Lease Owner: R.T Enterprises

WELL LOG

Thickness of Strata	Formation	Total Depth		
0-20	Soil-Clay	20		
13	Lime	33		
3	Shale	36		
22	Sand	58		
13	Shale	71		
5	Lime	76		
33	Shale	109		
15	Lime	124		
11	Shale	135		
27	Lime	162		
9	Shale	172		
18	Lime	190		
4	Shale	194		
3	Lime	197		
4	Shale	201		
7	Lime	208		
24	Shale	232		
16	Sand	248		
40	Sandy Shale	288		
66	Shale	354		
15	Sand	365		
15	Sandy Shale	380		
18	Shale	398		
7	Lime	405		
7	Shale	412		
6	Lime	418		
12	Shale	430		
8	Lime	438		
14	Shale	452		
3	Lime	455		
14	Shale	469		
5	Lime	474		
17	Shale	491		
4	Lime	495		
40	Shale	535		
1	Lime	536		
69	Shale	605		
1	Lime	606		
7	Shale	613		
3	Sand	616		

Miami County, KS Town Oilfield Service, Inc. Commenced Spudding: Well:Schmitt I-41 (913) 294-2125 Commenced Spudding:

6/6/2018

Lease Owner: R.T Enterprises

1	Lime	617
2	Sandy Shale	619
1	Sand	620
8	Sand	628
4	Sand	632
3	Sandy Shale	635
1	Shale	636
3	Shale & Lime	639
81	Shale	720-TD

		The second secon
- X 3		
		A. A
		11.00 (4.7) (L.00)
- W-11		
		- Alle Harris

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D2x.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	I-4/	
Farm_SO	hmitt	
(State)		(County)
(Section)	(Township)	22 (Range)
For R.T.	Full prise	5

Town Oilfield Services, Inc.

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

Schmitt Farm: MIGM! County KS State; Well No. I-41	CASING AND TUBING MEASUREMENTS
Elevation 943	Feet In. Feet In. Feet
Commenced Spuding 6-6 20 16	676 BULLE
Finished Drilling 6-7 2018	
Driller's Name Wesley Dallard	705 - Coa+
Driller's Name Kygn Word	770-0 2 /
Driller's Name	720 TS
Tool Dresser's Name	
Tool Dresser's Name	
Tool Dresser's Name	
Contractor's Name	
11 17 22	
(Section) (Township) (Range)	
Distance from 5 line, 1650 ft.	
Distance from E line, 330 ft.	
3 sicks	
8 413	
55% behole	
27/8 6-516	
CASING AND TUBING	
RECORD	
10" Set 10" Pulled	
8" Set 8" Pulled	
6%" Set 6%" Pulled	
4" Set 4" Pulled	

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Thickness of Strata	Formation	Total Depth	Remarks
0-20	Soil-clay	20	
13	Line	33	• 4
3	Shele	36	
22	sanel	58	no 0,1
13	Shale	71	
5	Lime	76	
33	Shele	109	_
15	Lime	124	
_//	Shall	135	
27	Lime	162	
9	shell	172	
18	Lime	190	-
4	Shale	194	4
	Lime	197	•
4	Shale	201	
_7	Lime	208	- Heitha
24	Shall	232	-
16	Same	248	water
40	Sonely Shelt	288	
_ldo	Shall	354	
_/5	sand	365	- broken - slight show
15	sandy Shele	380	12 21
16	Shale	348	
	Lime	405	N
/_	Shale	4/2	
6	Lime	418	
12	Shale	720	

-2-

		120	
Thickness of Strata	Formation	Total Depth	Remarks
8	Lime	438	4
14	Shelt	452	
3	Lime	455	
14	Shale	469	
5	Lime	474	
17	Shalf	491	
4	Lime	495	
40	Shale	535	
/	Lime	536	-
69	Shele	605	
	Lime	606	
7	Shale	613	
3	Sand	616	grey - no Oil
1	Lime	617	
2	sindy, shale	619	-
/	Salel	620	odor-no show
ક	sand	623	mostly solid- good Oil Stock
4	Sand	632	golid -great saturation-best oil
3	Sandy stelp	635	no oil
1	Shele	636	
3	Shale & Lime	639	-
81	Shale	720	TO
		L*	
	-4-		+5-



PRESSURE PUMPING LLC
PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

3M-10882 PO-16956 FT-10770

LOCATION OHawa KS
FOREMAN Casey Kennedy

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER#	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY
6/7/18	5954	Schmitt # I-41		JEII	17	<i>ચ</i> ઢ	141
CUSTOMER L+L F	versu c/a	5 Oienr	00	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRESS 7			729	Cas Ken	V Jafale	Uachin	
120 Shoreline Dr			467	KeiCar	~		
CITY		STATE	ZIP CODE	503	HarBec		
Louisb	٥٥٥	KS	66053	675	Kei Det		
JOB TYPE /or		HOLE SIZE	HOLE DE	4.4	CASING SIZE & V	VEIGHT 27/	'S EVE
CASING DEPTH		DRILL PIPE		baffle- 67		OTHER	
SLURRY WEIGH		SLURRY VOL_	WATER	gal/sk	CEMENT LEFT In		
		DISPLACEMEN'			RATE 4 60		Da. #
REMARKS: 10	ld sately	maching	established	A .	1 4	pumped	200#
sel tolo	wed by	66/5 HG		ixed tours		HOSPILL	2 14
200000	-1	1 /	1 ///	1 3.91 bbs	Hash wat	er bressur	od L
RON DO	2/3/00	hold press			1		set
Plact 11	ilve.	nela press	OR HE SO	and will the	- CONTRACT	ARTOCK V	0 30
Tiesco De	rive.					0	
					71	L	
						7 /	
ACCOUNT CODE	QUANITY	or UNITS	DESCRIPTIO	N of SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
CE0450			PUMP CHARGE			1500.00	
CE0002		-	MILEAGE				
CEOTI	1/2	uin	ton nileage			330.00	
WE0823		krs	80 Vac			150.00	
				tru	cks	1980.00	
					35%	1093.00	
					Subtotal		1287.00
CC5840	90	sks	Postland 1	4 rement		1215.00	
CC5965	351 :	#	Cal			105.30	
CP8176	1		21/5" rubbe	colva		45.00	
				max	ecials	1365.30	
					35%	477.86	
			- NAISO		Subtotal		887.44
		S	CANNED				
				•2			
					8%		7100
Ravin 3737					8/0	SALES TAX ESTIMATED	71.00
	1 2 -	_				TOTAL	2245.44
AUTHORIZTION	No G To	200	TITLE			DATE	34545

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

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

All Services or Products provided by QES Pressure Pumping LLC (fivia Consolidated Cit Well Services LLC) are subject to these Terms and Conditions unless superseded by a Master Service Agreement signed by the parties. In the event Customer does not accept these Terms and Conditions as written, Customer must request a Meabler Service Agreement from QES' Contracts Administration Department at msa@gesip.com.

The operations, the vices, supplies, materials, personnel or goods to be provided ("Services" or "Products" as applicable) by QES Products "Pumping LLC ("QES") will be provided to you as customer ("Customer") in accordance with the following terms and conditions ("Agreement"). QES and Customer may be referred to as "Party" or "Parties

- Price and Toxes. Customer will pay QES for the Services or Products in accordance with QES' quoted
 price which exclude applicable-taxes or process license fees. Customer shall pay all applicable taxes
 and process license fees related to the Services and/or Products. QES' prices are subject to change
- 2. Terms of Payment. Customer will pay QES cash in advance for Services and Products unides QES 2. Terms of Paymont. Customer will pay CES casen in advence for Services and Productar united SE, has approved credit prior to the performance of the Services and/or delivery of the Producta. Credit terms for approved accounter require full payment of the involved amount within 30 days from the date of involce. All involces not paid within 30 days will be charged an inflarest rate of 11/3% per month or the maximum rate allowed under applicable state line, whichever is higher. Dustwier will be responsible for any fees incurred by OES to recollected of any great reconstitution for confidence of any great reconstitution for confidence of the confidence
- Proof of Services or Delivery of Products. CES will furnish verificable of proof of Services and Product delivered to Customer's representative at the limit of performance of the Services or Product delivery. Customer agrees to sign and return such verification indicating Customer's accelliance of the.
- 4. <u>Delivery or Completion</u>: All liability and responsibility of QES ceases when (1) Products an inserved to the Quaternametry QES and no longer in the care, custody and control of QES or (2) when the care receives the Products and/or shipment. QES will not be responsible for loss or demage to Products in transit or for delays of carriers in delivering goods. In case of shortage, ind-conformance, or apparent demage, it is the Customer's responsibility in secure written acknowledgment from the carrier leaform Customer accepts delivery. Additionally, QES will not be liable for any damege for delays in delivery or completion due to a Force Mejeure (as defined below), acts or or instance of the Customer, third party meterial or manufacturing delays, impossibility or impracticability of performance or any other cause seyond the control of QES. In the event of a delay caused by the aforesaid, the delivery or completion date will be extended for a period equal to any such delay, and the purchase or service will not be void or validable as a result thereof.
- not be void or voidable as a result thereof.

 5. Well or Service Site Conditions. Customer having custody and control of the well and/or service site, and having superior lookedge of the same and the conditions sunnotations at many services attend to in proper condition to receive and or control refee and Products. Upon QES' request, Customer will provide desumentation to verify that the small or service site is adequate to support the Services and the delivery of Products. Customer have well that they specify considerable and provide departments that QES' personnel that equipments will be able to safety access the well after service site and that any special equipment or read improvements required for such access will be the responsibility of Costoner, unless otherwise agreed to by the parties. to by the partien.
- 8. <u>Chemical Heriding and Hazardous Materials</u>. Quetomor agrees that for any wasto created as part of the Services, Customer will be considered the "generator" for purposes of any applicable laws or regulations pertaining to the transportution, storage and handling of chemicule and hazardous materials.
- 7. <u>Data_Data_Transmission and Storage.</u> QES does not warrant or guarantee the accuracy of any research enalysis, survey, or other data generated for the Services. QES is not responsible for any accidental or intentional interception of such data by third garties and it is the responsibility of the Customer to safeguard such data against loss including any rised to secure digital or page copies for

- a. WARRANTIES LIMITATION OF LIABILITY.

 a) QES werrents that the Services and Products will: (i) be free from defects in makerials and workmanship; (ii) be performed in a good and workmanship manner, in accordance with good cliffield servicing practices; and (iii) senhorm in the plans, specifications and technical information-provided in writing by Customer until the Services or Products are accepted by Customer or QES; contractual obligations are mat. In the eyent that Customer discovers a defect in the Services or Products with the warming ported specified above, Qualontes/Will notify QES of such defect, in the avent that QES confirms that the Services or Products are defective, QES's itability and Customer tractules refrescly in any case of action (whether in lort, contract, breech of warming yor otherwise) arising out of the sale or use of any Services or Products is expressly limited to, at-QES' option, the (i) replacement of such Services or Products upon their return. In QES: or QES will not be case of products or parts on wholly of QES; mandatecture, QES' liability will be limited to the extent of its recovery from the manufacturer of such products or parts higher is beliefly to QES CES will not be liable for any damages, claims, losses or expenses of Customer resulting from such defects or for damages resulting from delays, loss of use, or other direct, incidence, perfectly, punitive or consequential barranges of any kind. QES will not be responsible for: (i) failures of Services that have been in any very interpretability or altered by anyone other than an altergrand representative of QES; (ii) failures due to lack of compliance with recommended maintenance propositions, and (ii) products requiring gestioners and tear.
- b) . EXCEPT FOR THE WARRANTIES EXPRESSLY STATED ABOVE, THERE ARE NO OTHER WARRANTIES. THE PARTIES EXPRESSLY EXCLUDE AND CUSTOMER WAVES ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURIOSE.
- c) IN NO EVENT WILL GES ENTIRE LIABILITY (IN TORT, CONTRACT, WARRANTY, INFRINGEMENT OR OTHERWISE) TO CUSTOMER EXCEED THE PURCHASE PRICE ACTUALLY PAID BY CUSTOMER FOR THE SERVICES OR PRODUCTS THAT GIVE RISE TO A DISPUTE, THIS PROVISION WILL SURVIVE ANY TERMINATION OF THIS AGREEMENT.

- 9. INDEMNIFICATION AND WAVER OF CONSEQUENTIAL DATAGES.
 9.1 For purpose of this Section 9, the following definitions will apply: "QTS Group" means QES Pressure
 Pumping LLC, its perset, company, and, effiliated companies, and, its and their officers, directors,
 employees, contractorit subcontrictors and invitees. "Customer Gotto" means Customer, its persent (if
 any), subsidiary and affiliated companies, co-owners, co-venturers, partners and any entity with whom
 "Customer has an economic interest with respect by the Sof-Vetta, ingulating Customer's joint interest
 owners and partners and its and their officers, directors, employees, contractors (not including QES),
 subcontractors and invited.
- 9.2 QES INDEMNITY. QES AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS CUSTOMER GROUP FROM AND AGAINST ALL CLAIMS, DEMANDS, AND CAUSES OF ACTION OF EVERY KIND. AND CHARACTER, ARBINING IN CONNECTION WITH THE SERVICES, ON ACCOUNT OF BOOLLY, INJURY, ILLNESS, OR DEATH OF ANY MEMBER OF QES GROUP QR, 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 ALL CLAIMS, DEMANDS, AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER, ARISING IN CONNECTION WITH THE SERVICES, ON ACCOUNT OF BOOLLY MULRY KLINESS, 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, DEFEND, AND INDEMNIFY QES GROUP FROM AND AGAINST 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 OR, OIL OR GAS RESERVOIR OR MINERAL OR WATER RESOURCE BENEATH THE SURFACE OF THE LAND OR WATER, (II) LOSS OR DAMAGE TO THE HOLE OR WELL, (III)

IMPAIRMENT OF PROPERTY RIGHTS OR OTHER INTERESTS IN OR TO OIL, GAS, MINERAL OR WATER RESOURCES, AND (IV) REGAINING CONTROL OF ANY WILL WELL OR OUT OF CONTROL WELL, UNDERGROUND OR ABOVE THE SURFACE, INCLUDING REMOVAL OF WRECK, DEBRIS, EQUIPMENT, AND HAZARDOUS MATERIALS AND REMITDIATING ENVIRONMENTAL DAMAGE.

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

(a) CES 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 THIS SURFACE OF THE GUID OR WATER FROM THE EQUIPMENT OF ANY MEMBER OF QES GROUP MAINTAINED IN QES GROUPS' CARE, CUSTODY AND CONTROL, AND ASISING FROM THE PERFORMANCE OF THE SERVICES.

SERVICES.
(b) CUSTOMER WILL'ASSUME RESPONSIBILITY FOR CONTROL AND REMOVAL OF AND WILL PROTECT, DEFEND AND INDEMNIFY QES GROUP FROM AND AGAINST ALL CLAIMS, DEMANDS AND CAUSES OF ACTION OF EVERY WIND AND CHARACTER ARISING FROM POLLUTION OTHER THAN THAT DESCRIBED IN SECTION 3:5(3) ABOVE, WHICH MAY OCCUR DURING THE CONDUCT OF OPERATIONS HEREUNDES, INCLUSING, BUT NOT LIMITED TO, POLLUTION RESULTING FROM FIRE, BLOWOUT, CRATERING, SEEPAGE OR OTHER UNCONTROLLED FLOW OF OIL, GAS OR OTHER SUBSTANCE.

- 9.6 WAIVER OF CONSEQUENTIAL DAMAGES. NOTWITHSTANDING ANY PROVISION TO THE CONTRARY, CUSTOMER AND GES FURTHER AGREE THAT NEITHER PARTY WILL BE LIABLE TO THE OTHER OR EACH OTHER'S RESPECTIVE GROUP FOR ANY CONSEQUENTIAL, INCIDENTAL OR INDIRECT DAMAGES, INCLUDING BUT NOT LEMTED TO LOSS OF PRODUCTION, REVENUE, OR ANTICIPATED BUSINESS ("LOSSES"). CUSTOMER AGREES TO INDEMNIFY AND HOLD DES GROUP HARMLESS FROM AND AGAINST ANY AND ALL CLAMS FOR SUCH LOSSES ASSERTED BY MEMBERS OF CUSTOMER GROUP, QES AGREES TO INDEMNIFY AND MOLD CUSTOMER GROUP HARMLESS FROM AND AGAINST ANY AND ALL CLAMS FOR SUCH LOSSES ASSERTED BY MEMBERS OF QES GROUP.
- 9.7 EXCEPT AS OTHERWISE EXPRESSLY LIMITED BY THIS AGREEMENT OR BY LAW, ALL RELEASES, INDEMNITY OBLIGATIONS AND OTHER LIABILITIES ASSUMED UNDER THIS AGREEMENT WILL BE WITHOUT LIMIT, AND WITHOUT RESARD TO THE CAUSE OR CAUSES, INCLUDING, WITHOUT LIMITATION, PREEXISTING CONDITIONS, UNSEAWORTHURES, STRICT LIABILITY, WILLFUL MISCONDUCT, AND THE SOLE, JOINT, GROSS, OR CONCURRENT NEGLIGENCE OF ANY PARTY.

9.0 Each Party hereunder agrees to support its inderenity daligations with hebitty instrance coverage with limits of liability not less than teg million dollars (\$10,000,000). It is the express intension of the Parties that selected intension of the Parties that selected intension of the parties of the pa

THIS SECTION 9 WILL SURVIVE THE TERMINATION OR EXPIRATION OF THIS AGREEMENTS

- 10. Insurance: All insurance policies of either Party, in any way related to the Services, whether or not required by this Agreement, shall to the extent of the risks and liabilities assumed by such party: (i) name the other party group as additional insured (except for worker's compensation, OEE/COW, or professional liability policies), (ii) ware subrogation as to the other party group; and (iii) be primary and non-contributory to any insurance of the other party group.
- TT: Force Malloure. Except the obligistion to make payments when due, heliber OES nor Customer will be liable nor deemed to be in breach of this Agreement for any detay or failure in performance resulting from the acts of God, divil or military authority, metalerial phange of law, any governmental action, not of public enemy, were pecificants, first, explications, earthquages, Bodds, fallure of transportation, national strikes, acuts or unusual labor, metalerial or aquipment shortages, or any similar or dissimilar cause beyond the reasonable control of either Party. The Party so affected will as soon as such a cause or event occurs promptly notify the other Party in writing concerning the cause and the estimated effect and take reasonable reasoures with proper dispatch to remedy the condition, in the event Customer declares a force highering occurrency. GES will be compensated at the standard daily rate for the ministration and personnel that are standing idle as a consequence of the force majeure occurrence until Customer terminately the work order of work resumes.
- 17. Governing Law, Thereforement will be governed author laws on the State of Texas, without regard to its conflicts of law provisions. The Parties agree to submit to the exclusive jurisdiction of the fadegal or state courts segmed or Houston. Marris County, Texas with respect to any and all disputes that drive out of or are inelated in any way to the subject matter of this Agreement. This Section 12 will survive the termination or expiration of this Agreement.
- 13. Independent Contractor. QES will be an independent contractor with respect to the Services performed, and neither QES nor anyone employed by QES will be deemed for any purpose to be the employee, agent, servant, borrowed servant or representative of Customer.
- 14. Soverability, in the event any provision of triff American is theorasistent with or contrary to any applicable taw, fruits or regulation, the provision will be dearmed modified to the extent required to comply, and the excepting thems, as modified, will remain in full focce and affect.
- 15. Waiver, A veliver on the part of alther Party of any breach of any term, provision or condition of this Agreement will not constitute a precedent and not bind elliter Party fields to a waiver of any succeeding or pither breach of the earne or any other term, provision or condition of this Agreement.
- Entry Agreement. This Agreement contains the entire agreement of the Parties with regard to the subject matter hereof and supercedes any prior oral and written agreements, contracts, representations or warranty between the Parties relating to the subject matter hereof. No agreement or modification of this Agreement will be effective unless it is in writing and signed by an authorized representative of each Party, if the Parties enter into a Meater Service Agreement, then any term or condition herein which conflicts with the provisions of such Master Service Agreement will be deemed invalid.

ine promise.