

Confidentiality Requested:

Yes No

## Kansas Corporation Commission Oil & Gas Conservation Division

1082014

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

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

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R 🗌 East 🗌 West
Address 2:	Feet from
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):  If Workover/Re-entry: Old Well Info as follows:	Producing Formation:  Elevation: Ground: Kelly Bushing: Feet  Total Vertical Depth: Plug Back Total Depth: Feet  Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:  Deepening Re-perf. Conv. to ENHR Conv. to SWD  Plug Back Conv. to GSW Conv. to Producer  Commingled Permit #:  Dual Completion Permit #:  SWD Permit #:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)  Chloride content: ppm Fluid volume: bbls  Dewatering method used:  Location of fluid disposal if hauled offsite:
☐ ENHR         Permit #:           ☐ GSW         Permit #:	Operator Name:
Connection Connection	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	Quarter         Sec.         Twp.         S. R.         East         West           County:         Permit #:

#### **AFFIDAVIT**

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

**Submitted Electronically** 

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

Page Two



Operator Name:			L	ease Name: _			Well #:	
Sec Twp	S. R	East We	est C	County:				
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres	sures, whether sh	ut-in pressur	e reached stati	c level, hydrosta	tic pressures, bott		rval tested, time tool erature, fluid recovery,
Final Radioactivity Lo files must be submitted					ogs must be ema	iled to kcc-well-lo	gs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taker (Attach Additional		Yes [	No	L	_	on (Top), Depth an		Sample
Samples Sent to Geo	logical Survey	Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes Yes	No No					
List All E. Logs Run:								
		(	CASING REC	ORD Ne	ew Used			
		· ·		ıctor, surface, inte	ermediate, producti	1		I
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D		Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADD	ITIONAL CEN	MENTING / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Type of Cem	ent #	Sacks Used		Type and P	ercent Additives	
Perforate Protect Casing	100 20111111							
Plug Back TD Plug Off Zone								
1 lag on zono								
Did you perform a hydrau	ulic fracturing treatment	on this well?			Yes	No (If No, ski	o questions 2 ar	nd 3)
Does the volume of the to		•				_ ` ` '	p question 3)	
Was the hydraulic fractur	ing treatment information	on submitted to the c	hemical disclo	sure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)
Shots Per Foot		ION RECORD - Bri Footage of Each Into				cture, Shot, Cement		d Depth
	, ,	<u> </u>			,		,	·
TUBING RECORD:	Size:	Set At:	Pa	acker At:	Liner Run:			
						Yes No		
Date of First, Resumed	Production, SWD or Ef		cing Method: owing	Pumping	Gas Lift C	other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. G	as Mcf	Wate	er Bi	ols. G	as-Oil Ratio	Gravity
DIODOCITI	ON OF CAS:		N 4 - T - 1		TION:		PPODUOTIO	ON INTERVAL.
Vented Solo	ON OF GAS:  Used on Lease	Open Ho		IOD OF COMPLE $\Box$		nmingled	PRODUCTION	ON INTERVAL:
	bmit ACO-18.)	Other (Si	necify)	(Submit		mit ACO-4)		

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

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

May 21, 2012

Christian L. Martin Tailwater, Inc. 6421 AVONDALE DR STE 212 OKLAHOMA CITY, OK 73116-6428

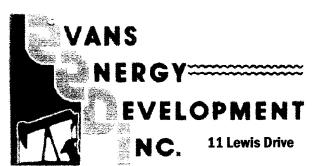
Re: ACO1 API 15-003-25420-00-00 WHITESIDE 9-T SW/4 Sec.22-20S-20E Anderson County, Kansas

### **Dear Production Department:**

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Christian L. Martin



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

> Phone: 913-557-9083 Fax: 913-557-9084

Paola, KS 66071

**WELL LOG** 

Tailwater, Inc. Whiteside #9-T API#15-003-25,420 April 17 - April 19, 2012

16         soil & clay         16           2         clay & gravel         18           56         shale         76           30         lime         104           64         shale         168           10         lime         178           5         shale         183           37         lime         220           6         shale         226           22         lime         248           3         shale         251           25         lime         276 base of the Kansas City           177         shale         453           3         lime         276 base of the Kansas City           177         shale         453           3         lime         456           4         shale         460           9         lime         460 oil show           9         shale         478           11         oil sand         489 green, good bleeding           5         shale         520           1         coal         521           7         shale         520           1         coal	Thickness of Strata	<u>Formation</u>	<u>Total</u>
56         shale         76           30         lime         104           64         shale         168           10         lime         178           5         shale         183           37         lime         220           6         shale         226           22         lime         248           3         shale         251           25         lime         276 base of the Kansas City           177         shale         453           3         lime         456           4         shale         460           9         lime         456           4         shale         460           9         lime         469 oil show           9         shale         478           11         oil sand         489 green, good bleeding           5         shale         520           1         coal         521           5         shale         520           1         coal         521           5         shale         528           6         lime         534			
104   104   104   104   104   106   106   106   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107   107			
64         shale         168           10         lime         178           5         shale         183           37         time         220           6         shale         226           22         lime         248           3         shale         251           15         lime         276 base of the Kansas City           177         shale         453           177         shale         453           4         shale         460           9         lime         489 oil show           shale         478           11         oil sand         489 green, good bleeding           7         shale         496           19         oil sand         515 green, good bleeding           5         shale         520           1         coal         521           5         shale         520           1         coal         521           15         shale         549           18         shale         549           18         shale         571           16         lime         587 <tr< td=""><td></td><td></td><td></td></tr<>			
10         lime         178           5         shale         183           37         lime         220           6         shale         226           22         lime         248           3         shale         251           25         lime         276 base of the Kansas City           177         shale         453           3         lime         456           4         shale         460           9         lime         469 oil show           9         shale         478           11         oil sand         489 green, good bleeding           7         shale         496           19         oil sand         515 green, good bleeding           5         shale         520           1         coal         521           7         shale         528           6         lime         534           15         shale         549           16         lime         553           18         shale         571           16         shale         603           3         lime         606			
5         shale         183           37         lime         220           6         shale         226           22         lime         248           3         shale         251           25         lime         276 base of the Kansas City           177         shale         453           3         lime         456           4         shale         460           9         lime         469 oil show           9         shale         478           11         oil sand         489 green, good bleeding           7         shale         496           19         oil sand         515 green, good bleeding           5         shale         520           1         coal         521           7         shale         528           6         lime         534           15         shale         549           4         lime         553           18         shale         571           16         shale         571           16         shale         603           3         lime         606			
37         Ilime         220           6         shale         226           22         Ilime         248           3         shale         251           25         Ilime         276 base of the Kansas City           177         shale         453           3         Ilime         456           4         shale         460           9         Ilime         469 oil show           9         shale         478           11         oil sand         489 green, good bleeding           7         shale         496           19         oil sand         515 green, good bleeding           5         shale         520           1         coal         521           7         shale         528           6         lime         534           15         shale         549           1         lime         553           18         shale         571           16         lime         587           16         shale         603           3         lime         606           5         shale         671			
6 shale 226 22 lime 248 3 shale 251 25 lime 276 base of the Kansas City 177 shale 453 3 lime 456 4 shale 460 9 lime 489 oil show 9 shale 478 11 oil sand 489 green, good bleeding 7 shale 496 19 oil sand 515 green, good bleeding 5 shale 520 1 coal 521 7 shale 528 6 lime 534 15 shale 528 6 lime 534 16 lime 534 17 shale 528 18 shale 528 18 shale 571 16 lime 553 18 shale 603 3 lime 606 25 shale 603 3 lime 606 25 shale 631 6 broken sand 678 brown, good bleeding 6 silty shale 684 4 sand 688 black,no oil show 32 shale 720 0.5 broken sand 725.5 brown & green sand, lite bleeding			
22         lime         248           3         shale         251           25         lime         276 base of the Kansas City           177         shale         453           13         lime         456           4         shale         460           9         lime         469 oil show           9         shale         478           11         oil sand         489 green, good bleeding           7         shale         496           19         oil sand         515 green, good bleeding           5         shale         520           1         coal         521           7         shale         528           6         lime         534           15         shale         549           4         lime         553           18         shale         571           16         lime         587           16         shale         603           3         lime         606           25         shale         631           6         broken sand         637 brown & grey sand, good bleeding           6			
3         shale         251           25         lime         276 base of the Kansas City           177         shale         453           3         lime         456           4         shale         460           9         lime         469 oil show           9         shale         478           11         oil sand         489 green, good bleeding           7         shale         496           19         oil sand         515 green, good bleeding           5         shale         520           1         coal         521           7         shale         528           6         lime         534           15         shale         549           1         lime         553           18         shale         571           16         lime         587           16         shale         603           25         shale         631           6         broken sand         637 brown & grey sand, good bleeding           34         shale         671           7         oil sand         678 brown, good bleeding			
25         lime         276 base of the Kansas City           177         shale         453           3         lime         456           4         shale         460           9         lime         469 oil show           9         shale         478           11         oil sand         489 green, good bleeding           7         shale         496           19         oil sand         515 green, good bleeding           5         shale         520           1         coal         521           7         shale         528           6         lime         534           15         shale         549           1         lime         553           18         shale         571           16         lime         587           16         shale         603           25         shale         631           6         broken sand         637 brown & grey sand, good bleeding           34         shale         671           7         oil sand         678 brown, good bleeding           6         silty shale         684			
177         shale         453           3         lime         456           4         shale         460           9         lime         469 oil show           9         shale         478           11         oil sand         489 green, good bleeding           7         shale         496           19         oil sand         515 green, good bleeding           5         shale         520           1         coal         521           7         shale         528           6         lime         534           15         shale         549           4         lime         553           18         shale         571           16         lime         587           16         shale         603           3         lime         606           25         shale         631           6         broken sand         637 brown & grey sand, good bleeding           34         shale         671           7         oil sand         678 brown, good bleeding           6         sitty shale         684           4			
Shale   Shal			
4       shale       460         9       lime       469 oil show         9       shale       478         11       oil sand       489 green, good bleeding         7       shale       496         19       oil sand       515 green, good bleeding         5       shale       520         1       coal       521         7       shale       528         6       lime       534         15       shale       549         1       lime       553         18       shale       571         16       lime       587         16       shale       603         3       lime       606         25       shale       631         6       broken sand       637 brown & grey sand, good bleeding         34       shale       671         7       oil sand       678 brown, good bleeding         6       silty shale       688         4       sand       688 black,no oil show         32       shale       720         0.5       broken sand       720.5 brown & green sand, lite bleeding         5			
9			
9       shale       478         11       oil sand       489 green, good bleeding         7       shale       496         19       oil sand       515 green, good bleeding         5       shale       520         1       coal       521         7       shale       528         6       lime       534         15       shale       549         4       lime       553         18       shale       571         16       lime       587         16       shale       603         3       lime       606         25       shale       631         6       broken sand       637 brown & grey sand, good bleeding         34       shale       671         7       oil sand       678 brown, good bleeding         6       silty shale       684         4       sand       688 black,no oil show         32       shale       720         0.5       broken sand       720.5 brown & green sand, lite bleeding         5       silty shale       725.5			
11       oil sand       489 green, good bleeding         7       shale       496         19       oil sand       515 green, good bleeding         5       shale       520         1       coal       521         7       shale       528         6       lime       534         15       shale       549         4       lime       553         18       shale       571         16       lime       587         16       shale       603         3       lime       606         25       shale       631         6       broken sand       637 brown & grey sand, good bleeding         34       shale       671         7       oil sand       678 brown, good bleeding         6       silty shale       684         4       sand       688 black,no oil show         32       shale       720         0.5       broken sand       720.5 brown & green sand, lite bleeding         5       silty shale       725.5			
7       shale       496         19       oil sand       515 green, good bleeding         5       shale       520         1       coal       521         7       shale       528         6       lime       534         15       shale       549         4       lime       553         18       shale       571         16       lime       587         16       shale       603         3       lime       606         25       shale       631         6       broken sand       637 brown & grey sand, good bleeding         34       shale       671         7       oil sand       678 brown, good bleeding         6       silty shale       684         4       sand       688 black, no oil show         32       shale       720         0.5       broken sand       720.5 brown & green sand, lite bleeding         5       silty shale       725.5			
19       oil sand       515 green, good bleeding         5       shale       520         1       coal       521         7       shale       528         6       lime       534         15       shale       549         4       lime       553         18       shale       571         16       lime       587         16       shale       603         3       lime       606         25       shale       631         6       broken sand       637 brown & grey sand, good bleeding         34       shale       671         7       oil sand       678 brown, good bleeding         6       silty shale       684         4       sand       688 black,no oil show         32       shale       720         0.5       broken sand       720.5 brown & green sand, lite bleeding         5       silty shale       725.5			
5         shale         520           1         coal         521           7         shale         528           6         lime         534           15         shale         549           4         lime         553           18         shale         571           16         lime         587           16         shale         603           3         lime         606           25         shale         631           6         broken sand         637 brown & grey sand, good bleeding           34         shale         671           7         oil sand         678 brown, good bleeding           6         silty shale         684           4         sand         688 black, no oil show           32         shale         720           0.5         broken sand         720.5 brown & green sand, lite bleeding           5         silty shale         725.5			
1       coal       521         7       shale       528         6       lime       534         15       shale       549         4       lime       553         18       shale       571         16       lime       587         16       shale       603         3       lime       606         25       shale       631         6       broken sand       637 brown & grey sand, good bleeding         34       shale       671         7       oil sand       678 brown, good bleeding         6       silty shale       684         4       sand       688 black,no oil show         32       shale       720         0.5       broken sand       720.5 brown & green sand, lite bleeding         5       silty shale       725.5			_
7       shale       528         6       lime       534         15       shale       549         4       lime       553         18       shale       571         16       lime       587         16       shale       603         3       lime       606         25       shale       631         6       broken sand       637 brown & grey sand, good bleeding         34       shale       671         7       oil sand       678 brown, good bleeding         6       silty shale       684         4       sand       688 black,no oil show         32       shale       720         0.5       broken sand       720.5 brown & green sand, lite bleeding         5       silty shale       725.5			
6       lime       534         15       shale       549         4       lime       553         18       shale       571         16       lime       587         16       shale       603         3       lime       606         25       shale       631         6       broken sand       637 brown & grey sand, good bleeding         34       shale       671         7       oil sand       678 brown, good bleeding         6       silty shale       684         4       sand       688 black,no oil show         32       shale       720         0.5       broken sand       720.5 brown & green sand, lite bleeding         5       silty shale       725.5			
15       shale       549         4       lime       553         18       shale       571         16       lime       587         16       shale       603         3       lime       606         25       shale       631         6       broken sand       637 brown & grey sand, good bleeding         34       shale       671         7       oil sand       678 brown, good bleeding         6       silty shale       684         4       sand       688 black,no oil show         32       shale       720         0.5       broken sand       720.5 brown & green sand, lite bleeding         5       silty shale       725.5			
4       lime       553         18       shale       571         16       lime       587         16       shale       603         3       lime       606         25       shale       631         6       broken sand       637 brown & grey sand, good bleeding         34       shale       671         7       oil sand       678 brown, good bleeding         6       silty shale       684         4       sand       688 black,no oil show         32       shale       720         0.5       broken sand       720.5 brown & green sand, lite bleeding         5       silty shale       725.5			
18       shale       571         16       lime       587         16       shale       603         3       lime       606         25       shale       631         6       broken sand       637 brown & grey sand, good bleeding         34       shale       671         7       oil sand       678 brown, good bleeding         6       silty shale       684         4       sand       688 black,no oil show         32       shale       720         0.5       broken sand       720.5 brown & green sand, lite bleeding         5       silty shale       725.5			
16       lime       587         16       shale       603         3       lime       606         25       shale       631         6       broken sand       637 brown & grey sand, good bleeding         34       shale       671         7       oil sand       678 brown, good bleeding         6       silty shale       684         4       sand       688 black,no oil show         32       shale       720         0.5       broken sand       720.5 brown & green sand, lite bleeding         5       silty shale       725.5			
16       shale       603         3       lime       606         25       shale       631         6       broken sand       637 brown & grey sand, good bleeding         34       shale       671         7       oil sand       678 brown, good bleeding         6       silty shale       684         4       sand       688 black,no oil show         32       shale       720         0.5       broken sand       720.5 brown & green sand, lite bleeding         5       silty shale       725.5			
Silty shale   Silty shale   Silty shale   Silty shale   Test			
shale 631 broken sand 637 brown & grey sand, good bleeding shale 671 oil sand 678 brown, good bleeding silty shale 684 sand 688 black,no oil show shale 720 o.5 broken sand 720.5 brown & green sand, lite bleeding silty shale 725.5			
broken sand 637 brown & grey sand, good bleeding shale 671  oil sand 678 brown, good bleeding 684  silty shale 684  sand 688 black,no oil show 720  broken sand 720.5 brown & green sand, lite bleeding 725.5			
34shale6717oil sand678 brown, good bleeding6silty shale6844sand688 black,no oil show32shale7200.5broken sand720.5 brown & green sand, lite bleeding5silty shale725.5			
7 oil sand 678 brown, good bleeding 6 silty shale 684 4 sand 688 black,no oil show 32 shale 720 0.5 broken sand 720.5 brown & green sand, lite bleeding 5 silty shale 725.5			
6 silty shale 684 4 sand 688 black,no oil show 32 shale 720 0.5 broken sand 720.5 brown & green sand, lite bleeding 5 silty shale 725.5			
4 sand 688 black,no oil show 32 shale 720 0.5 broken sand 720.5 brown & green sand, lite bleeding 5 silty shale 725.5			
<ul> <li>shale</li> <li>5</li> <li>shale</li> <li>720</li> <li>720.5 brown &amp; green sand, lite bleeding</li> <li>silty shale</li> <li>725.5</li> </ul>		<del>-</del>	
0.5 broken sand 720.5 brown & green sand, lite bleeding 5 silty shale 725.5	4		
5 silty shale 725.5		shale	
•	0.5	broken sand	<del>-</del>
1.5 broken sand 727 brown & grey sand, ok bleeding			
	1.5	broken sand	727 brown & grey sand, ok bleeding

Vhiteside #9-T		Page 2
2.5	silty shale	729.5
1	broken sand	730.5 brown & grey sand, ok bleeding
1	silty shale	731.5
1.5	broken sand	733 brown & green sand, ok bleeding
2.5	silty shale	735.5
1	broken sand	736.5 brown & grey sand, ok bleeding
1	silty shale	737.5
2	broken sand	739.5 brown & grey sand, ok bleeding
2.5	silty shale	742
0.5	broken sand	742.5 brown & grey sand, ok bleeding
2	silty shale	744.5
2.5	broken sand	747 brown & grey sand, ok bleeding
3	oil sand	750 brown sand, good bleeding
3	broken sand	753 brown & grey sand, ok bleeding
12	silty shale	765
6	shale	771
3	grey sand	774 light oil show
3	silty shale	777
7	oil sand	784 brown & grey, ok bleeding
21	silty shale	805
8	grey sand	813 grey sand, laminated with shale, no oil
6	silty shale	819
16	shale	835
14	sand	849 green & brown, very light oil show
24	shale	873
10	silty shale	883
8	shale	891 TD

Drilled a 9 7/8" hole to 23.5' Drilled a 5 5/8" hole to 891'

Set 23.5' of 7" surface casing cemented with 5 sacks of cement.

Set 881' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.



TICKET NUMBER FOREMAN Fred

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

**AUTHORIZTION** 

# FIELD TICKET & TREATMENT REPORT **CEMENT**

	CUSTOMER#	WELL NAM	IE & NUMBER	SE	CTION	TOWNSHIP	RANGE	COUNTY
DATE	CUSTOMER#	VVCLC IVAIV	t a m				•	-71-1-4-
4/19/12	7806	Whiteside	#97	<u>5</u> ω		20	20,	ANCO.
CUSTOMER				6.77	A 4 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	T 550/55	TDUOK#	L DDIVED
Tail	water I	. C		TF	RUCK#	DRIVER	TRUCK# ·	DRIVER
MAILING ADDRE	ESS			3	00	FREMAD	Safety	my
6421	Avondal	- Dr.			495	HARAEC	· V	0
CITY	, , , , , , , , , , , , , , , , , , , ,	STATE ZIP	CODE		उ ६ १	DERMAS		
OKlahon	us Eiti	OK Z	3116		510	MIKHAA	L	
JOB TYPE	, , , /	HOLE SIZE 5	HOLE D	EPTH8	-91	CASING SIZE & V	/EIGHT <u>≈ 1/8</u>	EOR
CASING DEPTH	11 1	DRILL PIPE	TUBING				OTHER	<u> </u>
SLURRY WEIGH		SLURRY VOL	WATER	gal/sk		CEMENT LEFT in	CASING 22	100
DISPLACEMEN		DISPLACEMENT PS	MIX PSI			RATE SBP		<u> </u>
	stablish	sums ra	to. Mixx	PUMP	100 # p	romina a	el Flush	
	+ Pump	131 54	5 50/50	Por m	1/2 Ce	ment 2/c	all. C.	enunt
	SUlface.	Flush po	ump x lm	es cla	ur D	isplace 2	2" Ru61	0-W
Dlug		sing ID.	Pressur	e to	800 5	PSI. Re	lease fre	35006
York		1 15 1	wyin co					· · · · · · · · · · · · · · · · · · ·
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						$\mathcal{I}_{\mathcal{A}}$	21000	<u> </u>
·Æ	OUC EN	197 Dev. Lu	c (Mitche	es)		ful!		
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ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	)	PUMP CHARGE 495		10300
5406	)	MILEAGE	· 	N/C
5402	881	Casire too tage		NC
5407	4 Minimum	You Miles 510	·	175
55020		80 BBL Vac Truck 369		1359
33000	72.			
	1315/5	50/50 for M. x Cement		1434.
1/24	., .	Premien al		(2 <sup>2</sup>
111813	350.			38 00
4402		22 Rubber plug		<u> </u>
				. + 57 2
				•
				-
		7.8%	SALES TAX	119 \$
Ravin 3737		249226	ESTIMATED TOTAL	2988

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.