

Kansas Corporation Commission Oil & Gas Conservation Division

1074672

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
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 #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	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: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I III Approved by: Date:

Side Two



Operator Name:			Lease Name	e:			_ Well #:	
Sec Twp	S. R	East West	County:					
time tool open and clos	sed, flowing and shut s if gas to surface tes	I base of formations per in pressures, whether set, along with final chart well site report.	shut-in pressure	reached s	static level,	hydrostatic press	sures, bottom h	ole temperature, fl
Orill Stem Tests Taken (Attach Additional S		Yes No		Log	Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolo		☐ Yes ☐ No	N	lame			Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)	I Electronically	Yes No Yes No Yes No						
List All E. Logs Run:			RECORD [Used			
	Size Hole	Report all strings set- Size Casing	-conductor, surface Weight		ate, producti Setting	on, etc. Type of	# Sacks	Type and Percen
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.		Depth	Cement	Used	Additives
		ADDITIONA	L OFMENTING (00115575	DECORD			
		ADDITIONA	L CEMENTING / :	SQUEEZE	RECORD			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	d		Type and F	Percent Additives	
Shots Per Foot		ON RECORD - Bridge Plu ootage of Each Interval Pe				cture, Shot, Cement mount and Kind of Ma	•	d Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Line	r Run:	Yes No		
Date of First, Resumed I	Production, SWD or ENI	HR. Producing Me	thod:	Gas Li	ift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf	Water	В	bls. (Gas-Oil Ratio	Gravity
DISPOSITIO	Used on Lease	Open Hole	METHOD OF COM	MPLETION: ually Comp omit ACO-5)	. Cor	nmingled mit ACO-4)	PRODUCTIO	ON INTERVAL:
(If vented, Sub	mit ACO-18.)	Other (Specify) _						

Form	ACO1 - Well Completion
Operator	H & B Petroleum Corp.
Well Name	Hagelgantz 34-1
Doc ID	1074672

All Electric Logs Run

Dual Induction
Dual Compensated Porosity
Microresistivity
Sonic Porosity
Cement Bond

Form	ACO1 - Well Completion
Operator	H & B Petroleum Corp.
Well Name	Hagelgantz 34-1
Doc ID	1074672

Tops

Name	Тор	Datum
Anhydrite	1405	
Heebner	3597	
Toronto	3617	
Lansing	3641	
Base Kansas City	3921	
Fort Scott	4091	
Cherokee	4114	
Mississippi	4185	

REMIT TO P.O. E	BOX 31 SELL, KANSAS 676		N IIV G x I.D.# 20-5975804		VICE POINT:	
	SEC. TWP. 175	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
DATE 8-17-2011	34 175	210	1-	A 37 29	COUNTY	STATE
Hagelgantz LEASE	WELL# 34-1	LOCATION A / Ed	ender 25 3 u	to HHRZ	Ness	HS ACS
OLD OR NEW (Ci	ircle one)	In to 1800d				- n /n
TYPE OF JOB 5	35/8 23# DE		OWNER 14	+B Petrolen		lo ce Zyosel
DRILL PIPE 4		PTH 274		2 0 0 0 0 0 0	?	
TOOL		PTH	2			44
PRES. MAX	MI	NIMUM	COMMON_	700	@ 14.25	3250.00
MEAS. LINE		OE JOINT	POZMIX _		@	
CEMENT LEFT II	N CSG. 1584		GEL	4	@ 21.25	85.00
PERFS.	9 1 . 1		_ CHLORIDE	_7		407.40
DISPLACEMENT	*Kreshwateo		ASC			-0
	EQUIPMENT				@ @	
	PNE	村民 江初年			_ @	
	CEMENTER _ Bob	, 62		E a la company	@	A STATE OF THE STATE OF
	HELPER Dong	K	COLUMN TO THE REAL PROPERTY.		@	
BULK TRUCK	DRIVED /				@	
	DRIVER Kein	ω ,			@	<u> </u>
BULK TRUCK	DRIVER				@	75
#	DRIVER		HANDLING	211	@ 2.25	557.04
	1 (300		MILEAGE 3	211 24 × 24 × .11		
mud, moz 70 with 3166/ wa	REMARKS: n bocast excul- 2052 Common 3 ater, Cement	Goc Zagel	<u></u>	SERV		4774.19
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dain.		0		CK CHARGE	1125	. 20
			_ EXTRA FOO	Water State of the Land of the	@ 	334.00
			MILEAGE _	A-1	_ @ <u></u>	336
		LEUM CO	MANIFOLD	48	@4.00	192.00
				× 1	@	
CHARGE TO:	+B Pagetocl	enm		ACCI	TOTAL	1653. 05
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To Allied Cemen	nting Co., LLC.				LATER OF THE PARTY	
	requested to rent cer		And the second s			
	enter and helper(s)				DATE DE	
	work as is listed. T				TOTAL	
done to satisfacti	ion and supervision	of owner agent or	<u>.</u>		IOIAI	
	e read and understa			(If Any)		
TERMS AND C	ONDITIONS" liste	d on the reverse sid	IC.		1.19	
	o Willian	Sallow	TOTAL CHA	ARGES 6.427	1,95	
PRINTED NAME	o Willian	n Janous	DISCOUNT		IF PA	ID IN 30 DAYS

PRINTED NAME & William Sanders
SIGNATURE & William School
Whian H you L

ALLIED CEMENTING CO., LLC. 038163 Federal Tax I.D.# 20-5975804

RUSSELL, KANSAS 67665		. /	OINT:	ν
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	./ V	- 20.00	TY S	7 ,30,7 m Gate
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OLD OR NEW (Circle one) 4 N 12 W	Y4 N INTO			
CONTRACTOR SOLTHWIND DAY, Rig #2	OWNER			
TYPE OF IOP OA ALL 9 -ALLO		W. A. (4000000000000000000000000000000000000	- Anna Grand Communication of the Communication of	
HOLESIZE 7 7/8 T.D. 4300 ""	CEMENT	150	1 1	ดส
CASING SIZE 41/2 New DEPTH 4299	AMOUNT ORDERED_		ong 1/	02solt
DRILL PIPE DEPTH DEPTH	95 94-48 4	2% GeL 6GeL (SC	AVOUERE	of Anous A
TOOL PORT COLLAR DEPTH 1418	on to			
PRES. MAX 15 00 MINIMUM	COMMON 20			3363,75
MEAS. LINE SHOE JOINT 19	POZMIX 38	·@	Pro	323,00
CEMENT LEFT IN CSG. 19	GEL <u>C</u>	@ 		127.50
PERFS. DISPLACEMENT 68 BBL	ASC			
EQUIPMENT		@_		
DQOURINATION OF THE PARTY OF TH	Salt 13			311.35
PUMP TRUCK CEMENTER Gleny		@ @		
# 4/17 HELPER WOOD!				
BULK TRÚCK			1.70	
# 493 DRIVER YOU	*			
BULK TRUCK # 308 DRIVER Walt	77		2,24-	5911-6
" 37/6 SMI BOJ	HANDLING 26 MILEAGE 11/56	/LL (20)		580,50
REMARKS:	MILENOE - 11/21/2		- Committee of the Comm	5300,40
of Recieved Circulation, Circ. "HR.	PEIXER OF TOP	E0557	Mississif	a sund
MILED-1505X Com 10% SALT, 226EL, Cleuk-Li	WEPUMP TRUCK CHARC	E open	Lalpeal	222510
educe Plan & Displace 68/BBL H2" LAND	EXTRA FOOTAGE	@		
	DA HAT OUT TOD			
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LATCH Down Plug is SOO IT Release of HELD 305X0 Rathole HANK'S	MILEAGE 5	/S @] @	verti di	28000
LATCH DOWN Plug & 1500 # Release of HeLD	MILEAGE 5	/S @] @), 03 /, w	78.2 5 X
LATCH Down Plug & SOO # Release of HELD 305X@Rathole /HANK'S	MILEAGE 5	\(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\)	// w	16002
CHARGE TO: H & B TETROLEUM	MILEAGE 5	\(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\)	// w	16002
LATCH Doubly Plug & SOO # Release of HELD 305X@Rathole HANK'S	MILEAGE 5	\(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\)	// w	16000
CHARGE TO: H & B TETROLEUM	MILEAGE S	\(\sum_\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tin}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tetx{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tin\tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tinte\text{\text{\text{\text{\text{\text{\tin}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}\tint{\text{\text{\texi}\text{\texititt{\text{\texit{\text{\tetitx}\\\ \tittt{\text{\texi}\text{\texit{\texi}\text{\texi}\text{\texi}\tilint{\text{\texit{\texi{\texi{\texi{\texi{\texit{\texi}	TOTAL	160°2
CHARGE TO: H & B TETROLEUM STREET	MILEAGE S	\(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\)	TOTAL	160°2
CHARGE TO: H & B PETROLEUM STREET CITY STATE LATCH Double Plug & SOO # Release of Held HANK'S HANK'S PETROLEUM STREET CITY STATE ZIP	MILEAGE S	\(\sum_\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tin}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tetx{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tin\tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tinte\text{\text{\text{\text{\text{\text{\tin}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}\tint{\text{\text{\texi}\text{\texititt{\text{\texit{\text{\tetitx}\\\ \tittt{\text{\texi}\text{\texit{\texi}\text{\texi}\text{\texi}\tilint{\text{\texit{\texi{\texi{\texi{\texi{\texit{\texi}	TOTAL	160°2
CHARGE TO: H & B TETROLEUM STREET CITY STATE ZIP	MILEAGE S MANIFOLD S PLUG & R Floreshoe	S PLOAT EQU	TOTAL	160°2 2665°09 T
CHARGE TO: H & B TETROLEUM STREET CITY STATE ZIP	MILEAGE S MANIFOLD S PLUG & R Floorshoe R Lacht Dawfler A Contraliger	FLOAT EQUE	TOTAL JIPMENT	160°2 2665°09 163,00 306,00
To Allied Cementing Co., LLC.	PLUG & R Floorshoe R Latifly Durthy A CENTRALS CR 4-Boskets	FLOAT EQUES (0)	TOTAL JIPMEN	160°2 2665°09 163,00
To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or	PLUG & R Floorshoe R Latifly Durthy A CENTRALS CR 4-Boskets	FLOAT EQUE	TOTAL JIPMENT	160°2 2665°09 163,00 306,00
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	PLUG & R Floorshoe R Latifly Durthy A CENTRALS CR 4-Boskets	FLOAT EQUES (0)	TOTAL JIPMEN	16002 266500 163,00 306,00 756,00
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	PLUG & R Floorshoe R Latifly Durthy A CENTRALS CR 4-Boskets	FLOAT EQUES (0)	TOTAL JIPMENT	16002 266500 163,00 306,00 756,00
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	PLUG & R Floorshoe R Latifly Durthy A CENTRALS CR 4-Boskets	FLOAT EQUES (0)	TOTAL JIPMEN	16002 266500 163,00 306,00 756,00
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.	PLUG & REPOSESTOR PLUG & REPOSESTOR PLUG & REPOSESTOR PLUG & PL	FLOAT EQUES (0)	TOTAL JIPMENT JY, w FS, w TOTAL	16002 266500 163,00 306,00 756,00
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.	PLUG & REPORT Shore REPORT Shore REPORT SHORE Y-BOSKET'S J-PORT - College SALES TAX (If Any) TOTAL CHARGES	/S @	TOTAL JIPMENT JY, w F3, w TOTAL	16000 266500 163,00 306,00 756,00 1740,00
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.	PLUG & REPOSESTOR PLUG & REPOSESTOR PLUG & REPOSESTOR PLUG & PL	/S @	TOTAL JIPMENT JY, w F3, w TOTAL	16002 266500 163,00 306,00 756,00
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	PLUG & REPORT Shore REPORT Shore REPORT SHORE Y-BOSKET'S J-PORT - College SALES TAX (If Any) TOTAL CHARGES	/S @	TOTAL JIPMENT JY, w F3, w TOTAL	16000 266500 163,00 306,00 756,00 1740,00

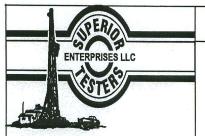
ALLIED CEMENTING CO., LLC. 038274 Federal Tax I.D.# 20-5975804

1600 0 0 1933

RUSSELL, KANSAS 67665			SERVIC	E POINT:	ell
DATE \$ /21/11 58 /75 21 W	ALLED OUT	ON LOCA		B START	JOB FINISH
Hagelgante WELL # 34-1 LOCATION Alexa.	rde 3 h	· N	4 0	UCS	STATE
OLD OR NEW (Circle one) 190 Rel 12		-			1,200
CONTRACTOR Tribity Of Pibld Services TYPE OF JOB P. C.	OWNER				
HOLE SIZE 7 2/2 T.D.	CEMENT		,		
CASING SIZE 4//2 DEPTH	AMOUNT OR	DERED _	350 6	4. 60	601
TUBING SIZE 2/1. DEPTH	1/4 1/2				
DRILL PIPE DEPTH		20 Oc	Lans	Side	
TOOL DEPTH PRES. MAX 1000 PS MINIMUM	COMMON	310	_	11 -	2111 25
PRES. MAX /000 /95 MINIMUM MEAS. LINE SHOE JOINT	COMMON POZMIX	210	@	18.25 800	341.25
CEMENT LEFT IN CSG.	GEL GEL	38		21,25	1190,00) 807,50
PERFS.	CHLORIDE_		@		_ 00 11 30
DISPLACEMENT 4,5-66/	ASC		@	· · · · · · · · · · · · · · · · · · ·	
EQUIPMENT			@		
The state of the s			@		
PUMPTRUCK CEMENTER Shane			@	· · · · · · · · · · · · · · · · · · ·	
# 409 HELPER Tous			@		-
BULK TRUCK	-		@		3 68 312
# 473 DRIVER COOK	#ababasa #A				1 Skiron 31
BULK TRUCK		***************************************	@ @	-	
# DRIVER	HANDLING	385		2,25	813.00
	MILEAGE		1.11	20)	853,60
REMARKS:				TOTAL	4065.35
BP 3350' Tiel on Tubin.				IOIAL	7075.00
Turned the wife 49.14611		C	enuce		
Testal tools to looyesi. Openal		0:	ERVICE		
P.C. Mixed 20 sts Gel for	DEPTH OF JO	ıR	1100	CO. MIL 20 L. LA	7.
lead then Mixed 3505k1	PUMP TRUCK				19250
Comend Circulated. Displaced	EXTRA FOOT		@	WIN	1
4.511. Closed P.C. Teskel	MILEAGE	4	0.0	-77	28000
to 1000ps, for 5 sta Worker	MANIFOLD_	t	@		
Clear.	***************************************		@		
11 0 0 1	MURLIORY	40	<u> </u>	4.00	160-
CHARGETO: H& S Petroleun				,	
STREET				TOTAL	2365
AND STATE AND ARREST AND ADDRESS OF THE PARTY OF THE PART	anne el s				
CITYSTATEZIP		PLUG & F	LOATEC	HIPMEN	T
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and the second s					
Than to			@		***************************************
7/194/-0			@ @		
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				TOTAL	7 3.18
done to satisfaction and supervision of owner agent or				IUIAL	- 40
contractor. I have read and understand the "GENERAL	SALES TAX ((f Any)			
TERMS AND CONDITIONS" listed on the reverse side.			6430	20-	8/
Al. Il	TOTAL CHAR		0120	حدت .	
PRINTED NAME Mile Hammersmith	DISCOUNT 2	0/20		_ IF PAI	D IN 30 DAYS
SIGNATURE MA ZL					

ALLIED CEMENTING CO., LLC. 038276 Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665		SER	VICE POINT: U.SSE	(Ks,
DATE 9-9-2011 12 205 24w	ALLED OUT	ON LOCATION	JÓB START 4:30 PM COUNTY	JOB FINISH STATE
LEASE WELL # 34-1 LOCATION ALEXANDER	e KS. 43 m	C RO"HH"	Ness	LANSAS
OLD ORNEW (Circle one)				
CONTRACTOR TRINITY WELL Service	OWNER			
TYPE OF JOB Squeeze (Cement Retainer)	CEMENT	110	SX	
HOLE SIZE T.D. CASING SIZE 4/2 DEPTH	AMOUNT ORD	DEPEN MAN	a Com	32cc
TUBING SIZE 2 3/8 DEPTH	AMOUNTOKL	DEKED POPE	Siconi	3.000
DRILL PIPE DEPTH CHRIS P.				
FOOL REIN HARDT OIL TOOLSDEPTH 47:35 "Retains	611			
PRES. MAX 2000 # MINIMUM 500#	COMMON	110	@ 16,25	1787,50
MEAS. LINE SHOE JOINT	POZMIX		@	
CEMENT LEFT IN CSG.	GEL	Marting of the Control	@	
PERFS. @ 4188 - 4189	CHLORIDE	4	@ 58.20	232.80
DISPLACEMENT 7-16 BBL	ASC	1-03/2-0002/17	@	- 250214-1
EOUIPMENT			@	A Herrican
EQUITIVIENT		New Alexander	@	
1028090	4.1		@	
PUMPTRUCK CEMENTER GLEHN	V\$ 11950		@	
419 HELPER WOODY			@	CERT CONTROL OF THE
BULK TRUCK	's (I === 1)		@	(ESVI)
# 378 DRIVER TONY	2 22	W. e	@	
BULK TRUCK	Management and Company of the Compan		@ men	
# DRIVER	HANDLING_	114	@ ====	244,00
REMARKS: Set Coment Retained & 4135' (Peaf @ 4188-8	MILEAGE	30	20) TOTAL	259,80
REMARKS: Ser Coment Retained 4/35' (PEAF@ 4188-8 LOOD BOCKSIDE, STING INTO RETAINER + Tork Intection Rate of IBPM@ LOOD #	MILEAGE	SERV	20) TOTAL	
REMARKS: Ser Cement Retained @ 4/35 (PEAF@ 4188-8 OOD BOCKSIDE, STING THTO RETAINER + TOOK INJECTION Rate OF 18PM@ 1,000 + MIXED 110 SX Cement, & PRESSURED TO 1500 + PLEAR-LINE & DISPLACED OF BOLL BEHIND	MILEAGE DEPTH OF JOI PUMP TRUCK	SERV B	TOTAL	
REMARKS: Ser Cement Retained @ 4/35 (PEAF@ 4188-8 OOD BOCKSIDE, STING THTO RETAINER + TOOK INJECTION Rate OF 18PM@ 1,000 + MIXED 110 SX Cement, & PRESSURED TO 1500 + PLEAR-LINE & DISPLACED OF BOLL BEHIND	MILEAGE DEPTH OF JOI PUMP TRUCK	SERV B	TOTAL	2615,10
REMARKS: SET CEMENT RETAINER @ 4/35' (PENF @ 4188-8 LORD BOCKSIDE, STING TATO RETAINER + TOCK INJECTION Rate OF I BPM @ 1,000 + WILLIAM JOS CEMENT, & PRESSURED TO 1500 + VIERR-LINE, & DISDUCED O BBL BEHIND.	MILEAGE DEPTH OF JOI PUMP TRUCK	SERV B CHARGE AGE	TOTAL	2615,10
REMARKS: SET CEMENT RETAINED 4/35 (PENFQ 4188-8 DOD BOCKSIDE STING TWO RETAINER + TOOK TINJECTION RATE OF IBPMQ 1,000 # MIXED 1/0 SC CEMENT, & PRESSURED TO 1500 # MIXED 1/0 SC CEMENT, & PRESSURED TO 1500 # MIXED 1/0 SC CEMENT, & PRESSURED TO 1500 # MIXED 1/0 SC CEMENT, & PRESSURED TO 2,000 # MIXED 1/0 F RETAINER + WASHED CLEAN	MILEAGE DEPTH OF JOI PUMP TRUCK EXTRA FOOT MILEAGE	SERV B CHARGE AGE	TOTAL ICE @	2615.10 1050,w
REMARKS: SET COMENT RETAINED & 4135 (PERFQ 4188-8, ORD BOCKSIDE STING THTO RETAINER + TOOK INJECTION RATE OF IBPM @ 1,000 # NIJED 110 SX COMENT, & PRESSURED TO 1500 # 1698-LINE, & DISPLACED OBLIB BEHIND. EMMIT (1800) & PRESSURED TO 2,000# (HELD) WILLIAM OUT OF RETAINER, + WASHED CLEAN	MILEAGE DEPTH OF JOI PUMP TRUCK EXTRA FOOT MILEAGE	SERV B CHARGE AGE	TOTAL ICE @@	2615.10 1050,w
REMARKS: SET COMEST RETAINED & 4135 (PEAF @ 4188-8) ORD BOCKSIDE, STING INTO RETAINER + TOOK INJECTION RATE OF 1 BPM @ 1,000 # NIZED 110 SX CEMENT, & PRESSURED TO 1500 #; NIZED 110 SX CEMENT, & PRESSURED TO 1500 #; NEARL LINE, & DISPLACED O BBL BEHIND. LEMANT (1800) & PRESSURED TO 2,000 # (HELD) UNI OUT OF RETAINER, & WASHED CLEAN HORT-WAY, (2788) Came OUT OF HOLE.	MILEAGE DEPTH OF JOI PUMP TRUCK EXTRA FOOT MILEAGE	SERV B CHARGE AGE	(20) TOTAL ICE (a) (a) (b) (c) (c) (c) (c) (c) (d) (d) (d) (d) (e) (d) (e) (e) (e) (e) (e) (e) (e) (e) (e) (e	2615.10 1050,w
REMARKS: SET COMEAT RETEINER 4135 (PEAF @ 4188-8 ORD BOCKSIDE, STING TATO RETAINER + TOCK INJECTION RATE OF IBPM @ 1,000 # NIZED 110 SX CEMENT, & PRESSURED TO 1500 #; LEAR-LINE, & DISPLACED O BBL BEHIND LIMBT (1800) & PRESSURED TO 2,000# (HELD) WIND OUT OF RETAINER, & WASHED CLEAN THANK'S	MILEAGE DEPTH OF JOI PUMP TRUCK EXTRA FOOT MILEAGE	SERV B CHARGE AGE	(20) TOTAL ICE @	260, w 250, w
REMARKS: SET COMEST RETEINED #135 (PEAF @ 4188-8) OOD BOCKSIDE, STING TATO RETAINER + TOOK INJECTION Rate OF IBPM @ 1,000 # NIZED 110 SX CEMENT, & PRESSURED TO 1500 #; JEAR-LINE, & DISPHICED OF BUT BEHIND SEMMET (1800) & PRESSURED TO 2,000 # (HELD) WIND OUT OF RETAINER, + WASHED CLEAN THANK'S	MILEAGE DEPTH OF JOI PUMP TRUCK EXTRA FOOT MILEAGE	SERV B CHARGE AGE	(20) TOTAL ICE @	260, w 260, w
REMARKS: SET COMENT RETAINED & 4135 (PEAF @ 4188-8 ORD BOCKSIDE, STING INTO RETAINER + FOOL INJECTION Rate OF 18PM @ 1,000 + NIJECTION RATE OF 18PM @ 1,000 + NIJECTION RATE OF 18PM @ 1,000 + NIJECTION & COMENT OF PROSSURED TO 1500 + NEARL LINE, & DISPLACED OF BUT BEHIND WHONT (1800) & PRESSURED TO 2,000 + (HELD) WIND OUT OF RETAINER, +WASHED CIRCUM HORT-WAY. (278B) Came OUT OF HOLE. THANK'S	MILEAGE DEPTH OF JOI PUMP TRUCK EXTRA FOOT MILEAGE	SERV B CHARGE AGE	(20) TOTAL ICE @	2615.10 1050,w
REMARKS: SET COMENT RETAINED & 4/35' (PERFO 4)88-8, ORD BOCKSIDE, STING THTO RETAINER + TOCK THECTION RATE OF 18PM @ 1,000 # MIXED 1/0 SX CEMENT, & PRESSURED TO 1500 #; MEAR-LINE, & DISPLACED OF BUL BEHIND. SEMMIT (1800) & PRESSURED TO 2,000 # (HELD) AND OUT OF RETAINER, & WASHED CLEAN HORT-WAY. (3788) COME OUT OF HOLE. CHARGE TO: HE B PETROLOUM	DEPTH OF JOI PUMP TRUCK EXTRA FOOTM MILEAGE MANIFOLD	SERV B CHARGE AGE YO	(20) TOTAL ICE @	260,00 280,00 160,00 1490,00
REMARKS: SET CEMENT RETAINED 4/35 (PENFQ 4188-8) LOOD BOCKSIDE, STING THTO RETAINER 4 TOOK INJECTION RATE OF IBPM @ 1,000 # MIXED 110 SX CEMENT, & PRESSURED TO 1500 # MIXED 110 SX CEMENT, & PRESSURED TO 1500 # MIXED 110 SX CEMENT, & PRESSURED TO 1500 # MIXED 110 SX CEMENT, & PRESSURED TO 1500 # MIXED 110 SX CEMENT, & PRESSURED TO 1500 # MIXED 110 SX CEMENT, & WASHED CLEAN HORT-WAY, (2788) Came OUT OF HOLE. THANK'S CHARGE TO: H & B PETROLEUM	DEPTH OF JOI PUMP TRUCK EXTRA FOOTM MILEAGE MANIFOLD	SERV B CHARGE AGE YO	TOTAL ICE	260, w 250, w 160, w
REMARKS: SET CEMENT RETAINED 4/35 (PENFQ 4188-8) LOOD BOCKSIDE STING THTO RETAINER + TOOK INJECTION RATE OF IBPM @ 1,000 # MIXED 110 SX CEMENT, & PRESSURED TO 1500 # MIXED 110 SX CEMENT, & PRESSURED TO 1500 # MIXED 110 SX CEMENT, & PRESSURED TO 1500 # MIXED 110 SX CEMENT, & PRESSURED TO 1500 # MIXED 110 SX CEMENT, & PRESSURED TO 2,000 # MIXED 110 SX CEMENT, & WASHED CLEAN HORT-WAY, (2788) Came OUT OF HOLE. THANK'S CHARGE TO: H & B PETROLEUM	DEPTH OF JOI PUMP TRUCK EXTRA FOOTM MILEAGE MANIFOLD	SERV B CHARGE AGE YO	TOTAL ICE	260, w 250, w 160, w
REMARKS: Set Coment Retained # 4/35 (Peaf @ 4188-8 Load Backside, Sting that Retained # 188-8 Load Backside, Sting that Retained # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.000 # 1.	DEPTH OF JOI PUMP TRUCK EXTRA FOOTM MILEAGE MANIFOLD	SERV B CHARGE AGE YO	TOTAL ICE	160,00 250,00 160,00 1490,00
REMARKS: SET COMENT RETAINED & 4/35' (PEAF @ 4188-8) LOOD BOCKSIDE, STING TATO RETAINER + FOOL TANSECTION Rate OF 18PM @ 1,000 # MIXED 1/0 SX COMENT & PRESSURED TO 1500 # PLEAR-LINE, & DISPLACED OF BEL BEHIND LOWNT OF RETAINER, + WASHED CLECKY CHARGE TO: HE B PETROLEUM STREET CITY STATE ZIP TO Allied Cementing Co., LLC.	DEPTH OF JOI PUMP TRUCK EXTRA FOOTM MILEAGE MANIFOLD	SERV B CHARGE AGE YO	TOTAL ICE	260,00 250,00 160,00 1490,00
REMARKS: SET COMENT RETAINED & 4/35 (PEAF @ 4188-8) LOOD BOCKSIDE STING TATO RETAINER + FOOL TANGECTION Rate OF IBPM @ 1,000 # MIXED 1/0 SX COMENT & PRESSURED TO 1500 # MIXED 1/0 SX COMENT & PRESSURED TO 2,000 # MIXED 1/0 SX COMENT & WASHED CLECKY MIXED 1/0 STATE	DEPTH OF JOI PUMP TRUCK EXTRA FOOTM MILEAGE MANIFOLD	SERV B CHARGE AGE YO	TOTAL ICE	260,00 250,00 160,00 1490,00
REMARKS: SET CEMENT RETAINED & 4/35 (PENF @ 4/188-8) ORD BACKSIDE STING TWO RETAINER + FOCK INJECTION Rate OF IBPM @ 1,000 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRESSURED TO 1500 # MIXED 1/0 SX CEMENT & PRE	DEPTH OF JOI PUMP TRUCK EXTRA FOOTM MILEAGE MANIFOLD	SERV B CHARGE AGE YO	TOTAL ICE	260,00 250,00 160,00 1490,00
REMARKS: SET COMENT RETAINED & 4/35 (PEAF @ 4188-8 LOOD BOCKSIDE STING TATO RETAINER + TOOK TANGETICAN RATE OF IBPM @ 1,000 HOW NIZED IN SCEMENT & PRESSURED TO ISOUTH PROBLEM OF RETAINED TO A PRESSURED TO 2,000 HOLD WHOLL OF RETAINER, + WASHED CLECKY HOLD CAME OUT OF HOLE. CHARGE TO: HE B PETROLEUM STREET CITY STATE ZIP TO Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment	DEPTH OF JOI PUMP TRUCK EXTRA FOOTM MILEAGE MANIFOLD	SERV B CHARGE AGE YO	TOTAL ICE	260,00 250,00 160,00 1490,00
REMARKS: Set Coment Retained 4/35 (Peaf @ 4188-8 LOOD BOCKSIDE STING TWO RETAINER + TOOK TAJECTION RATE OF IRPM @ 1,000 # MIJED 1/0 SCENNENT, & PRESSURED TO 1500 # PRESSURED TO 1500 # PRESSURED TO 2,000 # (HELD WORT - WAY, (2788)) Came out of Hole MORT-WAY, (2788) Came out of Hole 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	DEPTH OF JOI PUMP TRUCK EXTRA FOOTM MILEAGE MANIFOLD	SERV B CHARGE AGE YO	TOTAL ICE	260,00 250,00 160,00 1490,00
REMARKS: Ser Coment Retained 4/35 (Peaf @ 4188-8 LOOD BOCKSIDE STING TATO RETAINER + TOOK TAJECTION Rett OF 189m @ 1,000 # MIJED 1/0 SCEMENT, & PRESSURED TO 1500 # PRESSURED TO 1500 # PRESSURED TO 2,000 # (HELD HORT-WAY, (3788)) Came out of Hole TAJAK'S CHARGE TO: HE B PETROLEUM 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 OF JOI PUMP TRUCK EXTRA FOOT MILEAGE MANIFOLD	SERV B CHARGE AGE YO PLUG & FLOA	TOTAL ICE	260,00 250,00 160,00 1490,00
REMARKS: SET CEMENT RETAINED & 4/35' (PENF @ 4188-8) LOCO BOCKSIDE STING TWO RETAINER + FOCK INJECTION RATE OF IBPM @ 1,000 # MIJED 110 SCEMENT & PRESSURED TO 1500 # PLEAR-LINE & DISPLACED OF BUT BEHIND LIMBT (1800) & PRESSURED TO 2,000 # (HELD UN OUT OF RETRINER, + WASHED CLEAN HORT-WAY, (3788) Came OUT OF HOLE. CHARGE TO: HE B PETROLEUM 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	MILEAGE DEPTH OF JOI PUMP TRUCK EXTRA FOOT MILEAGE MANIFOLD SALES TAX (I	SERV B CHARGE AGE YO PLUG & FLOA	TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL	260,00 280,00 160,00
REMARKS: Set Coment Retained 4/35 (Peaf @ 4188-8 Lood Bocks De Sting Tato Retained 4/36) Took Tangerian Rate of 189 [] Octo 4 Pressured to 1500 4 Pressured to 1500 4 Pressured to 2001 (Held Out of Retainer, + Washed Clean hort-way, (2788) Came out of Hole Thank's CHARGE TO: HEB PETROLEUM 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"	MILEAGE DEPTH OF JOI PUMP TRUCK EXTRA FOOT MILEAGE MANIFOLD SALES TAX (I	SERV B CHARGE AGE YO PLUG & FLOA	TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL	250, w 250, w 160, w
REMARKS: Set Coment Retained #135 (Peaf @ 4188-8 lood Backside Sting that Retained #135) Set The Sting that Retained #136 (Peaf @ 4188-8 lood Backside Sting that Retained #136) The Theology Retained Pressured to 1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1500 #1	MILEAGE DEPTH OF JOI PUMP TRUCK EXTRA FOOT MILEAGE MANIFOLD SALES TAX (I	SERV B CHARGE AGE YO PLUG & FLOA	TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL	250, w 250, w 160, w



H&B Petroleum

Hagelgantz 34-1

Po Box Petroleum Ellinw ood

ft (KB)

34-17s-21w Ness

Kansas 67526

Job Ticket: 16571

DST#: 1

ATTN: Josh Austin

Test Start: 2011.08.23 @ 08:55:00

GENERAL INFORMATION:

Formation:

Fort Scott

Deviated:

No Whipstock:

Test Type:

Conventional Bottom Hole (Initial)

Time Tool Opened: 10:43:30

Dustin ⊟lis

Time Test Ended: 15:05:00

3315-GB-135

4085.00 ft (KB) To 4113.00 ft (KB) (TVD)

Unit No:

2153.00 ft (KB)

Total Depth:

Reference Elevations:

Hole Diameter:

4113.00 ft (KB) (TVD)

2144.00 ft (CF)

KB to GR/CF:

Serial #: 6663

7.88 inches Hole Condition: Fair

9.00 ft

Press@RunDepth:

Outside

85.62 psia @

4110.00 ft (KB)

2011.08.23

Capacity:

5000.00 psia

Start Date:

2011.08.23

End Date:

Last Calib .:

2011.08.23

Start Time:

15:05:00

Time On Btm:

08:56:00

End Time:

Time Off Btm:

2011.08.23 @ 10:42:30

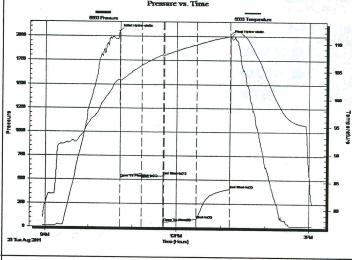
2011.08.23 @ 13:13:00

TEST COMMENT: 1st open 30 minutes Weak blow then died off

1st shut in 30 minutes No blow back

2nd open 45 minutes Stong blow blew to bottom of bucket in 5 minutes

2nd shut in 45 minutes Yes blow back



PRESSURE SUMMARY

	and the state of			C COMMON ATT	
	Time	Pressure	Temp	Annotation	
	(Min.)	(psia)	(deg F)		
	0	2053.00	103.56	Initial Hydro-static	
	1	519.34	103.26	Open To Flow (1)	
	30	561.50	106.06	Shut-In(1)	
	60	540.13	108.05	End Shut-In(1)	
1	61	54.36	107.92	Open To Flow (2)	
	105	85.62	109.82	Shut-In(2)	
•	150	405.06	111.32	End Shut-In(2)	
	151	1995.98	111.78	Final Hydro-static	
	8				

Recovery

muddy cut oil 40%oil 60% mud	0.84
oilly gasy mud 5%mud60%oil 35% gas	0.42
3086 foot gas in pipe	0.00
	oilly gasy mud 5%mud60%oil 35% gas

Gas Rates

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

Superior Testers Enterprises LLC

Ref. No: 16571



H&B Petroleum

Hagelgantz 34-1

Po Box Petroleum Elinw ood

34-17s-21w Ness

Kansas 67526

Job Ticket: 16571

DST#: 1

ATTN: Josh Austin

Test Start: 2011.08.23 @ 08:55:00

GENERAL INFORMATION:

Time Tool Opened: 10:43:30

Time Test Ended: 15:05:00

Formation:

Fort Scott

Deviated:

No Whipstock:

ft (KB)

Test Type:

Conventional Bottom Hole (Initial)

Tester:

Dustin Ellis

Unit No:

3315-GB-135

Reference Elevations:

2153.00 ft (KB)

2144.00 ft (CF)

KB to GR/CF:

Interval:

4085.00 ft (KB) To 4113.00 ft (KB) (TVD)

Total Depth:

4113.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Fair

9.00 ft

Serial #: 6806 Press@RunDepth:

Inside

404.80 psia @

4109.00 ft (KB)

2011.08.23

Capacity:

5000.00 psia

Start Date: Start Time:

2011.08.23 08:56:00

End Date: End Time:

15:05:00

Last Calib.: Time On Btm: 2011.08.23

2011.08.23 @ 10:42:30

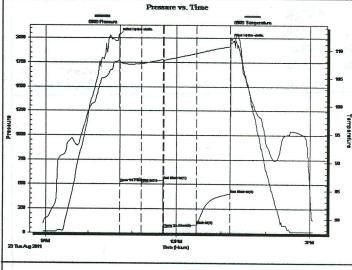
Time Off Btm: 2011.08.23 @ 13:12:30

TEST COMMENT: 1st open 30 minutes Weak blow then died off

1st shut in 30 minutes No blow back

2nd open 45 minutes Stong blow blew to bottom of bucket in 5 minutes

2nd shut in 45 minutes Yes blow back



PRESSURE SUMMARY							
	Time	Pressure	Temp	Annotation			
	(Min.)	(psia)	(deg F)	Annotation			
1	0	2033.41	108.23	Initial Hydro-static			
1	1	519.18	107.79	Open To Flow (1)			
	30	561.72	107.61	Shut-In(1)			
	60	540.24	108.33	End Shut-In(1)			
Tana	61	53.82	108.23	Open To Flow (2)			
	105	85.98	109.42	Shut-In(2)			
	150	404.80	110.69	End Shut-In(2)			
	150	1977.47	111.34	Final Hydro-static			
				•			
		a					
		,					

Length (II)	Description	Volume (bbl)
60.00	muddy cut oil 40%oil 60% mud	0.84
30.00	oilly gasy mud 5%mud60%oil 35% gas	0.42
0.00	3086 foot gas in pipe	0.00

Recovery

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
	n	

Gas Rates

Superior Testers Enterprises LLC

Ref. No: 16571



TOOL DIAGRAM

H&B Petroleum

Hagelgantz 34-1

34-17s-21w Ness

Po Box Petroleum Ellinw ood Kansas 67526

DST#:1

Job Ticket: 16571

ATTN: Josh Austin

Test Start: 2011.08.23 @ 08:55:00

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 4076.00 ft Diameter:

3.80 inches Volume: 0.00 inches Volume:

Tool Weight: 2000.00 lb

Drill Collar:

Length:

ft Diameter: 0.00 ft Diameter:

0.00 bbl 0.00 inches Volume: 0.00 bbl Weight set on Packer: 20000.00 lb Weight to Pull Loose: 45000.00 lb

Drill Pipe Above KB:

11.00 ft 4085.00 ft Total Volume: 57.18 bbl

57.18 bbl

Tool Chased

0.00 ft

Depth to Top Packer: Depth to Bottom Packer: ft

String Weight: Initial 44000.00 lb

45000.00 lb Final

Interval between Packers: Tool Length:

28.00 ft 48.00 ft

Number of Packers:

2

Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4070.00	
Hydrolic Tool	5.00			4075.00	
Packer	5.00			4080.00	20.00 Bottom Of Top Packer
Packer	5.00			4085.00	Bottom of rop rucker
Perforations	23.00			4108.00	
Recorder	1.00	6806	Inside	4109.00	
Recorder	1.00	6663	Outside	4110.00	
Bull Plug	3.00	The second		4113.00	28.00 Bottom Packers & Anchor

Total Tool Length: 48.00



FLUID SUMMARY

DST#: 1

H&B Petroleum

Hagelgantz 34-1

Po Box Petroleum Ellinw ood

34-17s-21w Ness

Kansas 67526

Job Ticket: 16571

1500

ATTN: Josh Austin

Test Start: 2011.08.23 @ 08:55:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight:

9.00 lb/gal

Viscosity: Water Loss: 71.00 sec/qt 9.59 in³

Resistivity: Salinity: Filter Cake: ohm.m 6500.00 ppm 1.00 inches Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API: Water Salinity:

deg API

ppm

psia

ft

bbl

Recovery Information

Recovery Table

Length ft	Description	Volume bbl 0.842	
60.00	muddy cut oil 40%oil 60% mud		
30.00	oilly gasy mud 5%mud60%oil 35% gas	0.421	
0.00	3086 foot gas in pipe	0.000	

Total Length:

90.00 ft

Total Volume:

1.263 bbl

Num Fluid Samples: 0

Laboratory Name:

Num Gas Bombs:

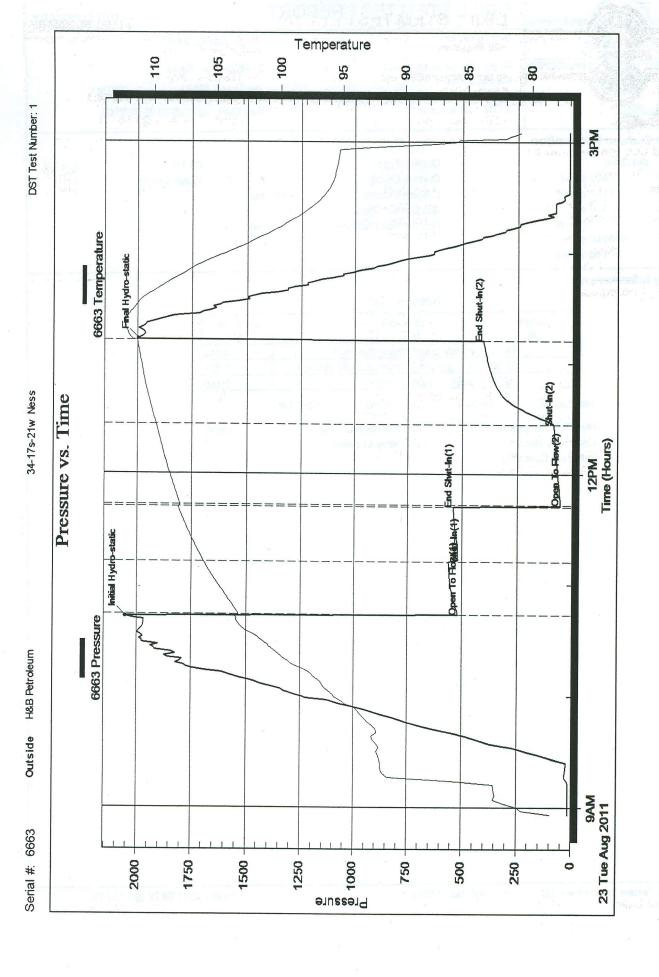
Laboratory Location:

Serial #:

Recovery Comments:

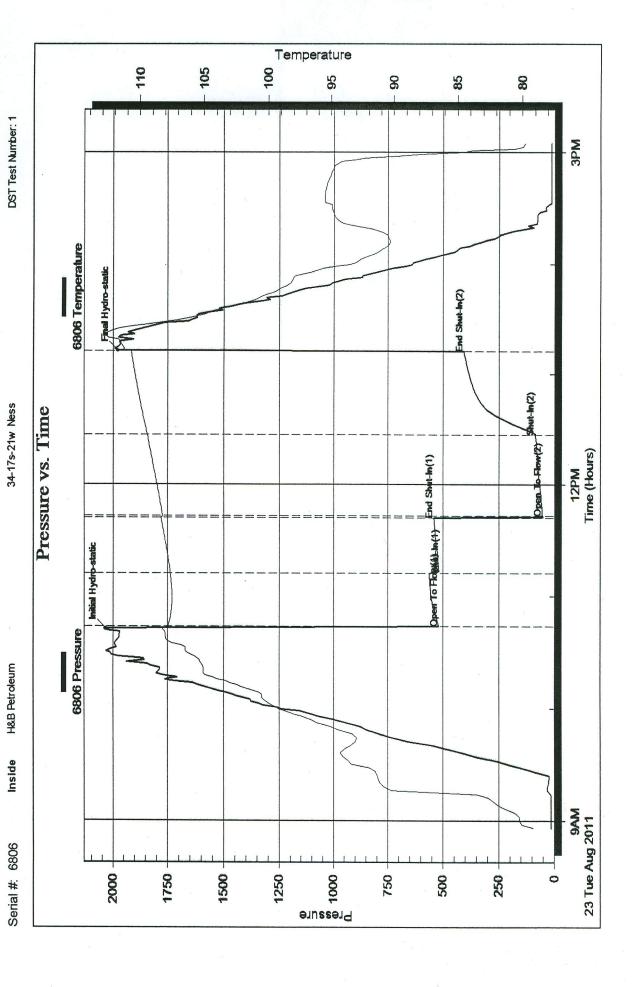
Superior Testers Enterprises LLC

Ref. No: 16571



Superior Testers Enterprises LLC

Ref. No: 16571



Superior Testers Enterprises LLC



H&B Petroleum

Hagelgantz 34-1

Po Box Petroleum Elinw ood

34-17s-21w Ness Job Ticket: 16572

Kansas 67526

DST#: 2

ATTN: Josh Austin

Test Start: 2011.08.24 @ 01:25:00

GENERAL INFORMATION:

Formation:

Fort scott

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 03:08:00

Dustin Elis

Time Test Ended: 00:00:00

Tester: Unit No:

3315 GB-135

Interval:

4110.00 ft (KB) To 4146.00 ft (KB) (TVD)

2153.00 ft (KB)

Total Depth:

Reference Elevations:

2144.00 ft (CF)

Hole Diameter:

4146.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

KB to GR/CF:

9.00 ft

Serial #: 6663 Press@RunDepth: Outside

55.85 psia @

4143.00 ft (KB)

Capacity:

5000.00 psia

Start Date:

2011.08.24

End Date:

2011.08.24

Last Calib .:

2011.08.24

Start Time:

01:26:00

End Time:

07:08:00

Time On Btm:

2011.08.24 @ 03:09:30

Time Off Btm:

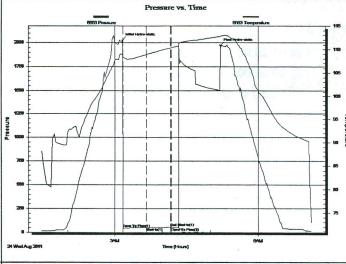
2011.08.24 @ 05:12:00

TEST COMMENT: 1st open 30 minutes Weak blow then died off

1st shut in 30 minutes No blow back

2nd open 30 minutes Very weak blow that died off

2nd shut in 30 minutes No blow back



PRESSURE SUMMARY

115	Time	Pressure	Temp	Annotation
	(Min.)	(psia)	(deg F)	,
10	0	2025.37	109.00	Initial Hydro-static
06	-1	47.18	108.47	Open To Flow (1)
	31	47.98	108.97	Shut-In(1)
00	61	55.85	110.38	End Shut-In(1)
6 7	62	48.72	110.41	Open To Flow (2)
nryeredue.	71	51.79	110.77	Flushed Tool
9 3	123	1972.52	112.89	Final Hydro-static
6				*
0				
5				
		4		

Recovery

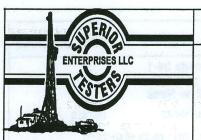
Length (ft)	Description	Volume (bbl)
1.00	drilling mud	0.01
	125	0/4.2
	108	an en le
		No.

Gas Rates

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

Superior Testers Enterprises LLC

Ref. No: 16572



H&B Petroleum

Hagelgantz 34-1

Po Box Petroleum Ellinw ood

34-17s-21w Ness

Kansas 67526

Job Ticket: 16572

DST#: 2

ATTN: Josh Austin

Test Start: 2011.08.24 @ 01:25:00

GENERAL INFORMATION:

Formation: Fort scott

Deviated:

No Whipstock:

ft (KB)

Test Type: Tester:

Conventional Bottom Hole (Initial)

Unit No:

Dustin Ellis 3315 GB-135

Time Tool Opened: 03:08:00 Time Test Ended: 00:00:00

Interval: Total Depth: 4110.00 ft (KB) To 4146.00 ft (KB) (TVD)

Reference Elevations:

2153.00 ft (KB)

4146.00 ft (KB) (TVD)

2144.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

9.00 ft

Serial #: 6806 Press@RunDepth:

56.03 psia @

4142.00 ft (KB)

Capacity:

5000.00 psia

Start Date: Start Time:

2011.08.24 01:26:00 End Date: End Time:

2011.08.24 07:08:30

Last Calib.: Time On Btm: 2011.08.24

Time Off Btm:

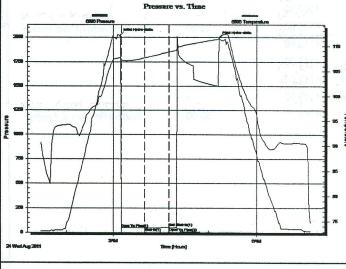
2011.08.24 @ 03:09:30 2011.08.24 @ 05:13:00

TEST COMMENT: 1st open 30 minutes Weak blow then died off

1st shut in 30 minutes No blow back

2nd open 30 minutes Very weak blow that died off

2nd shut in 30 minutes No blow back



Р	RESSUR	E SUMMARY
	+	A = = -1=1:==

T	Time	Pressure	Temp	Annotation	
	(Min.)	(psia)	(deg F)		
1	0	2021.71	107.71	Initial Hydro-static	
	1	46.67	107.25	Open To Flow (1)	
	31	47.99	107.63	Shut-In(1)	
	61	56.03	108.79	End Shut-In(1)	
3	62	48.55	108.81	Open To Flow (2)	
Temperature	71	52.84	109.15	Flushed tool	
5	124	1991.35	111.63	Final Hydro-static	
1		~~			
-					
-					

Recovery

Length (ft)	Description	Volume (bbl)	
1.00	drilling mud	0.01	
-			

Gas Rates

Choke (inches) Pressure (psia)

Gas Rate (Mcf/d)

Superior Testers Enterprises LLC

Ref. No: 16572



TOOL DIAGRAM

H&B Petroleum

Hagelgantz 34-1

Po Box Petroleum Ellinw ood Kansas 67526

34-17s-21w Ness

Job Ticket: 16572

DST#: 2

ATTN: Josh Austin

Test Start: 2011.08.24 @ 01:25:00

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 4105.00 ft Diameter:

3.80 inches Volume:

57.58 bbl 0.00 bbl 0.00 bbl Tool Weight:

2000.00 lb

Drill Collar:

Length:

0.00 ft Diameter: 0.00 ft Diameter:

0.00 inches Volume: 2.25 inches Volume:

Weight set on Packer: 20000.00 lb Weight to Pull Loose: 42000.00 lb

Drill Pipe Above KB:

23.00 ft 4110.00 ft Total Volume: 57.58 bbl

Tool Chased 0.00 ft

Depth to Top Packer: Depth to Bottom Packer:

ft

String Weight: Initial 42000.00 lb 42000.00 lb Final

Interval between Packers: Tool Length:

36.00 ft

64.00 ft

Number of Packers:

2 Diameter: 6.75 inches

Tool Comments:

Tool Descripti	on	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool		5.00		2	4087.00	
Hydrolic Tool		5.00			4092.00	
Jars		6.00			4098.00	
Safety Joint		2.00			4100.00	
Packer		5.00			4105.00	28.00 Bottom Of Top Packer
Packer		5.00	(X) 1.3	1,04)	4110.00	
Perforations		31.00			4141.00	
Recorder		1.00	6806	Inside	4142.00	
Recorder		1.00	6663	Outside	4143.00	
Bull Plug		3.00			4146.00	36.00 Bottom Packers & Anchor
	Total Tool Length	: 64.00				

Superior Testers Enterprises LLC

Ref. No: 16572



FLUID SUMMARY

H&B Petroleum

Hagelgantz 34-1

Po Box Petroleum Elinw ood

34-17s-21w Ness

Kansas 67526

Job Ticket: 16572

DST#: 2

ATTN: Josh Austin

Test Start: 2011.08.24 @ 01:25:00

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Oil API:

deg API

Mud Weight: Viscosity:

71.00 sec/qt

Cushion Length: Cushion Volume:

Cushion Type:

ft

Water Loss:

9.59 in³

bbl

Water Salinity:

ppm

Resistivity:

ohm.m

Gas Cushion Type:

Gas Cushion Pressure:

psia

Salinity: 6500.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	drilling mud	0.014

Total Length:

1.00 ft

Total Volume:

0.014 bbl

Num Fluid Samples: 0

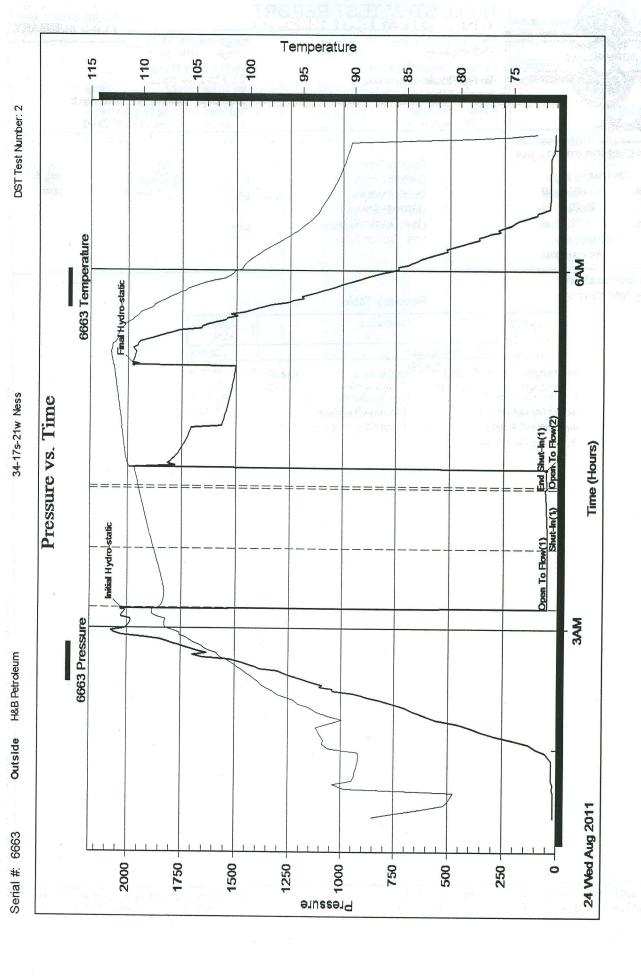
Num Gas Bombs:

Serial #:

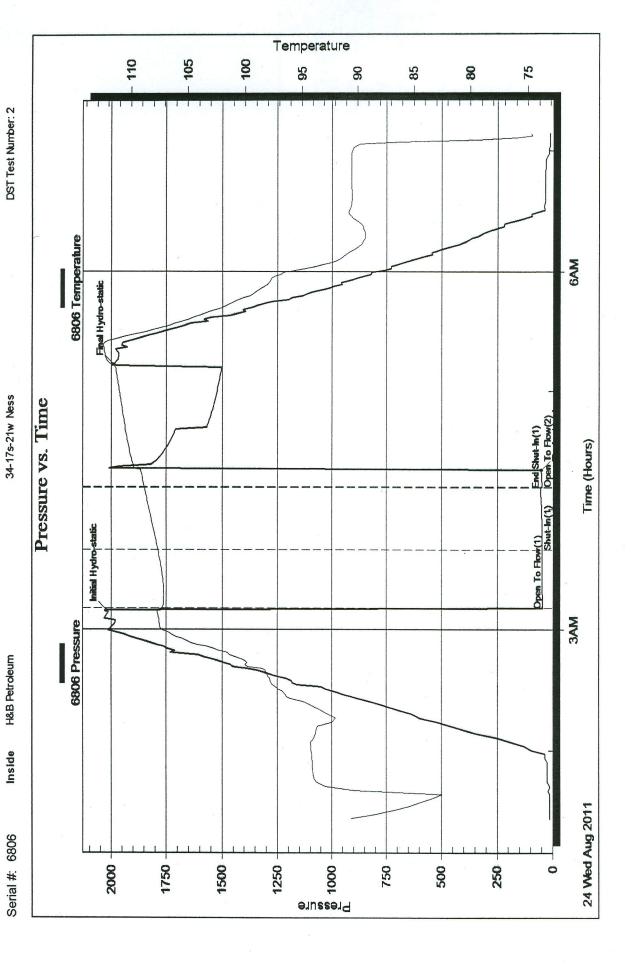
Laboratory Name:

Laboratory Location:

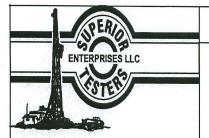
Recovery Comments:



Superior Testers Enterprises LLC Ref. No. 16572



Superior Testers Enterprises LLC



H&B Petroleum

Hagelgantz 34-1

Po Box Petroleum Ellinw ood

34-17s-21w Ness

Kansas 67526

Job Ticket: 16573

DST#:3

ATTN: Josh Austin

Test Start: 2011.08.24 @ 08:00:00

GENERAL INFORMATION:

Time Tool Opened: 09:44:30

Formation:

Fort Scott- Cherokee

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester: Unit No: Dustin Elis

Time Test Ended: 14:43:00

3315-GB-135

Interval:

4080.00 ft (KB) To 4146.00 ft (KB) (TVD)

2153.00 ft (KB)

Total Depth:

4146.00 ft (KB) (TVD)

Reference Elevations:

2144.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

9.00 ft

Serial #: 6663

Press@RunDepth:

Start Date:

Outside

347.75 psia @ 2011.08.24

4143.00 ft (KB)

2011.08.24

Capacity:

5000.00 psia

End Date:

Last Calib .:

2011.08.24

Start Time:

08:01:00

End Time:

14:43:00

Time On Btm:

2011.08.24 @ 09:43:30

Time Off Btm:

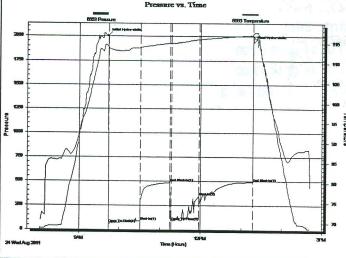
2011.08.24 @ 13:18:00

TEST COMMENT: 1st open 45 minutes Weak building blow built to 4 inches into the bucket

1st shut in 45 minutes No blow back

2nd open 60 minutes Weak blow then died off

2nd shut in 90 minutes No blow back



PRESSURE SUM	ЛΜ	AF	۲Y
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	Time	Pressure	Temp	Annotation	
115	(Min.)	(psia)	(deg F)		
	0	2006.90	114.39	Initial Hydro-static	
110	1	63.06	113.82	Open To Flow (1)	
105	48	89.13	113.89	Shut-In(1)	
100	92	484.41	115.04	End Shut-In(1)	
1	94	91.14	114.93	Open To Flow (2)	
Temperature	134	347.75	115.88	Shut-In(2)	
90 =	214	491.58	116.94	End Shut-In(2)	
265	215	1936.22	117.41	Final Hydro-static	
80					
75					
70					
			4		

Recovery

Length (ft)	Description	Volume (bbl)
90.00	Drilling Mud 100%	1.26
		The statement
		no te da te

Gas Rates

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

Superior Testers Enterprises LLC

Ref. No: 16573



H&B Petroleum

Hagelgantz 34-1

Po Box Petroleum Ellinw ood

34-17s-21w Ness

Kansas 67526

Job Ticket: 16573

DST#: 3

ATTN: Josh Austin

Test Start: 2011.08.24 @ 08:00:00

GENERAL INFORMATION:

Formation: Fort Scott- Cherokee

Deviated:

No Whipstock:

ft (KB)

Test Type:

Conventional Bottom Hole (Initial)

Tester:

Dustin Elis

Unit No:

3315-GB-135

Time Test Ended: 14:43:00 Interval:

Time Tool Opened: 09:44:30

4080.00 ft (KB) To 4146.00 ft (KB) (TVD)

Reference Elevations:

2153.00 ft (KB)

2144.00 ft (CF)

Total Depth: Hole Diameter: 4146.00 ft (KB) (TVD)

9.00 ft

7.88 inchesHole Condition: Fair

KB to GR/CF:

Serial #: 6806

Press@RunDepth:

Inside

491.87 psia @

4142.00 ft (KB)

2011.08.24 Last Calib.:

Capacity:

5000.00 psia

Start Date: Start Time: 2011.08.24 08:01:00 End Date: End Time:

14:43:30

Time On Btm:

2011.08.24 2011.08.24 @ 09:43:30

Time Off Btm:

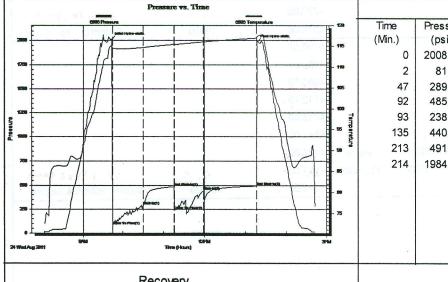
2011.08.24 @ 13:17:30

TEST COMMENT: 1st open 45 minutes Weak building blow built to 4 inches into the bucket

1st shut in 45 minutes No blow back

2nd open 60 minutes Weak blow then died off

2nd shut in 90 minutes No blow back



	PRESSURE SUMMARY				
• 1	Time	Pressure	Temp	Annotation	
5	(Min.)	(psia)	(deg F)		- TE
	0	2008.78	114.99	Initial Hydro-static	na kie wili
•	2	81.84	114.51	Open To Flow (1)	
5	47	289.42	114.64	Shut-In(1)	
	92	485.13	115.38	End Shut-In(1)	
i	93	238.52	115.34	Open To Flow (2)	
Temperature	135	440.15	115.95	Shut-In(2)	0.0
3	213	491.87	116.86	End Shut-In(2)	6 S. St. W
	214	1984.10	117.27	Final Hydro-static	
				F1 25 - 6	
				VII13 1 - 1812 1816 1	
					¥

Length (ft)	Description	Volume (bbi)
90.00	Drilling Mud 100%	1.26
-		

Gas Rates				
	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)	

Superior Testers Enterprises LLC

Ref. No: 16573



TOOL DIAGRAM

H&B Petroleum

Hagelgantz 34-1

Po Box Petroleum Ellinw ood

34-17s-21w Ness

Kansas 67526

Job Ticket: 16573

ATTN: Josh Austin

Test Start: 2011.08.24 @ 08:00:00

Tool Information

Drill Pipe: Heavy Wt. Pipe:

Length: 4076.00 ft Diameter:

3.80 inches Volume: 57.18 bbl 0.00 inches Volume:

Tool Weight:

2000.00 lb

Drill Collar:

Length: Length:

0.00 ft Diameter: 0.00 ft Diameter:

0.00 bbl 2.25 inches Volume: 0.00 bbl Total Volume:

Weight set on Packer: 20000.00 lb Weight to Pull Loose: 70000.00 lb

Final

Printed: 2011.08.29 @ 17:17:51

Drill Pipe Above KB: Depth to Top Packer:

24.00 ft 4080.00 ft

Tool Chased 57.18 bbl

0.00 ft

Depth to Bottom Packer:

ft

String Weight: Initial

42000.00 lb 42000.00 lb

Interval between Packers: Tool Length:

Number of Packers:

66.00 ft 94.00 ft

2 Diameter:

6.75 inches

Tool Comments:

Tool Description Length (ft) Serial No. Position Depth (ft) Accum. Lengths Shut-In Tool 5.00 4057.00 Hydrolic Tool 5.00 4062.00 Jars 6.00 4068.00 Safety Joint 2.00 4070.00 Packer 5.00 4075.00 28.00 Bottom Of Top Packer Packer 5.00 4080.00 Perforations 0.00 4080.00 Change Over Sub 0.75 4080.75 Drill Pipe 32.00 4112.75 Change Over Sub 0.75 4113.50 Perforations 27.50 4141.00 Recorder 1.00 6806 Inside 4142.00 Recorder 1.00 6663 Outside 4143.00 **Bull Plug** 3.00 4146.00 66.00 Bottom Packers & Anchor

Total Tool Length:

94.00



FLUID SUMMARY

deg API

ppm

H&B Petroleum

Hagelgantz 34-1

Po Box Petroleum Elinw ood

34-17s-21w Ness

Kansas 67526

Job Ticket: 16573

DST#: 3

ATTN: Josh Austin

Test Start: 2011.08.24 @ 08:00:00

Oil API:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight:

9.00 lb/gal

Viscosity: Water Loss: 71.00 sec/qt 9.59 in³ ohm.m

Resistivity: Salinity: 6500.00 ppm 1.00 inches Filter Cake:

Cushion Type:

Cushion Length:

Cushion Volume:

ft bbl

Gas Cushion Type:

Gas Cushion Pressure:

psia

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	Drilling Mud 100%	1.262

Total Length:

90.00 ft

Total Volume:

1.262 bbl

Num Fluid Samples: 0

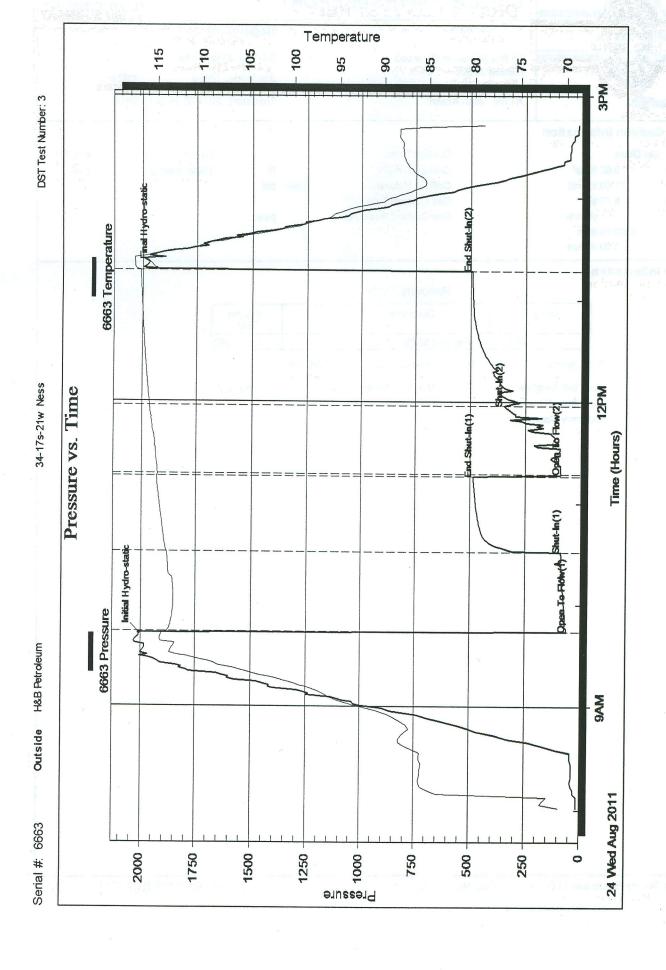
Num Gas Bombs:

Serial #:

Laboratory Name:

Laboratory Location:

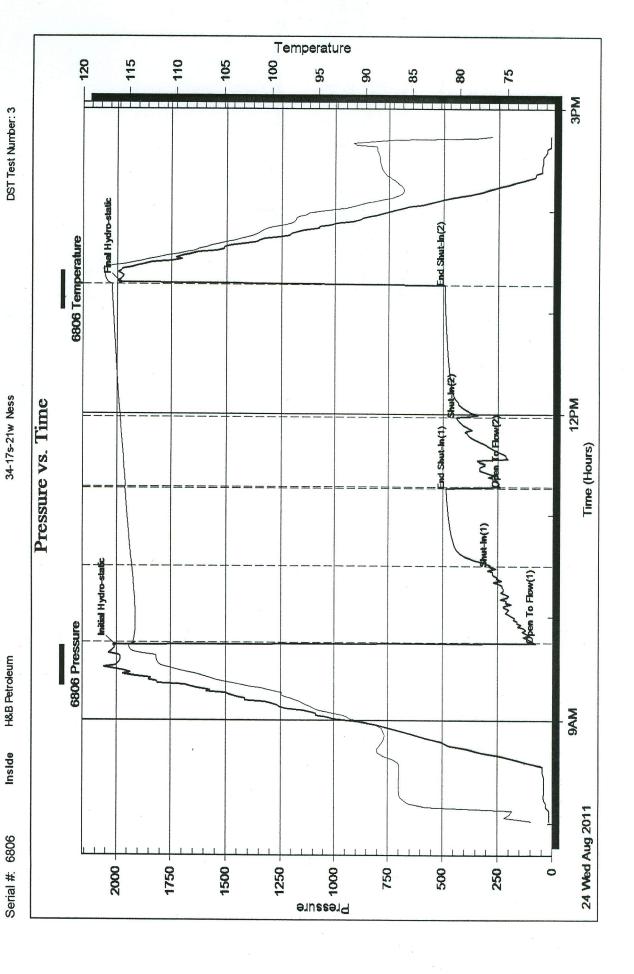
Recovery Comments:



Printed: 2011.08.29 @ 17:17:51

Superior Testers Enterprises LLC

Ref. No: 16573



Superior Testers Enterprises LLC