Miami County, KS Town Oilfield Service, Inc.
Well: Weaver 14
Lease Owner: Triple T Oil
Commenced Spudding: 10/26/2018

# WELL LOG

Thickness of Strata	Formation	Total Depth
6	Soil-Clay	6
5	Shale	11
28	Lime	39
17	Shale	56
20	Lime	76
71	Shale	147
19	Lime	166
9	Shale	175
10	Lime	185
36	Shale	221
3	Lime	224
39	Shale	263
11	Lime	274
15	Shale	289
25	Lime	314
7	Shale	321
21	Lime	342
3	Shale	345
2	Lime	347
2	Shale	347
12	Lime	361 Hertha
193	Shale	554
11	Lime	565
9	Shale	574
12	Lime	586
16	Shale	602
3	Lime	605
9	Shale	614
2	Lime	616
8	Shale	624
9	Lime	633
20	Shale	653
2	Lime	655
40	Shale	695
1	Lime	696
7	Shale	703
		704 no oil
1 7	Sandy Lime	711 broken good oil sho
7	Sand	711 bloken good oil silo
3	Sand Sand	714 no oil 716 broken slight oil sho

84	Sandy Shale	800 TD
l		

A" Set	8" Set 20	10" Set	2 1/8 (<5) Y CASING AND T	Usacks  4 Sacks  A Kis  5 7/8 borelole	Distance from	(Section) (Tow	Tool Dresser's Name  Tool Dresser's Name  Contractor's Name	Tool Dresser's Name	Driller's Name	Driller's Name Wesley		State; Well No.	INCENT !
4" Pulled	8" Pulled	10" Pulled	CASING AND TUBING RECORD	line,ft.	line,ft.	(Township) (Range)	705		2	Sollard 10	10-26 20 18		County

# CASING AND TUBING MEASUREMENTS

( <del>40</del> )	-	-					-	-	-								
											(	68		774.		745	Feet
											-	-		-		1	'n.
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													8	7	7		Feet
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# **Short Cuts**

TANK CAPACITY

BBLS. (42 gal.) equals D<sup>2</sup>x.14xh D equals diameter in feet. h equals height in feet.

**BARRELS PER DAY** Multiply gals. per minute x 34.2

HP equals BPH x PSI x .0004 BPH - barrels per hour PSI - pounds square inch

## TO FIGURE PUMP DRIVES

- \* D Diameter of Pump Sheave
- \* d Diameter of Engine Sheave

SPM - Strokes per minute

**RPM - Engine Speed** 

R - Gear Box Ratio

\*C - Shaft Center Distance

D - RPMxd over SPMxR

d - SPMxRxD over RPM

SPM - RPMXD over RxD

R - RPMXD over SPMxD

BELT LENGTH - 2C + 1.57(D + d) +  $\frac{(D-d)^2}{4C}$ 

\* Need these to figure belt length

WATTS = AMPS

TO FIGURE AMPS:

746 WATTS equal 1 HP

# Log Book

Well No	19	
Farm_Wea	wer	4-
(State)	Λ	(County)
(Section)	(Township)	24 (Range)
For Triple	(Well Owner)	. (

# **Town Oilfield** Services, Inc.

1207 N. 1st East Louisburg, KS 66053 913-710-5400

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	()	Ro	2	م	11	183	B	بع	R	W	R	7	25	N	11	39	W	36	0	۵	۵	7	20	17	28	Ŋ	6	Thickness of Strata
-2-	LIME	Shale	Lime	Stale	lime	Shake	Lime	Shale	Lime	Shele	Lime	Shale	Lime	Shale	LME	Shale	lime	Shale	1 ime	Shale	Lime	Shale	Lime	Stale	LIME	Shelt!	Soil-clay	Formation
	605	602	586	574	565	554	36	349	347	345	342	23	314	289	274	263	224	126	185	175	166	147	76	56	39	//	6	Total Depth
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								8	716	714	711	704	703	GAG	695	655	653	633	624	616	614	Total Depth	605
-5-									broken Sicht Oil Shac		1	no 0:1										Remarks	



PRESSURE PUMPING LLC
PO Box 684, Chanute, KS 66720
620-431-8210 or 600-467-8676

11905

LOCATION OHOWA, KS
FOREMAN CASE, Kennedy

# **FIELD TICKET & TREATMENT REPORT**

CEMENT

DATE	CUSTOMER#	WE	LL NAME & NUMB	ER	SECTION	TOWNSHIP	RANGE	COUNTY
0/30/18	7966	Warver	# 19		SWIR	16	24	MI
USTOMER	- 1		•			SENT SERVICE		
IAILING ADDRE	riple T			-	TRUCK#	DRIVER	TRUCK#	DRIVER
Po		<b>3</b> 9		<b> </b>	467	Cas fee	Ja Toly	Hading
ITY	DO F D	STATE	ZIP CODE	l 1	548	Ala U.J		
Louisbu		KS	66053	1	318	Har Bec	-	
DB TYPE_ LOW		HOLE SIZE	e 7 11	HOLE DEPTH	800'	CASING SIZE & V	WEIGHT 27	E" EVE
ASING DEPTH	/ /	DRILL PIPE		TUBING-6	ffle - F	13'	OTHER	
LURRY WEIGH	N 80 800	SLURRY VOL		WATER gallek		CEMENT LEFT In	CASING 31	
ISPLACEMENT	11 11	DISPLACEME		MIX PSI		RATE 460M	<i>a</i>	
EMARKS: Le	ld safate	meeting	establis	shool cic	culation .	risted +	pumped	200 #
el to be	wal by S	- LLIS +	tech wat	er, mix	1 1	000	sks Por	Ellend
A course	ut w/	2% 90	l per sk	cem.	eut 16 s	ortace.	flushed	pump
Tean o	uniped	2/2 0	older plus	to be	He w/	4.30 660	s trock u	Sate.
ressured	4 800	PSI.	Record	pressure	to set t	lost valu	e .	
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							2T	
								•
ACCOUNT							г	
ACCOUNT	QUANITY	or UNITS	DES	SCRIPTION of S	SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
E0450	1		PUMP CHARGE				1500.00	
E0002			MILEAGE					
F0711	1/2 N	uin	You w	uleage			330.00	
NE0853	1.5	hrs		ac			150,00	
					tre	rck c	1980.0	
						40%	-00	
							792.00	
*NC						substal		1188,00
CS840	97 9	sks	Posble	end IA	cornect		1309.50	1188,00
		sks #	Posble		connect		108.90	1188,00
75965		515	Gel		connect		108.90	// 88,00
75965		515	Gel	ad A	coneut	subbotal	1309.50 108.90 45.00 1463.40	
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75965		515	Gel		coneut	subbotal tenals 40% cubbotal	1309.50 108.90 45.00 1463.40 585.36	848.0

### **TERMS AND CONDITIONS**

### ATTENTION: THESE TERMS AND CONDITIONS CONTAIN INDEMNITY PROVISIONS FOR DAMAGE TO PERSONS AND PROPERTY.

As Services or Products provided by QES Pressure Pumping LLC (fixe Consolidation Or Well Services LLC) are subject to flesh Terms and Conditions uses superseded by a Master Service Agreement signed by the parties. In the event Customer does not accept those Terms and Conditions as written. Customer must request a Master Service Agree herefrom QES പ msa@geslp.com.

The operations, services, supplied intuitinals, person refor grants to be provided in Services on Products' as applicable; by QES Pressure Pumping LCC (QES) by the provided to such as distormer (Countries) in secondarize with the to level greens and conditions (its green and its Ober and Condition may be referred to as Farty or Parties

- \* Encount Taxes: Customer an pay QES for the Services of Products in abusines will DCS, quiten price which exhalts applicable taxes or products had seen Coscoror of of pay 30 applicable taxes and products, focuse face related to the Services and/or Products. CES intrinsially except for the age.
- 2 James of Payment Custome, will pay OES case in artisance for Survices and Products unless QES 2 Temps of Engineer. Occasions will asy coses cash in any are an interesting and another sines approved association for the anomaric of the Services and for develop or 1.5 and develop of the mode, for approved association for the program of the invoved another within 1.50 days from the table of involved. All trackes not pass within 30 days with be analysed an informational of the permanent of the maximum called afficient or the maximum of a finish indicate interesting the appropriate for any less innormal by QES in the collection of any amounts also of QES including the normal finished to affect eye has a finished a finished a second and a finished a second and a second
- b. Pigiet of Sergices or Detkery of Products, OES will furnish varification of proof of Sergices performed ship Product de Ivenset to Construer's representative at the fine of performance of the Genotices of Product del very. Conference of against a lager and lighter is not verdicable angicating Customicia, receptance of the Services or Products
- Dejiyary or Completion. All liability and responsibility of QSS casses when (1) Fundame are delivered. 4. Delivery of Conjection. All famility and responsibility of OSS basis is when (\*\* Products are delivery on the Carrior to the Confection by OSS and no funder in disc care; coalede and coather of CESS or city when the carroir receives the Products indicate the CES with not being special for both disciplination of Products in the Statistics of Carriors in delivering goods, in case of Statistics, not continuous as appeared alongs, the time Costsman accepts delivery. Additionally, OSS at notice, table to an acceptant from the cause defore Costsman accepts delivery. Additionally, OSS at notice, table to an advanced to the event of the open and the completion on the object of the Costsman accepts delivery. Additionally, OSS at notice, table to an access section of the Costsman from the object of the Costsman from the completion and the control of CES in the overtical and edgy caused by the statement, the delivery a completion does will be extended to a period equal to any end of delay, which has provided as a result network.
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- Characal Janding one Flandredus Materinis. Customer notees that he aby wuste created as part of the Services. Customer will be considered the learner for Juryous of act spellosty. Research regulations perfetning to the transportation storage and handing of phemicals and nationals materials.
- 7. Data, Data Transmission ogg. Spirago. QES doos list warrant or gustamice the pocoracy of any respector analysis, survey or other fara generalists for the necrosis. CoS to not corporate for any exciptental or otenings interception of such farality man parties are in the original spiralists of the Southering of Section 6. Se

8 MARPANTER - INF ATAIN OF LIABILITY

2) GES warrants that the Senticas and Products with 17 be from form archites in instancis and product and architectures of the service of a will group of telephonomial products. But the service of the service

- b) EXCEPT FOR THE WARRANTIES EXPRESSLY STATED ABOVE, THERE ARE NO OTHER WARRANTIES. THE PARTIES EXPRESSLY EXCLUDE AND CUSTOMER WAIVES ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.
- of in no event will destentil liability (in forth contract, warranty infringement or otherwise) to customer exceed the furchase price actually PAID BY CUSTOMER FOR THE SÉRVICES OR PRODUCT 4 THAT GIVE RISE TO A DISPUTE. THIS PROVISION WILL SURVIVE ANY TERMINATION OF THIS AGREEMENT.

- 9. INDEMNIFICATION AND WAVER OF CONSEQUENTIAL DAMAGES.
  9.1 For purpose of this Section 9 the following definance on apply "Quo Group" means QUO Pressures Copyright (2.5), its parent purples and affigured songlar test, and its writer of these shorters omproyees contraction is before reconstructed songlar test, and the surface of parent 10 200, southbody rechartering contraction on parent 10 200, southbody rechartering contracts with respect to the Sections in testing of parent in a situation of contracts with respect to the Sections including Customer's point inverted outhors are parent in the analysis of the Country of parent in the contract of the parent in the parent parent in the surface of parent parent in the parent par
- 9.2 <u>QFS INDEMNITY.</u> QES AGREES TO PROTECT, DEFE VO, INDEMNIFY AND HOLD HARMLESS CUSTONER GROUP FROM AND AGAINST ALL CLAIMS DEMANDS, AND GAUSES OF ACTION OF EVERY KIND AND CHARACTER. ARISING IN CONNECTION WITH THE SERVICES ON ACCOUNT OF RODILY INJURY ILLNESS, OR DEATH OF ANY MEMBER OF QES GROUP OR DAMAGE TO OR LOSS OF PROPERTY OF ANY MEMBER OF QES GROUP
- 9.3 CUSTOMER INDEMNITY CUSTOMER AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS GES GROUP FROM AND AGAINST AL. CLAIMS, DEMANDS, AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER, ARISING IN CONNECTION WITH THE SERVICES, ON ACCOUNT OF BODILY INJURY ILLNESS, OR DEATH OF ANY MEMBER OF CUSTOMER GROUP OR DAMAGE TO OR LOSS OF PROPERTY OF ANY MEMBER OF CUSTOMER GROUP.
- 9.4 WELL CUSTOMER WILL RELEASE, PROTECT, DEFEIIO, AND INDEMNIFY QES GROUP FROM AND AGGINST ALL CLAIMS, DEMANDS AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER IN THE EVENTS OF: (I) LOSS OR DAMAGE TO ANY GEOLOGICAL FORMATION, STRATA-ON, OIL OR GAS RESERVOIR OR MINERAL CR WATER RESOURCE BENEATH THE SURFACE OF THE LAND OR WATER, (II) LOSS OR DAMAGE TO THE HOLE OR WELL. (III)

IMPAIRMENT OF PROFERTY RIGHTS OR OTHER INTERESTS IN OR TO OIL, GAS, MINERAL OR WATER RESOURCES, AND (14) REGAINING CONTROL OF ANY WILD WELL OR OUT OF CONTROL WELL, UNDERGROUND OR ABOVE THE SURFACE, INCLUDING REMOVAL OF WRECK, DEBRIS, EQUIPMENT, AND HAZARDOUS MATERIALS AND REMEDIATING ENVIRONMENTAL DAMAGE

9.5 POLLUTION RESPONSIBILITY. Subject to paragraphs 9.2 and 9.3. It is understood and agreed between Customer and OES that the responsibility for pollution shall be as follows:

[8] DES WILL ASSUME RESPONSIBILITY FOR CONTROL AND REMOVAL OF AND WILL PROTECT DEFEND AND INDEMNIFY CUSTOMER GROUP FROM AND AGAINST ALL CLAIMS. DEMANDS AND CAUSES OF ACTION OF EVERY KIND OF CHARACTER ARISING FROM POLLUTION OR CONTAMINATION WHICH ORIGINATES ABOVE THE SURFACE OF THE LAND. OR WATER FROM THE EQUIPMENT OF ANY MEMBER OF DESIGNOUP MAINTAINED IN DESIGNOUPS' CARE, CUSTODY AND CONTROL AND ARISING FROM THE PERFORMANCE OF THE SERVICES.

SERVICES.

(b) CUSTOMER WILL ASSIME RESPONSIBILITY FOR CONTROL AND REMOVAL OF AND WILL PROTECT DEFEND AND INDEMNIFY OES GROUP FROM AND AGAINST ALL CLAIMS. DEMANDS AND UAUSES OF ACTION OF EVERY KIND AND CHARACTER ARIGING FROM POLLUTION OTHER THAN THAT DESCRIBED IN SECTION 3.5(A) ABOVE, WHICH MAY DECUR DURING THE CHARLET OF OPERATIONS HEREUMDER, INCLUDING, BUT NOT LIMITED TO, POLLUTION RESULTING FROM FIRE, SLOWOLT CRATERING, REFPAGE OR OTHER UNCONTROLLED FLOW OF OIL GAS OR OTHER SUBSTANCE.

- 9.5 WAIVER OF CONSEQUENTIAL DAMAGES. NOTWITHSTANDING ANY PROVISION TO THE CONTRARY, CUSTOMER AND QES FURTHER AGREE THAT NETHER PARTY WILL BE LIABLE TO THE OTHER OR EACH OTHER'S RESPECTIVE GROUP FOR MY CONSEQUENTIAL. INCIDENTAL, OR INDIRECT DAMAGES, INCLUDING BUT NOT LIMITED TO, LOSS OF PROPIT, LOSS OF PRODUCTION, REVENUE OR ANTICIPATED BUSINESS (LOSSES"), CUSTOMER AGREES TO INDEMNEY AND HOLD DES GROUP HARMLESS FROM AND AGAINST ANY AND ALL CLAIMS FOR SUCH LOSSES ASSETTED BY MEMBERS OF CUSTOMER GROUP, QUE AGRIES TO MOEMMINY AND HOLD CUSTOMER GROUP HARMLESS FROM AND AGAINST ANY AND ALL CLAIMS FOR SUCH LOSSES ASSETTED BY MEMBERS OF GES GROUP.
- 3.7 EXCEPT AS OTHERWISE EXPRESSLY LIMITED BY THIS AGREEMENT OR SY LAW, ALL 9.7 EXCEPT AS OTHERWISE EXPRESSET EMITED BY THIS MORE WENT ON SY LAW, RELEASES, INDEMNITY ORLIGATIONS AND OTHER LUBILITIES ASSUMED UNDER THIS AGREEMENT WILL BE WITHOUT LIMIT AND WITHOUT REGARD TO THE CAUSE OR CAUSES, INCLUDING, WITHOUT LIMITATION PREEXISTING CONDITIONS, UNSEAWORTHINESS, STRUCT LIABRITY, WILLFILL BUSCONDUCT, AND THE SQLE, JOINT, GROSS, OR CONCURRENT NEGLIGENCE OF ANY PARTY.
- 9.8. Each Party hereunder agrees to support its indennity obligations with liability meurance coverage with limits of liability not less than ten million dollars (\$10,000,000). It is the expression of the Parties that the indennities contained herein apply to the fullest extended by applicable law, and in no exant will a Party's indomnity obligation be limited to the amount of insurance carried by each Party.

### THIS SECTION 9 WILL SURVIVE THE TERMINATION OR EXPIRATION OF THIS AGREEMENT.

- 6.1 gaings— As insurance prepries of neutritions, the second, well of the Services, whether is not amplitudely this Agreement, shall to the extent of the risks and coordays essured by such units. (§ many the coordinate year, our assessment except for values is a more return OEDECATION protectional falliby protection § of values of protections in the other risks grown and our return are protected only and our resource of the other protections.
- 11. Varian Organia. Except the obligation to make cayments what due incided QES incidentary will be written to dealth in the act of the act search of the act search of the act of the case of the case of the act of the ac Undits, the air a consequence of the finne maybers occurrence until Distince terminates the work order consists a series
- TA Convening Law This Agreement within governed by the laws of the State in Terral without report to the conflicts of law providence. The Parties agree to support to the excusive, traction of the release or state operations to test located in the action. Hards County Texas with respect to any and of discuss that one out of once related in any way for the extraction or less of this Myseries. This Section if will survive the trimination of the lay centers.
- 1.3 Indeputing Copy group QCS will be an induce went to structor our request to the Service, our finished with a Copy Copy of the Copy
- 14. Severability in the event and provider of this Agreement is inconsistent with or company to any applicable tew, rule of legislation, the crowless with be deemed modified to the extent required to comply, and the remaining teams as professor with the remaining teams as professor with the control of the
- 15 <u>Wests.</u> A writer on the part of when Porty of ally breach or any form provision or conducted if this figrenment will not condition a passional and habbits a that Harry Forest to a walker of any attendeding his owner are which fire same or any attended in the conditional fire same or any attended in the conditional fire figures.
- 16. Fig. 1. Appropria. This Administration than the order agreement of the Paties with regard to look of the patient of the Paties with regard to look of the patient of the Paties, with regard to look of the patient of the Paties, which is to the control of the patient of the