# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

	Form ACO-1
0	June 2009
UALIA	June 2009 Form Must Be Typed Form must be Signed I blanks must be Filled
	Form must be Signed
MAI / MAI	l blanks must be Filled
	•

oot Description:
Feet from North / South Line of Section 2,480 Feet from East / West Line of Section obtages Calculated from Nearest Outside Section Corner:    NE NW SE SW   Stafford
Feet from Feet from Feet I West Line of Section obtages Calculated from Nearest Outside Section Corner:    NE
obtages Calculated from Nearest Outside Section Corner:  NE NW SE SW  Dounty: Stafford  Pleyen B Well #: 17  Pled Name: Richardson  Producing Formation: Arbuckle  Pevation: Ground: 1814 Kelly Bushing: 1822  Plug Back Total Depth: 3524'  Plug Back Total Depth: 218 Feet  Puttiple Stage Cementing Collar Used? Yes No  Yes, show depth set: Feet  Alternate II completion, cement circulated from:
V NE NW SE SW  Dounty: Stafford  Passe Name: Heyen B Well #: 17  Peld Name: Richardson  Producing Formation: Arbuckle  Pevation: Ground: 1814 Kelly Bushing: 1822  Plug Back Total Depth: 3524'  Phount of Surface Pipe Set and Cemented at: 218 Feet  Puttiple Stage Cementing Collar Used? Yes ✓ No  Producing Formation: Yes ✓ No  Producing Formation: Feet  Alternate II completion, cement circulated from: Feet
Pounty: Stafford  Passe Name: Heyen B Well #: 17  Peld Name: Richardson  Producing Formation: Arbuckle  Pevation: Ground: 1814 Kelly Bushing: 1822  Plug Back Total Depth: 3524'  Phount of Surface Pipe Set and Cemented at: 218 Feet  Puttiple Stage Cementing Collar Used? Yes No  Proves, show depth set: Feet  Alternate II completion, cement circulated from:
Heyen B Well #:
eld Name:Richardson
evation: Ground: 1814 Kelly Bushing: 1822  tal Depth: 3530' Plug Back Total Depth: 3524'  mount of Surface Pipe Set and Cemented at: 218 Feet  ultiple Stage Cementing Collar Used? Yes No  yes, show depth set: Feet  Alternate II completion, cement circulated from:
evation: Ground: 1814 Kelly Bushing:
rount of Surface Pipe Set and Cemented at: 218 Feet ultiple Stage Cementing Collar Used? Yes No  yes, show depth set: Feet Alternate II completion, cement circulated from:
rount of Surface Pipe Set and Cemented at: 218 Feet ultiple Stage Cementing Collar Used? Yes No  yes, show depth set: Feet Alternate II completion, cement circulated from:
rount of Surface Pipe Set and Cemented at: 218 Feet ultiple Stage Cementing Collar Used? Yes No  yes, show depth set: Feet Alternate II completion, cement circulated from:
ultiple Stage Cementing Collar Used? Yes No  yes, show depth set: Feet Alternate II completion, cement circulated from:
yes, show depth set: Feet  ### Alternate II completion, cement circulated from:
Alternate II completion, cement circulated from:
·
et depth to: sx cirit.
rilling Fluid Management Plan lata must be collected from the Reserve Pit)
hloride content: 4000 ppm Fluid volume: 500 bbls
ewatering method used: haul by truck RECEIVED
ocation of fluid disposal if hauled offsite: OCT 1 3 2011
perator Name: LaVeta Oil & Gas
ease Name: Heyen CJ #1 License #: 432432VICHITA
uarter NW Sec. 32 Twp. 22 S. R. 11 ☐ East ✓ West
ounty: Stafford Permit #: DO2847
Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, sion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information ed in writing and submitted with the form (see rule 82-3-107 for confiden-

#### **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.

Signature:	Thi	i Zaa	0	
Title: OAC	A	ent	Date: 9 - 26 - 1/	

KCC Office Use ONLY										
Letter of Confidentiality Received										
Date:										
Confidential Release Date:										
, Wireline Log Received										
Geologist Report Received										
UIC Distribution										
ALT I II III Approved by: Date: 10   S										

#### Side Two

Operator Name: <u>LaVe</u>	eta Oil & Gas		·	Lease I	Name: _	reyen B	· · · · · · · · · · · · · · · · · · ·	_Well #: <u>17</u>		
Sec. 31 Twp.22	S. R. <u>11</u>	☐ East	West	County	: Staffe	ord				
INSTRUCTIONS: Show time tool open and close recovery, and flow rates line Logs surveyed. Att	ed, flowing and shut if gas to surface te	∹in pressur st, along wi	es, whether s th final chart(s	hut-in pres	sure read	ched static level,	hydrostatic press	sures, bottom l	nole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional Sh	, and to	✓ Yes	S No		□L(	og Formation	n (Top), Depth an	d Datum	<b>V</b>	Sample
•	•				Nam	е		Тор		Datum
Samples Sent to Geolog	gical Survey	Yes		·	Brown			3204	•	1382
		✓ Yes	☐ Yes		B.K.C.	•		3229 3476	-1407 -1654	
(If no, Submit Copy)					Arbuci	kle		3525	-1	1703
List All E. Logs Run:								•	ч	
		i								
	<u> </u>	Report		RECORD	Ne	w Used	on, etc.			,
Purpose of String	Size Hole Drilled	Size	Casing In O.D.)	Weight Lbs.	ght	Setting Depth	Type of Cement	# Sacks Used		and Percent
surface pipe	12 1/4"	8 5/8"		24#	· · · · · · · · · · · · · · · · · · ·	218'	60/40	250	1	& 2%gel
production	7 7/8"	5 1/2"		15.50#		3524'	AA2 60/40	150	60/40	poz
								,		<b>+</b>
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD				,
Purpose:  —— Perforate	Depth Top Bottom	Туре	of Cement	# Sacks Used Type and Percent Additives						
Protect Casing Plug Back TD										
Plug Off Zone										
						<u> </u>				T
Shots Per Foot	PERFORATION Specify I	ON RECORE	O - Bridge Plug ach Interval Per	s Set/Type forated	Set/Type Acid, Fracture, Shot, Cement Squeeze Recorated (Amount and Kind of Material Used)					Depth
		• •	,	-			W-9-4-FF			
		w								1
							f			
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:	Yes ✓ No	-	, . h	<u> </u>
Date of First, Resumed P	7/8"	3503'	Producing Met	N/A hod:		LL				
Date of First, Nesdified F	Todaction, OVVD of Liv		Flowing	✓ Pumpir	ıg 🗌	Gas Lift C	Other (Explain)		· · · · · · · · · · · · · · · · · · ·	
Estimated Production Per 24 Hours	0il 27	Bbls.	Gas 0	Mcf	Wat	er Bi 30	bls.	Gas-Oil Ratio		Gravity 38
DISPOSITIO	N OF GAS:			METHOD OF	COMPLI	ETION:		PRODUCTI	ON INTER	 RVAL:
Vented Sold	Used on Lease	<b></b> ✓ o	pen Hole	Perf.	Dually	Comp. Cor	nmingled			
(If vented, Subn			ther (Specify) _		(Submit	ACO-5) (Subi	mit ACO-4)			



#### **DRILLING INFORMATION** AND GEOLOGICAL REPORT

Operator:

LaVeta Oil & Gas

Lease:

#17 Heyen B

Survey:

650' FNL & 2480' FEL, Section 31-22S-11W

Field:

Richardson

County:

Stafford

State:

Kansas

Contractor:

Fossil Drilling, Rig 2

Elevation:

1814' GL / 1822' KB

**Surface Casing:** 

8-5/8" @ 221'

**Production:** 

5-1/2"

Mud Up:

2822'

Geologist:

3152'

Pipe Strap:

Strap @ 3530' (+2.49 long to the board)

Survey:

Straight hole @ 3530' (0 degree deviation)

Testing:

1-Trilobite

Log:

The Perforators-CDN/DI/Bottom Gamma

RTD:

3530'

LTD:

3529'

**Daily Penetration** 

08/27/11 Spud 08/28/11 228' 08/29/11 1784' 2885' 08/30/11, 08/31/1/1 3425' 09/01/11 3530'

1632 S. West St., Suite 12, Wichita , KS 67213 | P: 316.264.6066 | F: 316.262.6557

#### **Drill Stem Test**

<u>DST #1 3507' to 3530'</u>. Strong blow building to bottom of bucket in 2 minutes on the initial flow period. Strong blow building to bottom of the bucket in 3 minutes of the second flow period. Recovered: 660' GIP, 434' MO (90% oil and 10% mud), 496' SWCGO (60% gas, 30% oil and 10% water) and 806' MW. IFP/30" 80-402#, ISIP/45"1183#, FFP/45"412-726#, FSIP/60"1179#.

#### **Formation Tops**

<u>Formation</u>	Sample Top	<u>Datum</u>	Log Top	<u>Datum</u>	Structural Comparison*
Heebner	3065'	-1243	3063'	-1241	flat
Toronto	3082'	-1260	3080'	-1258	flat
Douglas	3097'	-1275	3095'	-1273	+1
Brown Lime	3204'	-1382	3202'	-1380	flat
Lansing	3229'	-1407	3227'	-1405	flat
B/KC	3476'	-1654	3472'	-1650	flat
Arbuckle	3525′	-1703	3522'	-1700	flat
Total Depth	3530′	-1708	3529'	-1707	-1

<sup>\*</sup>Reference well for structural comparison: LaVeta Oil & Gas, #B-13 Heyen, 1200' FNL and 2480' FEL Section 31-22-11W, Stafford County, Kansas

#### Zones of Interest - See Enclosed Strip Log

3316′-3325′	<u>Lansing /KC "G" Zone</u> . Limestone, cream, white to gray, fine crystalline with rare scattered oolicastic porosity, sub-chalky. There was a faint odor in the fresh sample with no show of free oil.
3363'-3368'	<u>Lansing /KC "H" Zone</u> . Limestone, cream to light tan, oolitic to oolicastic with fair to good inter-oolicastic porosity. There was a faint odor in the fresh sample with a slight showing of free oil. Mostly barren.
3402'-3407'	<u>Lansing / KC "J" Zone.</u> Limestone, cream to light tan, fine crystalline with scattered oolitic / oolicastic porosity. There was a faint odor in the fresh sample with a fair show of free oil.
3447'-3450'	<u>Lansing / KC "K" Zone.</u> Limestone, cream, white, light tan to gray fine crystalline with scattered fossiliferous and oolitic pieces. Sub-cherty in part. There was a very faint odor in the fresh sample with no show of free oil.

#### **Zones of Interest - Continued**

3525'-3530'

Arbuckle Formation. Dolomite, tan, cream to gray. Fine to medium crystalline and sucrosic. Poor to fair inter-crystalline porosity with trace scattered vuggy porosity. Good strong odor in the fresh sample with a slight showing of free oil and gas bubbles. There was some scattered uniform brown staining. This zone was covered in DST #1.

#### **Comments and Recommendations**

All tops have been corrected to the electric log for structural comparison. This test ran structurally flat to the producing well, directly south of this test on the top of the Lansing / Kansas City and the Arbuckle, which is the primary producing horizon in the Richardson Field.

A good strong odor was noted after penetrating the Arbuckle with slight shows of free oil, gas bubbles and some uniform brown staining. This zone was embraced in Drill Stem Test #1 and recovered commercial shows of oil and formation water with excellent bottom hole pressures. It was therefore recommended that an oil string of casing be set to further test this well.

The drill cuttings have been delivered to the Kansas Geological Survey.

Respectfully submitted,

Bruce A. Reed – Wellsite Geologist

ALLIED CEMENTING CO., LLC. 037269

REMIT TO	P.O. BOX 31 RUSSELL, KANSAS 67665	٠.,
٠,		

SERVICE POINT:

G-CHT Benilus

					T
DATE 8-27-11 SEC. TWP 22		CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE HEYEN B WELL# 17	LOCATION Had	SON SEFSI	<u> </u>	Stattand	STATE
OLD OR NEW (Circle one)	Southing	$T_{\mathcal{O}}$		<u>.</u>	
CONTROL OFFICE	· •		0 11=1=		ـ ۾ د
	-1111 mg Rig Z	OWNER L	H UCTA	0,170	<u> </u>
TYPE OF JOB Surface HOLE SIZE 12七	T.D. 228	CEMENT		recorder Section	
CASING SIZE 8 5	DEPTH 721	AMOUNT ORI	DERED 250	SX 601/4	10+3200
TUBING SIZE	DEPTH	+ 296	GE)		
DRILL PIPE	DEPTH	200 # Su			
TOOL	DEPTH	344			÷., ., .
PRES. MAX	MINIMUM	COMMON		_@	<u> </u>
MEAS. LINE	SHOE JOINT	POZMIX		@	
CEMENT LEFT IN CSG. 15		GEL		@	
PERFS.	ж 1	CHLORIDE	1	_@	<u> </u>
DISPLACEMENT 13.25 BB	<u>LS</u>	ASC		_@	
EQUIPM	ENT	:			
		·	•		
PUMP TRUCK CEMENTER U	vayne Bab	<del></del>		$-{}^{@}_{@}$ RECEIVE	D
# 398 HELPER Sh	aue			~~	
BULK TRUCK				- <b>CCT 13-2</b> @	UII
#341 DRIVER Ye	i N	·		KEC MICH	IITÀ
BULK TRUCK				··OO WICH	IIIA
# DRIVER	<u> </u>	— HANDLING_			
		MILEAGE		· · · · · · · · · · · · · · · · · · ·	·
- REMAR	KS:	see u		TOTAL	· <u></u>
Break circulation Mix SX 60/40 3 + 1. Flobeal Shut Down Re	%c+2%cc1		SERVI	ICE	
Displace 13.25 BBL		PUMP TRUCK	CHARGE	•	7
	nent did	EXTRA FOOT	AGE	@	
Ci-culate 1886wa					
Set Seller 155x		— MANIFOLD _			
			e e e		<u> </u>
				@	· · · · ·
CHARGE TO: LA Vete	10:1+695		· .		
STREET				TOTAL	-
CITYSTATE	ZIP		PLUG & FLOA	т кошрмки	<b>JT</b>
	•		i LUG & FLUA	T DAOH MINI	<b>**</b>
					<del></del>
				@	
* ' '			<del></del>		
To Allied Cementing Co., LLC.				@ @	·
You are hereby requested to ren		t			
and furnish cementer and helpe		-			
contractor to do work as is liste	•			TOTAL	
done to satisfaction and supervi				TOTAL	· ————
contractor. I have read and und			If Any)		·
TERMS AND CONDITIONS"	listed on the reverse sid	uc.		•	
	· .,	TOTAL CHAR	RGES	·	· · · · · · · · · · · · · · · · · · ·
PRINTED NAME		DISCOUNT _	·	IF PA	ID IN 30 DAY
		2.3000111		o significant	
SIGNATURE	1-		,		•
	<del></del>	<del></del> -			

### GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "ALLIED" shall mean Allied Cementing Co., LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "Merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

- —TERMS: Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to ALLIED before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of ALLIED, refunded directly to CUSTOMER. For purposes of this paragraph, ALLIED and CUSTOMER agree that Kansas law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.
- —ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.
- —PRICES AND TAXES: All merchandise listed in ALLIED'S current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.
- —TOWING CHARGES: ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.
- —PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.
- —DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.
  - -SERVICE CONDITIONS AND LIABILITIES:
- 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. CUSTOMER shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:
- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:
- (B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.
- 2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.
- 3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.
- 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal-use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.
  - 2. More specifically:
- (A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.
- (B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.
- (C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.



energy services, L.P.

## TREATMENT REPORT

	. <del></del>	<del>,</del>	7 T 1000	No Mo	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ONE.	Data			<del></del>
Customer //	ETA	OZCE	OH			ed arias	Date	in and the same of		
Lease //	EYEN	/ 'B	/ Well #	* /フ	i i		9	1-1-1	1	
Field Order #	Station		77.15	Casir	195/ Depth	524	County 572	177014	) St	ate // 5
Type Job	CNU	1-101	WESTR	DUC	Formation	7/) -	3530	Legal Descri	ption 3/	-22-11
PIPE	DATA	PERF	ORATING DA	TA FLUI	D USED		TREAT	TMENT RE	SUME	
Casing Size	Tubing Siz	ze Shots/F	t j	Acid	7-94 0 (-9-6)-9	F	RATE PRE	SS - IS	SIP	· ·
Depth 24	Depth	From	То	Pre Pad		Max	٠.	5	Min.	
Volume	Volume	From	То	Pad		Min		10	Min.	1,
Max Press	Max Pres	s From	То	Frac		Avg		15	Min.	
Well Connection	n Annulus V	/ol. From	То			HHP Used		Ar	nnulus Press	sure
Plug-Depth	Packer De	epth From	То	Flush		Gas Volum			otal Load	
Customer Rep	resentative	BEN	WIE S	tation Manager	SCOTTY	/	Treater	-ous	156	
Service Units	1990	7	33708	-ZE 920		9832	21010	ر ر	REC	EIVE
Driver Names	116	· · · · · · · · · · · · · · · · · · ·	J	OE \$ 1		JR			- 00-	LIVED
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate			Servi	ce Log	001	1 3 2011
1700					OW	LOC	47207		KCC 14	ACHITA .
									H	
					Kun	3532	5/4/	5.5%	15C-	92 Jr
, ,		[].			PACKE	TR SITE	BE LH	TOIL BU	FFIE 1	n /5tn/164
		ž.	Y .	2.413	CONT	<u>-/-3</u>	1-5	Butski	=/-	2
	····				BUST	1 13	26 7	m Be	Ton	1
2020	1600				DROP	BILL	- SET /	PICKER	SHOF,	AT 3524
·			<u> </u>			60	FF B	0110m		<del></del> :
2030	200		12	6	Rug	15/	2 66!	Muy	Frus,	M
	200		5	6	Pin	411	5 661	! Hz	ا ب	
٠	200	<u> </u>	36	6	1112	TX /		AHZ		
	rent to the second				14 71	EIIFIA	11E -2	1. DETO	AMEX.	10% SMT
·					- 5% C	R 1%	(9115 th	016,13	1- FRA	-322
		·			57/5	RSON	ITTE 1	MT 15	25 P	199./136
<u> </u>					5707	- WA	5/1 LD	UE - A	SKOZ	TULL
	0		0	6/2	<u> </u>	7974	1315	<u> </u>	- Andrews	
	200		62	6/2		LIF.	T Con	NEW 1		
	600		78			360	WKA	5 =		· 1
2105	1504	<b>&gt;</b> a <sub>a.y.</sub>	1313	<u> </u>	52	-JZ	111-11	SOWK	1-/12	1
					MAL	PAT	HOLG -	5054	60/Un	100
71		ř .			The	MOL	NP /K	16:20	1 (1.1. 1	Mapaz
2200		04.5	20 Boy 96	12 o Prott. K	S 67124-96	0 (000	100 to	Tyzal T	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	1311

Taylor Printing, Inc. 620-672-3656



10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124 Phone 620-672-1201

# FIELD SERVICE TICKET

1718 **04346** A

	PRESSURE PUM	PING & WIHELINE		•		<b>.</b>	DATE .	TICKET NO			
DATE OF 9	1/11	DISTRICT PRATI	15		NEW CV	VELL   F	ROD IN	J 🗌 WDW	_8	USTOMER RDER NO.:	
CUSTOMER_	a VETY	9 022 46	PAS CC	10	LEASE /	EYE	EN '	<u> </u>		WELL NO.	ク
ADDRESS					COUNTY	ME	FORD	STATE	1/5		-
CITY		STATE			SERVICE CR	EW /	14 700	E. JR	u	OUT!	71
AUTHORIZED B	BY				JOB TYPE:	CW		LOWES	•		
EQUIPMENT	r# HRS	EQUIPMENT#	HRS	EQI	JIPMENT#	HRS	TRUCK CAL	LED (	DAT	E/ AM TIN	VIE VIE
1940	/	191832			· · · · · · · · · · · · · · · · · · ·		ARRIVED A	Г JOB		يرسب لأممه	00
	(z	21010			- ' '	<u> </u>	START OPE	RATION		AM PM	
33/0	8		<u> </u>	•	<del></del>		FINISH OPE	RATION		AM PM	
1072	0						RELEASED		$\overline{}$	AM PM	
			1 2	- 1		14	<u> </u>	M STATION TO	WELL		=
products, and/or su become a part of the	d is authorized to opplies includes all his contract withou	TRACT CONDITIONS: (This execute this contract as an a of and only those terms and t the written consent of an of	gent of the cus conditions app ficer of Basic E	stomer. A learing on Energy Se	s such, the unders the front and back rvices LP.	signed agree t of this doo S	es and acknow cument. No addi IGNED: (WELL OWN	ledges that this cortional or substitute  ER, OPERATOR, (	CONT	and/or condition	s shall GENT)
ITEM/PRICE REF. NO.	N	MATERIAL, EQUIPMENT	AND SERVI	CES US	ED	UNIT	QUANTITY	UNIT PRIC	E	\$ AMOUN	ıτ
UP105	MATT	PANIAN	<u> </u>	· ·		51	150			2550.	ىد
CP103	60	40702				SK.	30			360.	00
ac107	(EZL	outile	٠٠,	· · · · · ·		115.	38	<u> </u>	<u> </u>	140.	100
UC105	NEF	OHNER			· · ·	// .	29		·	1/6,	20
dc 111	5/12	<u> </u>		•		112	681			340.	50
CC 1/2	2	12 12 - 16	•,		<del> </del>	12.	43			2701	12
00115 00129	1	AS BLOK			· · · · · · · · · · · · · · · · · · ·	112.	141			122	
CC 201		GIZSOWI	72			14.	750			502	. 50
<u> </u>	6	- rejous	1 lines				/ /				
14607	511	LUTCH NOL	UN F	211		EN	/			400	10
1001	51/2	PACKER	SHOE			PA	1			3700.	· .
DE1651	51/	TURBOLT	TEIL	d.u.,		TOP	7	RECENT		330	0
ME 1901	511	ZIKKE				PA	7	POEIVE	)	290,	0
	7			1 .	· les		,	OCT 43-20	14		1
E100	PICK	UP JITTE		<del>".</del>	4	1110	40	20	11	170.	00
E10!	The	Il MITTE			<del></del>	11/10	S OK	C WICH!	ΓΛ	5100	كرر
<u> </u>	1311	( / No DV	EXH			Tu	334	· · · · · ·	7	534	4
	<u> </u>				<del></del>	<u></u>		<u> </u>	L:		
СНІ	EMICAL / ACID DA	ATA:	· .		•			SUB TO	TAL		
				SEI	RVICE & EQUIP	MENT	%TA	X ON \$		·····	1
-	· · · · · · · · · · · · · · · · · · ·			MA	TERIALS		%TA	X ON \$			
						1.		ТО	TAL ·		

FIELD SERVICE ORDER NO.

REPRESENTATIVE

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

#### **Agreement of Terms and Conditions**

All sales of services, products, or materials by Basic Energy Services LP, (hereinafter called BES) to any Customer, unless otherwise set out in writing, are subject to the terms and conditions set out herein.

#### Terms:

All Service Charges and materials included in service price list are NET. Unless satisfactory credit has been established, cash payment will be required in advance. Credit Customer agrees to pay BES in its office in Cisco, Texas, for all services and materials on or before the 20th of the following month after the date of the invoice. Customers invoice is considered in default if payment has not been received by the last day of the month following the month in which the invoice is dated and services delivered. Past due accounts will be subject to a charge for interest at the highest rate allowable by law, and if placed in the hands of an attorney for collection, Customer agrees to pay all collection costs, reasonable attorney fees and court costs.

#### Taxes:

All prices are exclusive of any Federal, State or Special Taxes imposed on the sale or use of the merchandise and services listed, which taxes.will be added to quoted prices where applicable. If payment of any applicable royalty or license fee is required in connection with any service performed by BES for Customer, such royalty or license fee will be billed to the Customer in addition to the price of the services performed.

#### **Special Pricing Provisions:**

All materials listed in the price schedule are F.O.B. our field stock.

All prices are subject to change without notice.

The prices in this price list apply to normal operations. Special jobs under unusual circumstances on jobs requiring unusual mobilization of equipment and/or personnel, such as blowouts, experimental jobs, etc., are to be subject to special price quotations.

Orders for products of special design, size or materials are not subject to cancellation after processing of such order has begun by BES. Equipment altered, made to Customer's specifications, or requiring special handing, is subject to special prices.

If materials or services are ordered and the Customer cancels same after the materials have been prepared, a charge will be made to the Customer for expenses incurred.

Customer states that the well and all support personnel and services not being supplied by BES are ready and in condition to receive the materials and services being supplied by BES. Customer will be subject to a charge for "stand-by" time incurred by BES. For all BES services, stand-by time is all time our equipment is on location prior to commencement of operations or after completion of operations and is not operating for reasons not within the control of BES. Stand-by time is calculated from time of arrival on location or arrival time as scheduled by Customer, whichever is later, and until equipment is released by Customer.

#### **Towing Charges:**

We will make reasonable attempts to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer. In either event, Customer assumes liability for any damages arising from such pulling or arising from inadequate access to the well site.

#### Product Return:

Any BES Products that have been in the hands of the Customer, if not special or obsolete, will be accepted for credit, subject to our approval and inspection, if they are new unused and in salable condition. The Customer will pay the return freight, and will receive credit at the original purchase price less the original outbound freight. Any material classified or ordered as special is not subject to return or cancellation privileges.

#### Service Warranty:

There are obviously many conditions in and about the well which we can have no knowledge and over which we can have no control. Therefore, we do not guarantee any particular results from services to be performed hereunder. In interpreting information and making recommendations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom, BES will give Customer the benefit of its best judgment based on its experience in the field. However, due to the Customer's control of the well the impracticality of providing BES with all the data concerning same, and the necessary reliance of BES upon supporting services, data and facts supplied by others, BES does not guarantee or warrant the accuracy or correctness of any facts, information or data furnished by BES or any interpretation of tests, meter readings, chart information, analysis of research or recommendations made by BES, unless caused by the willful misconduct or gross negligence of BES in the preparation of furnishing of such facts, information or data and NO WARRANTY IS GIVEN CON-CERNING THE RECOMMENDATIONS MADE OR SERVICES RENDERED BY THE COMPANY AND NO WARRANTY IS MADE CONCERNING THE RESULTS SOUGHT TO BE OBTAINED THROUGH USE OF MATERIALS RECOMMENDED BY THE COMPANY. The Company's liability for injury to all persons or damage to any property or property rights, including but not limited to reservoir damage sub-surface trespass or drainage, etc., occasioned by reason of materials sold or rented or services performed hereunder shall be limited to those occurring due to the acts of willful misconduct or gross negligence of BES, and Customer agrees to be responsible for and indemnify BES against any loss or damage it may sustain by reason of materials sold or rented or services performed hereunder, unless such loss or damage is caused by the willful misconduct or gross negligence of BES.

#### **Product Warranty:**

BES warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended, and that it can convey good title there-THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED. OR MERCHANTABILITY, FITNESS OR OTH-ERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BES's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale of use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on the return to BES or at BES's option, to the allowance to the customer of credit for the cost of such items. In no event shall BES be liable for special, incidental, indirect, punitive or consequential damages.

#### Service Conditions:

Because there are so many uncertain and unknown conditions not subject to our control, we can neither be liable for injuries to property or persons not for loss or damage arising from the performance of our services or resulting therefrom.

BES shall not be liable or responsible for a Customer shall defend, indemnify, and save BES harmless, and its officers, agents or employees, from and against any and all claims or causes of action for damage to Customer's property and of the well owner, or any third person, and for bodily injury, sickness or disease, including death resulting thereof, brought by or on behalf of Customer, the well owner, or any third person, arising out of or in connection with BES's performance of services or the furnishing of materials, products and supplies, unless caused by the willful misconduct or gross negligence of BES.

Customer shall also be responsible for and shall defend, indemnify and save BES harmless, and its officers, agents or employees, from and against any and all claims, causes of action and liabilities for damages occur-

ring as a result of sub-surface trespass arising out of any oil well operations or services performed by BES, this provision applying to any claims or legal actions or royal-ty owners, working interest holders, overriding royalty interest holders, or any other person or concern.

Should any of our equipment, tools or instruments become lost in the well when performing or attempting to perform our services hereunder, it is understood that the Customer shall make reasonable effort to recover the lost equipment. The Customer shall assume the entire responsibility for such fishing operations in the recovery or attempted recovery of any such lost equipment, tools or instruments and if such equipment, tools or instruments are not recovered, Customer shall pay BES its replacement cost unless such loss is due to the sole negligence of BES. If BES's equipment, tools or instruments are damaged in the well, Customer shall pay BES the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of BES.

Work done by BES shall be under the direction, supervision and control of the owner, operator, or his agent and BES will perform the work as an independent contractor and not as an employee or agent of the owner or operator.

The Customer shall at all times have complete care, custody and control of the well, the drilling and production equipment at the well and the premises about the well.

Any delays or failure by BES in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident riot, acts of God, or any contingencies beyond the reasonable control of BES. Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

#### **General Provisions:**

Wherever the initials BES appear in this document, they are intended solely to be an abbreviation of Basic Energy Services LP, and are used in substitution of such full name as if the full name were set out in each instance.

Any modifications of this document by the Customer, and all additional or different terms included in the Customer's purchase order or any other document responding to this document, are hereby objected to BY REQUESTING ANY OF THE GOODS AND SERVICES SET FORTH HEREIN BUYER AGREES TO ALL THE TERMS AND CONDITIONS CONTAINED IN THIS DOCUMENT.

BES reserves the right to change or modify the design of any BES product without obligation to furnish or install such changes or modification on products previously or subsequently sold

Information regarding our services rendered in Customer's well is held in strict confidence and will be released to others only upon written approval by owner, or when required by Federal, State or Local Laws, Regulations, Orders or Ordinances, or for use as evidence in court proceedings involving the subject matter of services rendered.

Failure to enforce any or all of the herein specified terms or conditions in any particular instance shall not constitute a continuing waiver, or preclude subsequent enforcement thereof.

No employee, representative or agent other than an officer of BES is empowered to alter any of the herein specified terms and conditions.

These terms and condition shall be governed by the laws of the State of Texas, and in case of any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, such shall not affect any other provision hereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.



できる かけんしゅう かんかん かんしゅう

\*\*

10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124 Phone 620-672-1201

#### FIELD SERVICE TICKET

1718 04347 -A

POW TZWUNT ION

DATE TICKET NO. 04346

		<u> </u>					DATE	TICKET NO.			
DATE OF JOB	1./11	DISTRICT FRAT	1.1/25		NEW D	OLD	PROD [] INJ	□WDW	□8	USTOMER PRDER NO.:	
CUSTOMER/OVEM OR & CHE UC						FEVE	W.	B		WELL NO.	/7
ADDRESS		COUNTY	57)	HON	STATE	13	<del></del>	•			
CITY		STATE		SERVICE C	REW /S.	C 700	: JR	ie	CKTH	=	
AUTHORIZED B	Υ				JOB TYPE:	Ow	w-ce	owes?	72	DUC)	
EQUIPMENT	# HRS	EQUIPMENT#	HRS	EQL	IIPMENT#	HRS	TRUCK CALI	LED	DAT	E AM TIN	ΝE
		+					ARRIVED AT	JOB		AM PM	
			1				START OPE	RATION	-	AM PM	
						<u> </u>	FINISH OPE	RATION		AM PM	
				·		<del>                                     </del>	RELEASED			AM	
			1			+	MILES FROM	A STATION TO	WEL		
products, and/or su become a part of th	pplies includes all is contract withou	execute this contract as an ag of and only those terms and c it the written consent of an offi	onditions ap cer of Basic	ppearing on Energy Se	the front and bac rvices LP.	ck of this do	cument. No addit	edges that this continued or substitute	terms	and/or condition	s shall
ITEM/PRICE REF. NO.	۸	MATERIAL, EQUIPMENT A	ND SERV	/ICES USI	ED	UNIT	QUANTITY	UNIT PRIC	E	\$ AMOUN	IT.
CELO4	Home	1 /1/httle			·	Đ4		<u> </u>		2160	0
CEZ40	BLE	WISENCO	442	MC		SK	180	· · · · · · · · · · · · · · · · · · ·		2.52	20
(F504	RA	16 COWTH	ZWE			191	/		<u> </u>	250,	0
5003	57-	Wille Suf	2141.	E501		en.		<u> </u>		175	Oc
		<u> </u>	2 · ·		x			<u> </u>	ļ		<del>                                     </del>
		<del></del>		<u> </u>	·	<del></del>		<del></del>	-	<u> </u>	-
				· ·		<del> </del> -		· · · · · · · · · · · · · · · · · · ·	<del>                                     </del>		
	<del></del>		<del></del>			<del> </del>					+
				٠.					<b></b>		+
			<del></del>			1.					+ .
		. :			•				F	ECEIVED	,
	-4			•.					n!	7 12 22	
									-	3 201	1
		<i>f</i>		:				=-i $K$	CC	1440	
									~~	VVICHIT	A
	<u> </u>				<u> </u>				<u> </u>		1
•			· · · · ·	•							1
			<del> </del>	<u> </u>			<u> </u>	<u></u>	<u> </u>		1
СНЕ	EMICAL / ACID D				:			SUB TO	TAL	11,1574.	34
	· · ·			1 .	RVICE & EQUI	PMENT		X ON \$			
				MA	TERIALS		%TA	K ON \$	•		
								TO	TAL		•
* · · · · · · · · · · · · · · · · · · ·											

SERVICE REPRESENTATIVE K GOPNEN

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

#### **Agreement of Terms and Conditions**

All sales of services, products, or materials by Basic Energy Services LP, (hereinafter called BES) to any Customer, unless otherwise set out in writing, are subject to the terms and conditions set out herein.

#### Terms:

All Service Charges and materials included in service price list are NET. Unless satisfactory credit has been established, cash payment will be required in advance. Credit Customer agrees to pay BES in its office in Cisco, Texas, for all services and materials on or before the 20th of the following month after the date of the invoice. Customers invoice is considered in default if payment has not been received by the last day of the month following the month in which the invoice is dated and services delivered. Past due accounts will be subject to a charge for interest at the highest rate allowable by law, and if placed in the hands of an attorney for collection, Customer agrees to pay all collection costs, reasonable attorney fees and court costs.

#### Taxes:

All prices are exclusive of any Federal, State or Special Taxes imposed on the sale or use of the merchandise and services listed, which taxes will be added to quoted prices where applicable. If payment of any applicable royalty or license fee is required in connection with any service performed by BES for Customer, such royalty or license fee will be billed to the Customer in addition to the price of the services performed.

#### **Special Pricing Provisions:**

All materials listed in the price schedule are F.O.B. our field stock.

All prices are subject to change without notice.

The prices in this price list apply to normal operations. Special jobs under unusual circumstances on jobs requiring unusual mobilization of equipment and/or personnel, such as blowouts, experimental jobs, etc., are to be subject to special price quotations.

Orders for products of special design, size or materials are not subject to cancellation after processing of such order has begun by BES. Equipment altered, made to Customer's specifications, or requiring special handing, is subject to special prices.

If materials or services are ordered and the Customer cancels same after the materials have been prepared, a charge will be made to the Customer for expenses incurred.

Customer states that the well and all support personnel and services not being supplied by BES are ready and in condition to receive the materials and services being supplied by BES. Customer will be subject to a charge for "stand-by" time incurred by BES. For all BES services, stand-by time is all time our equipment is on location prior to commencement of operations or after completion of operations and is not operating for reasons not within the control of BES. Stand-by time is calculated from time of arrival on -location or arrival time as scheduled by Customer, whichever is later, and until equipment is released by Customer.

#### **Towing Charges:**

We will make reasonable attempts to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer. In either event, Customer assumes liability for any damages arising from such pulling or arising from inadequate access to the well site.

#### Product Return:

Any BES Products that have been in the hands of the Customer, if not special or obsolete, will be accepted for credit, subject to our approval and inspection, if they are new unused and in salable condition. The Customer will pay the return freight, and will receive credit at the original purchase price less the original outbound freight. Any material classified or ordered as special is not subject to return or cancellation privileges.

#### Service Warranty:

There are obviously many conditions in and about the well which we can have no knowledge and over which we can have no control. Therefore, we do not quarantee any particular results from services to be performed hereunder. In interpreting information and making recommendations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom, BES will give Customer the benefit of its best judgment based on its experience in the field. However, due to the Customer's control of the well the impracticality of providing BES with all the data concerning same, and the necessary reliance of BES upon supporting services, data and facts supplied by others, BES does not guarantee or warrant the accuracy or correctness of any facts, information or data furnished by BES or any interpretation of tests, meter readings, chart information, analysis of research or recommendations made by BES, unless caused by the willful misconduct or gross negligence of BES in the preparation of furnishing of such facts, information or data and NO WARRANTY IS GIVEN CON-CERNING THE RECOMMENDATIONS MADE OR SERVICES RENDERED BY THE COMPANY AND NO WARRANTY IS MADE CONCERNING THE RESULTS SOUGHT TO BE OBTAINED THROUGH USE OF MATERIALS RECOMMENDED BY THE COMPANY. The Company's liability for injury to all persons or damage to any property or property rights, including but not limited to reservoir damage sub-surface trespass or drainage, etc., occasioned by reason of materials sold or rented or services performed hereunder shall be limited to those occurring due to the acts of willful misconduct or gross negligence of BES, and Customer agrees to be responsible for and indemnify BES against any loss or damage it may sustain by reason of materials sold or rented or services performed hereunder, unless such loss or damage is caused by the willful misconduct or gross negligence of BES.

#### **Product Warranty:**

BES warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended, and that it can convey good title there-THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS OR OTH-ERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BES's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale of use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on the return to BES or at BES's option, to the allowance to the customer of credit for the cost of such items. In no event shall BES be liable for special, incidental, indirect, punitive or consequential damages.

#### **Service Conditions:**

Because there are so many uncertain and unknown conditions not subject to our control, we can neither be liable for injuries to property or persons not for loss or damage arising from the performance of our services or resulting therefrom.

BES shall not be liable or responsible for a Customer shall defend, indemnify, and save BES harmless, and its officers, agents or employees, from and against any and all claims or causes of action for damage to Customer's property and of the well owner, or any third person, and for bodily injury, sickness or disease, including death resulting thereof, brought by or on behalf of Customer, the well owner, or any third person, arising out of or in connection with BES's performance of services or the furnishing of materials, products and supplies, unless caused by the willful misconduct or gross negligence of BES.

Customer shall also be responsible for and shall defend, indemnify and save BES harmless, and its officers, agents or employees, from and against any and all claims, causes of action and liabilities for damages occur-

ring as a result of sub-surface trespass arising out of any oil well operations or services performed by BES, this provision applying to any claims or legal actions or royal-ty owners, working interest holders, overriding royalty interest holders, or any other person or concern.

Should any of our equipment, tools or instruments become lost in the well when performing or attempting to perform our services hereunder, it is understood that the Customer shall make reasonable effort to recover the lost equipment. The Customer shall assume the entire responsibility for such fishing operations in the recovery or attempted recovery of any such lost equipment, tools or instruments and if such equipment, tools or instruments are not recovered, Customer shall pay BES its replacement cost unless such loss is due to the sole negligence of BES. If BES's equipment, tools or instruments are damaged in the well, Customer shall pay BES the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of BES.

Work done by BES shall be under the direction, supervision and control of the owner, operator, or his agent and BES will perform the work as an independent contractor and not as an employee or agent of the owner or operator

The Customer shall at all times have complete care, custody and control of the well, the drilling and production equipment at the well and the premises about the well.

Any delays or failure by BES in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident riot, acts of God, or any contingencies beyond the reasonable control of BES. Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

#### **General Provisions:**

Wherever the initials BES appear in this document, they are intended solely to be an abbreviation of Basic Energy Services LP, and are used in substitution of such full name as if the full name were set out in each instance.

Any modifications of this document by the Customer, and all additional or different terms included in the Customer's purchase order or any other document responding to this document, are hereby objected to BY REQUESTING ANY OF THE GOODS AND SERVICES SET FORTH HEREIN BUYER AGREES TO ALL THE TERMS AND CONDITIONS CONTAINED IN THIS DOCUMENT.

BES reserves the right to change or modify the design of any BES product without obligation to furnish or install such changes or modification on products previously or subsequently sold.

Information regarding our services rendered in Customer's well is held in strict confidence and will be released to others only upon written approval by owner, or when required by Federal, State or Local Laws, Regulations, Orders or Ordinances, or for use as evidence in court proceedings involving the subject matter of services rendered.

Failure to enforce any or all of the herein specified terms or conditions in any particular instance shall not constitute a continuing waiver, or preclude subsequent enforcement thereof.

No employee, representative or agent other than an officer of BES is empowered to alter any of the herein specified terms and conditions.

These terms and condition shall be governed by the laws of the State of Texas, and in case of any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, such shall not affect any other provision hereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.



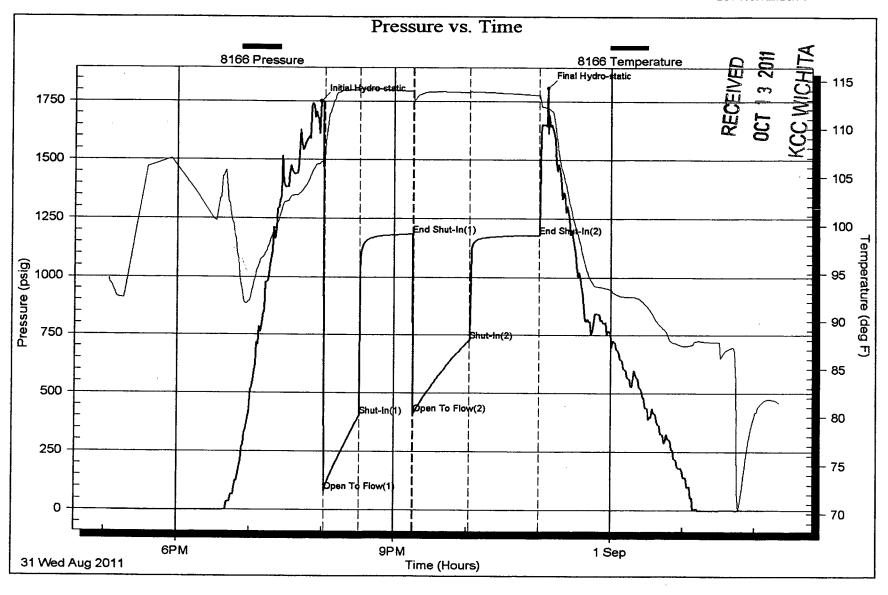
# RILOBITE ESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## **Test Ticket**

NO. 042550

	··· · · · · · · · · · · · · · · · · ·			<del></del>	
Well Name & No. He yen BF 1		Test No		_ Date <u> </u>	1-11
Company Laucta O. 1 4 G	05	Elevation/	822	KB//	<u>'/</u> GL
Address PO Box 780 M.	ddleburg VA	1. 20113			
Co. Rep/Geo. Martin 2 10 stell/	Bruc Recel	<u> Rig _ اً ح</u>		<b></b>	
Location: Sec. <u>31</u> Twp. <u>20</u> 5	Rge// w	Co <i></i>	ICRD	State	
Interval Tested 3507 - 3530	Zone Tested/	XR BUCKLE			
Anchor Length 3	Drill Pipe Run	2374		Mud Wt. 9.	S
Top Packer Depth 3540	Drill Collars Run	124	\	vis 7/8	
Bottom Packer Depth 350 7	Wt. Pipe Run			ML = 4, 2	
Total Depth3_5_3_O	Chlorides	SOO ppr	n System I	LCM	
Blow Description IF: SIRCNS 610	W BOB 2N	1:N			
ISI: World blow book					•
FF; STRONG blow BO	BBMIN				Ą
FSI: Wrak blow ba	c 15				
Rec 434' Feet of M.O		%gas ≤	70 %oil	%water	/O %mud
Rec 466 Feet of W.O.G		(00 %gas 3	O %oil	/ // %water	%mud
Rec 806 Feet of MM, W		%gas	%oil	95 %water	⇒ %mud
Rec Feet of	G1P	%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Total	Gravity <u>40.9</u>	API RW_/ -24/	<u> </u>	Chlorides $3/2$	
(A) Initial Hydrostatic 1750	☑ Test		_ T-On Loc	1 5	<u>'</u>
(B) First Initial Flow	☐ Jars		T-Started		
(C) First Final Flow	☐ Safety Joint		T-Open_	3 3 4 4 5	
(D) Initial Shut-In /153	☐ Circ Sub		T-Pulled	$\frac{3}{3}$	*
(E) Second Initial Flow 413	☐ Hourly Standby _		T-Out	nts MONSTEO	1 Plinip
(F) Second Final Flow	☑ Mileage <u></u> <u></u> <u>S</u> C	m. Les		400-1.0N	, , , ,
(G) Final Shut-In	☐ Sampler				
(H) Final Hydrostatic 1806	☐ Straddle		- 🔲 Ruin	ed Shale Packer	
377	☐ Shale Packer		- 🔲 Ruin	ed Packer	EIVED
Initial Open	☐ Extra Packer	·	- 🛚 Extra	Copies OCT 1	3 2011
Initial Shut-In 45	☐ Extra Recorder _				
Final Flow	☐ Day Standby		Total	- VOC W	CHITA
Final Shut-In	☐ Accessibility		MP/DS	Γ Disc't	· · · · · · · · · · · · · · · · · · ·
	Sub Total		- Jan 1 .		
Approved By		r Representative	La tra	22	
Trilobite Testing Inc. shall not be liable for damaged of any kind of the proper equipment, or its statements or opinion concerning the results of any test, to	ty or personnel of the one for whom a ols lost or damaged in the hole shall t	a test is made, or for any los be paid for at cost by the par	s suffered or sustaine ty for whom the test	ed, directly or indirectly, th is made.	rough the use of its





#### DRILL STEM TEST REPORT

Laveta Oil&Gas

Heyen B# 17

PO Box 780

Middleburg VA 20118

31-22s-11w Job Ticket: 42550

DST#:1

ATTN: Martin Ziegler/ Brucerg VA 20118

Test Start: 2011.08.31 @ 17:03:13

#### **GENERAL INFORMATION:**

Time Tool Opened: 20:01:43

Time Test Ended: 02:20:28

Formation:

**Arbuckle** 

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole

Tester:

Chris Staats

Unit No:

Reference Bevations:

1822.00 ft (KB)

1814.00 ft (CF)

Interval: Total Depth: 3507.00 ft (KB) To 3530.00 ft (KB) (TVD)

3530.00 ft (KB) (TVD)

Hole Diameter:

7.88 inchesHole Condition: Fair

KB to GR/CF:

8.00 ft

Serial #: 8166 Press@RunDepth: Outside

726.16 psig @

3508.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time:

2011.08.31 17:03:13

End Date: End Time: 2011.09.01 02:20:28 Last Calib.: Time On Btm

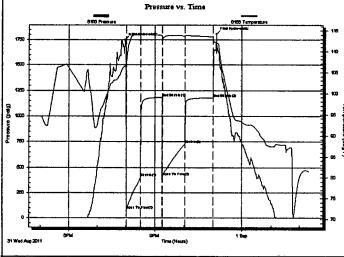
2011.09.01 2011.08.31 @ 19:58:28

Time Off Btm

2011.08.31 @ 23:07:13

TEST COMMENT: IF: Strong blow BOB 2 min

ISt Weak blow back FF: Strong blow BOB 3 min FSI: Weak blow back



PRESSURE SUMMARY					
,	Time	Pressure	Temp	Annotation	
	(Min.)	(psig)	(deg F)		
,	0	1750.95	106.56	Initial Hydro-static	
,	4	80.24	106.81	Open To Flow (1)	
	33	402.46	113.98	Shut-In(1)	
_ т	77	1183.24	113.91	End Shut-in(1)	
вфпо	78	412.87	113.05	Open To Flow (2)	
Temperature (dag F)	124	726.16	113.77	Shut-In(2)	
(dag	182	1179.13	113.48	End Shut-In(2)	
3	189	1806.73	112.18	Final Hydro-static	
				-	
	i				
1					

#### Recovery

Length (ft)	Description	Volume (bbl)
0.00	1860' GIP	0.00
434.00	M,O 10% mud 90% oil	4.96
496.00	W,O,G 10%water 30%oil 60%gas	6.96
806.00	MW 2% mud 98% water	11.31

Gas Rates						
	Chake (inches)	Pressure (psig)	Ges Rate (Mcf/d)			