FINISH
LEASE WELL WAIT 19X LOCATION TON HOLD A	(S, 1E // 4 W) COUNTY STATE  KUSSELL XMSAS
CONTRACTOR CO ZOCIS (RRIDY)	$\frac{3\sqrt{15^{4}}}{\text{OWNER}}$
HOLE SIZE TD.	CEMENT
CASING SIZE 5 2 1,5 # DEPTH TUBING SIZE DEPTH	AMOUNT ORDERED 200 SX 40 46 gel
DRILL PIPE 85/85 AFRE DEPTID 3/0	4.000
PRES. MAX 300 # MINIMUM	COMMON 120 sx @ 16 25 1950,00
MEAS. LINE , SHOE JOINT	POZMIX 80 sx @ 8,50 680,00
PERFS. © 653 PERF-TECH ST	GEL 7 SX @ 21, 25 148, 75
DISPLACEMENT 13 18 RB L	CHLORIDE 4 Sy @ 58,20 232,80 ASC @
EQUIPMENT 553.	@
PUMPTRUCK CEMENTER GLERA	}@
# 4/) HELPER WOODY	@
BULK TRUCK	
# 378 DRIVER KON BULK TRUCK	
# DRIVER	
	MILEAGE 25 TON MILE @ 114 550,00
REMARKS:	drayage 5,000 TOTAL 4011,55
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But No Circulation. MINED 2005 X 40 45 45	The state of the s
	PUMP TRUCK CHARGE 300 1050 1050 1050 1050 1050 1050 1050
ShuTING 100#, Had APPROX 18Pm	MILEAGE 25 HU @ 250 -NC-
ROTURNS AT END AFFROX HAD DRLG. MUD IN RETURNS TO PIT.	MANIFOLD Head C @ 25000 -NC-
0	- ht [
CHARGE TO: Derexon L/C.	
STREET	TOTAL 1385, 35
CITYSTATEZIP	DI HC 9. DI OAT POHIDATEAU
··	Solid Rubber Plug 51,00
m . W . I G	·
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	mamus «I m
done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL	TOTAL 5/,00
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)
	TOTAL CHARGES 5442.90
PRINTED NAME	DISCOUNT 34% IF PAID IN 30 DAYS
Levy M.	House and the same of the same
SIGNATURE Johns Mann	

# ALLIED CEMENTING CO., LLC. 042392 Federal Tax I.D.# 20-5975804

REMIT TO P.O. BO RUSSI	OX 31 ELL, KA	NSAS 676	ean Allied Ceme65		SZ  ns and condition at term on the fre	RVICE POINT:	Bound, 1
DATE 1-16-12	SEC/	TWP	RANGE _ W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH 3:00 fh
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CONTRACTOR	R	erex		OWNER	Fore	vini e la lang lis 10	
TYPE OF JOB	7	00 0	F manani dana	applicable law. If any	ree to pay under	STOMER may as	interest that CU
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CASING SIZE	mort gu	DE	ducted from HTT	AMOUNT O	RDERED X	5 9K9 6	0/40
TUBING SIZE	and CUS	DE	PTH stag side loss	DOZ /	1º/2 91/	10/0 CC	de golige silt lis
DRILL PIPE	bing for	DE	EPTH	In this contract are no	ounts granted wi	Happly Any disc	idansas taw shii
TOOL	ic terms t		PTH (d see mad see	proceeding between the	y legal action or	1, 75	14/ - 50
PRES. MAX	5 10s 19vo:		NIMUM	COMMON_	70	@ /6-	1766
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CEMENT LEFT IN	CSG.	et inigenza	o Igani atata irasi	GEL CHLORIDE	A 5 mces at	6 5820	17460
PERFS. DISPLACEMENT	the auote	et deded to	by ALLIED shalf-l	ASC ASC	ne amount of tax	@	merchandise or
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cessary to employ a	оп этпор	hould it be	( P	oor or inadequate road	so because of p	@	SWORLD VICES
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	HELPER	<u></u>	)4517u	od paid by CUSTON	be charged to an	@	or, if fernished
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	DRIVER			tace) adtas harringas a	1/0	@ 125	21,50
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	٨			NIN	70 17	@ 4.60	70/0
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CHARGE TO:	00	QCO.	orbio Barlo MAMO	at the landing. CHET		TOTAL	1300.2
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To Allied Cement	ing Co	LIC		replacement, or allow	limited to repair.	<u> </u>	under this war
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### 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

Region: MIDCONTINENT Spud Date: 12-18-2011 Drilling Completed: 12-23-2011

Surface Coordinates: 1650' FSL & 2310' FEL

**Bottom Hole** 

Coordinates:

K.B. Elevation (ft): 1926 Ground Elevation (ft): 1915 To: 3440 Logged Interval (ft): 2500 Total Depth (ft): 3440

Formation: LKC & ARBUCKLE

Type of Drilling Fluid: WATER

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

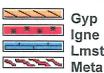
### Comments

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

#### Anhy TATATATATA **Bent** Brec AAAAA Cht

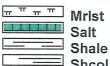


Clyst Coal Congl Dol

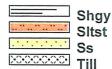


Igne Lmst

**ROCK TYPES** 



Shcol



### **ACCESSORIES**

MINERAL Anhy  $\mathbb{Z}$ Arggrn -Arg В **Bent**  $\setminus$ Bit ß **Brecfrag** T Calc = Carb ▲ Chtdk Chtlt

11 Gyp 7 Hvymin K Kaol П Marl \* Minxl Θ Nodule 00 Phos Р Pyr  $\blacksquare$ 

Salt

Silt

Sandy

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FOSSIL Algae Amph P Belm  $\bigcirc$ Bioclst ᡧ Brach  $\Upsilon$ Bryozoa B Cephal A

Coral

Crin

Echin

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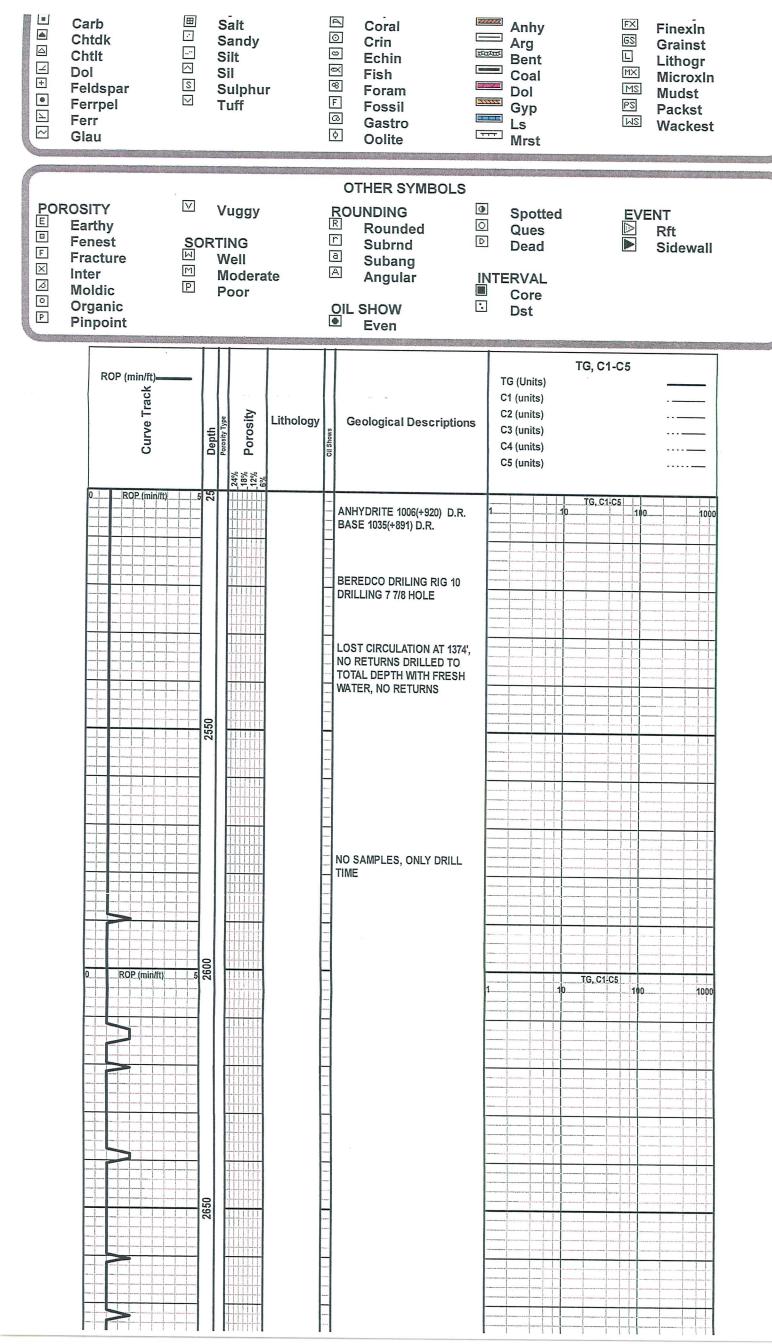
8

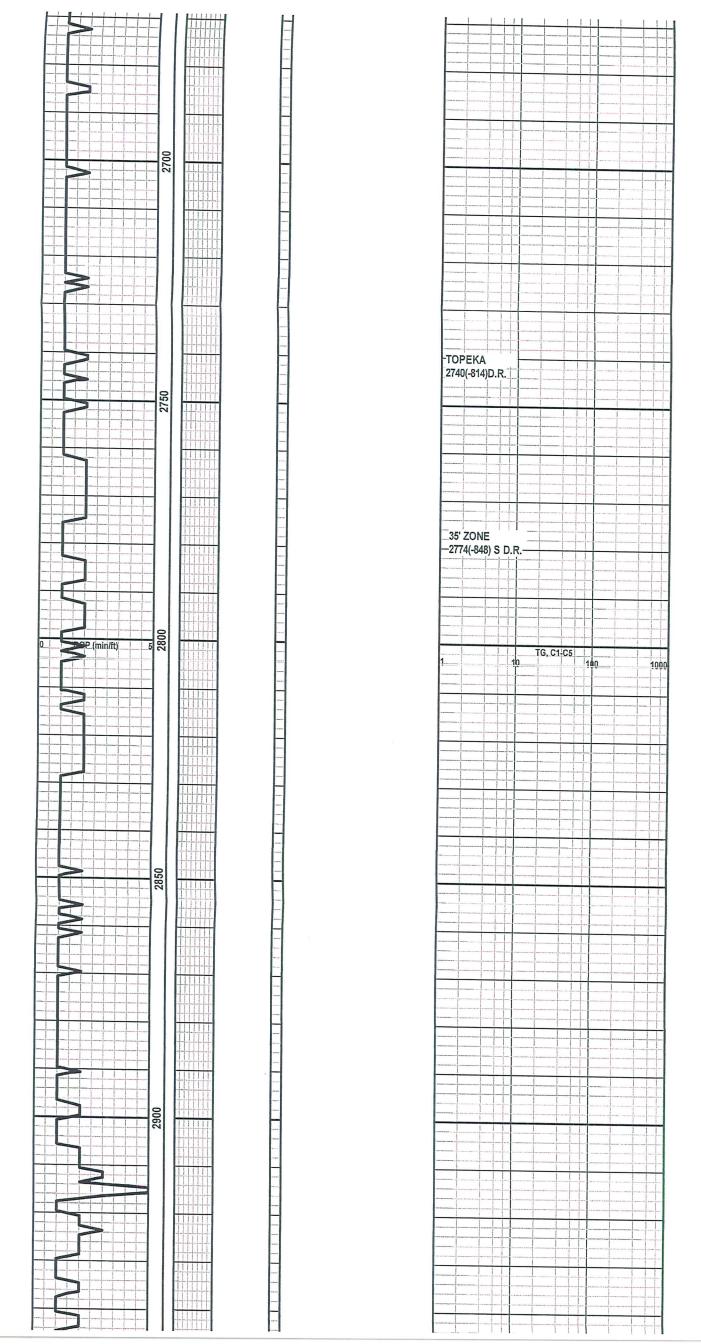
 $\odot$ Ostra  $\overline{\nabla}$ Pelec ø Pellet ÷ **Pisolite** Ø Plant Strom

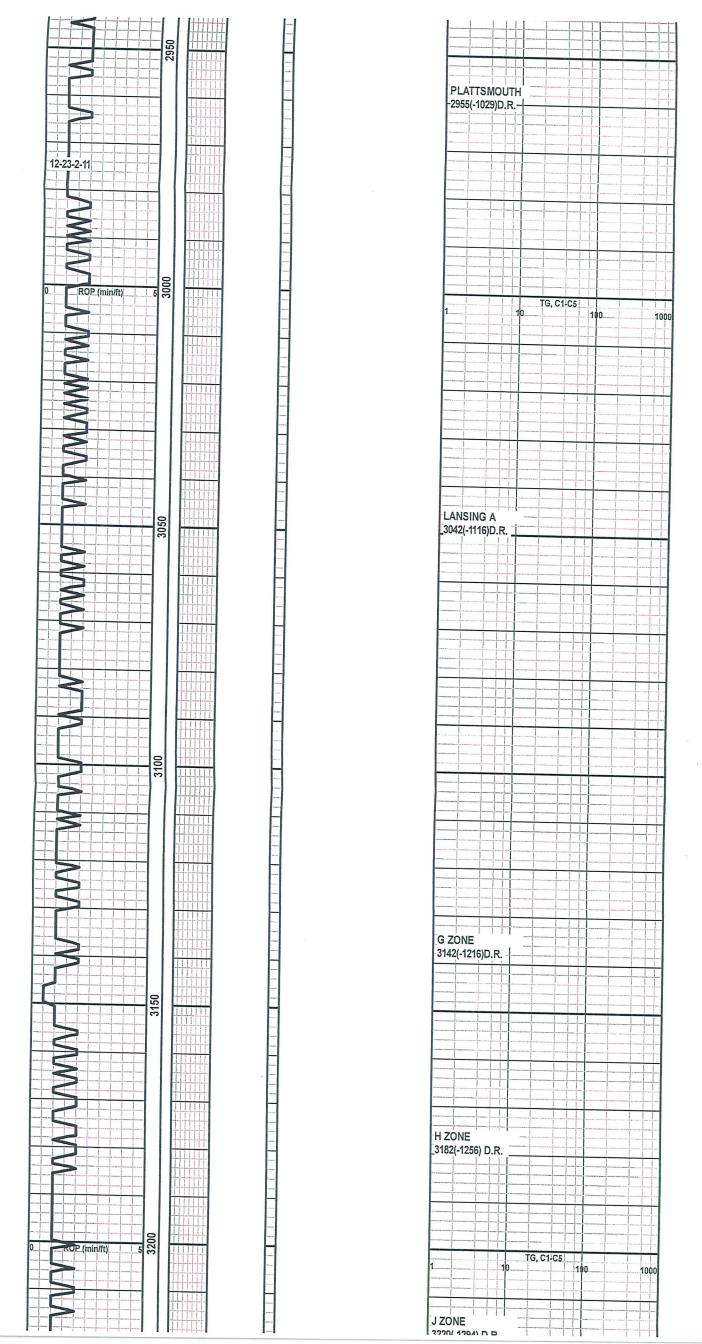
Ssstrg TEXTURE BS **Boundst** C Chalky CX CryxIn 9 Earthy

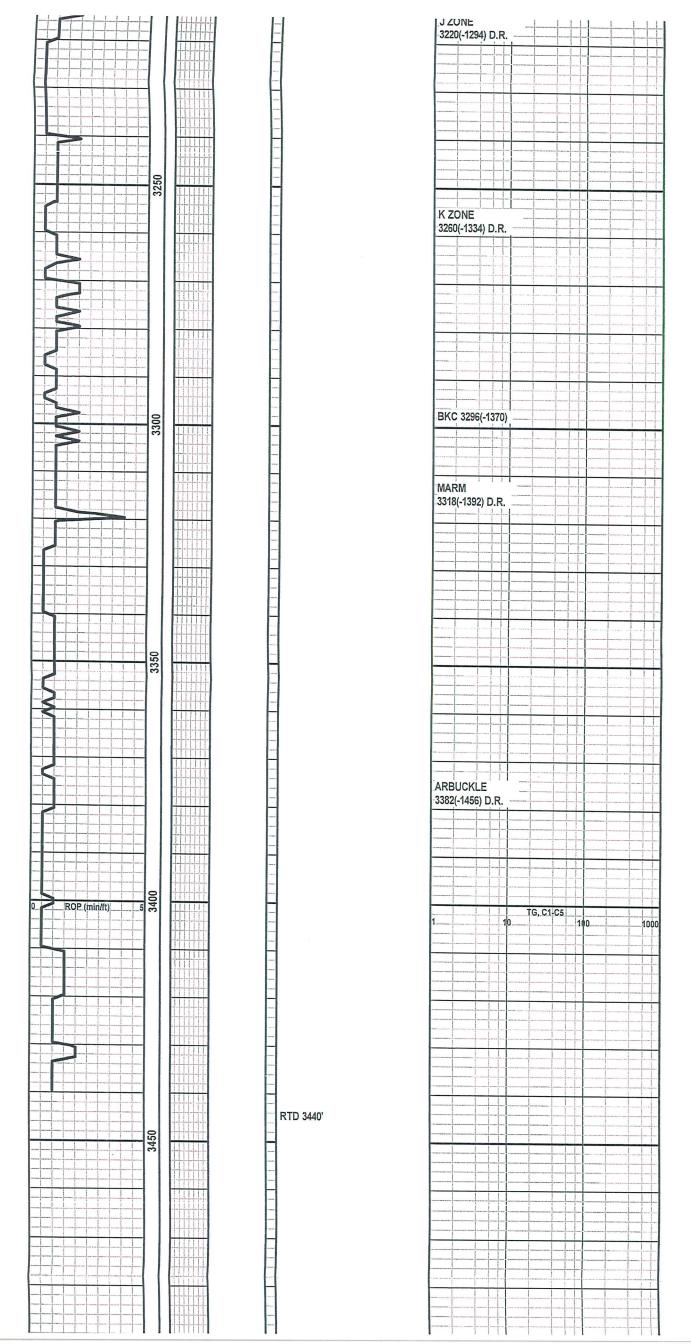
Sltstrg

STRINGER  $\mathsf{F} \mathsf{X}$ Anhy FinexIn GS Arg Grainst TUTIT L Lithoar









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RTD 3440'	RTD 3440'
	ARBUCKLE 3382(-1456) D.R.
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	1000