

Confidentiality Requested:

Yes No

#### Kansas Corporation Commission Oil & Gas Conservation Division

1298039

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:			Sec	TwpS. R	East West
Address 2:			F6	eet from North /	South Line of Section
City:	State: Z	ip:+	Fe	eet from East /	West Line of Section
Contact Person:			Footages Calculated from I	Nearest Outside Section C	Corner:
Phone: ()			□ NE □ NW	V □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:	W	/ell #:
	e-Entry	Workover	Field Name:		
	_	SIOW	Producing Formation:		
☐ Oil ☐ WSW ☐ D&A	☐ SWD		Elevation: Ground:	Kelly Bushing:	:
	GSW	☐ SIGW ☐ Temp. Abd.	Total Vertical Depth:	Plug Back Total C	Depth:
CM (Coal Bed Methane)	dow	Temp. Abd.	Amount of Surface Pipe Se	et and Cemented at:	Feet
☐ Cathodic ☐ Other (Co	ore, Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No
If Workover/Re-entry: Old Well I			If yes, show depth set:		Feet
Operator:			If Alternate II completion, c	cement circulated from:	
Well Name:			feet depth to:	w/	sx cmt.
Original Comp. Date:					
Deepening Re-perf	•	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan	
☐ Plug Back	Conv. to G		(Data must be collected from the		
Commingled	Pormit #:		Chloride content:	ppm Fluid volume	e: bbls
Dual Completion			Dewatering method used: _		
SWD			Location of fluid disposal if	hauled offsite	
☐ ENHR			1		
GSW	Permit #:		Operator Name:		
_ <del>_</del>			Lease Name:	License #:_	
Spud Date or Date R	eached TD	Completion Date or	Quarter Sec	TwpS. R	East _ West
Recompletion Date		Recompletion Date	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 III Approved by: Date:							

Page Two



Operator Name:			Lease Name:			Well #:	
Sec Twp	S. R	East West	County:				
<b>INSTRUCTIONS:</b> Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.							
		tain Geophysical Data a r newer AND an image f		gs must be ema	iled to kcc-well-log	gs@kcc.ks.gov	. Digital electronic log
Drill Stem Tests Taken (Attach Additional S		Yes No			n (Top), Depth an		Sample
Samples Sent to Geol	ogical Survey	☐ Yes ☐ No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING	RECORD Ne	w Used			
		Report all strings set-o			on, etc.		
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
		ADDITIONAL	CEMENTING / SQL	EEZE RECORD	I	1	
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Po	ercent Additives	
Perforate Protect Casing Plug Back TD	тор вошот						
Plug Off Zone							
Does the volume of the to	•	n this well? aulic fracturing treatment ex submitted to the chemical o		Yes [ Yes [ Yes [	No (If No, ski)	o questions 2 and question 3) out Page Three	
Shots Per Foot		N RECORD - Bridge Plug			cture, Shot, Cement		
S.13.6 Y 3. Y 33.	Specify Fo	ootage of Each Interval Perf	orated	(Ar	nount and Kind of Ma	terial Used)	Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or ENH	IR. Producing Meth		Gas Lift C	other (Explain)		
Estimated Production Per 24 Hours	Oil B	bls. Gas	Mcf Wate	er Bl	bls. G	ias-Oil Ratio	Gravity
				T.O.		DE 0-11-	
DISPOSITION Vented Sold	ON OF GAS:  Used on Lease	Open Hole	METHOD OF COMPLE  Perf. Dually		nmingled	PRODUCTIO	ON INTERVAL:
(If vented, Sub		Other (Specify)	(Submit A		mit ACO-4)		

Form	ACO1 - Well Completion		
Operator	Altavista Energy, Inc.		
Well Name	Windler-Stephens A-8		
Doc ID	1298039		

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	23	Portland	3	NA
Production	5.625	2.875	7	540	50/50 Poz	75	See Ticket

Miami County, KS Town Oilfield Service, Inc. Commenced Spudding: Well: Windler-Stephens A-8 (913) 837-8400 11/13/2015

Lease Owner: AltaVista

#### WELL LOG

	Formation	Total Depth	
0-10	Soil-Clay	10	
7	Lime	17	
13	Shale	30	
33	Lime	63	
8	Shale	71	
23	Lime	94	
4	Shale	98	
2	Lime	100	
4	Shale	104	
6	Lime	110	
22	Shale	132	
10	Sand	142	
131	Shale	273	
17	Sand	290	
31	Shale	321	
6	Lime	327	
6	Shale	333	
4	Lime	337	
8	Shale	345	
7	Lime	352	
4	Sand	356	
12	Shale	368	
4	Lime	372	
13	Shale	385	
26	Lime	411	
18	Shale	429	
5	Lime	434	
41	Shale	475	
11	Sandy Shale	486	
1	Sand	487	
10	Core	497	
18	Sandy Shale	515	
21	Shale	536	
1	Lime	537	
9	Shale	546	
5	Sand	551	
9	Shale	560-TD	

Miami County, KS Town Oilfield Service, Inc. Commenced Spudding: Well: Windler-Stephens A-8 (913) 837-8400 11/13/2015

Lease Owner: AltaVista

	Core	
		487
1.5	Sand	488.5
8.5	Sandy Shale	497
		2000
		2 - 22 - 23 - 24 - 24 - 24 - 24 - 24 - 2

## **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

. .

TO FIGURE AMPS:

WATTS = AMPS

746 WATTS equal 1-HP

## Log Book

Well No.	-8	
	<i>)</i> —	
Farm Wind	11er -5	tephens
(State)	/	(County)
(Section)	18 (Township)	2 y (Range)
For Alfavist	1 To declarations are a	

# Town Oilfield Services, Inc.

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

wind ler-Stephens Farm: Miami CASING AND TUBING MEASUREMENTS KS\_State; Well No. \_\_ 933 Feet Feet In. Elevation\_ Commenced Spuding 11-13 Finished Drilling \_\_\_\_ 513. Driller's Name 10 Driller's Name Tool Dresser's Name Tool Dresser's Name Tool Dresser's Name Contractor's Name 21 (Section) (Range) (Township) line, 2805 Distance from 30 Distance from \_ 30 2 1/8 casing 3 Sacks 35 1 core Belo 4/0 9 115 27 10 55/8 borehole **CASING AND TUBING RECORD** 10" Pulled 8" Pulled 7 %" Set \_ 61/4" Pulled 4" Pulled 2" Pulled -1-

Thickness of		Total			
Strata	Formation	· Depth		Remarks	
0-10	Soil - clay	10			
7	limel	17	1 , 1 3		
13	shale	30	1 :	Lord T	<del>'</del>
33	Lime	63	177		<del></del>
8	shal-e	71		71.77	
23	Lime	94	shells		
4.	Shale	98	3.00	- 194	<u></u>
2	Line	100		11.0 4	<del></del> -
4	Shale	104		1 1	, ,
6	Lime	110	Hertha		· · · · · · · · · · · · · · · · · · ·
22	shale	132	Torra	-	
10	Sand	142	good o	il Slow	
131	shale	273	0000	11 000	
17	Sand	290	no Oil		
31	Shale	32			
6	Lime	327			
6	Shele	333			
4	Lime	337			
8	Shale	345			
7	Lime	352			
4	Sand	356	no Gil		
12	Shale	368			
4	Lime	372			
13	Shabe	385			
26	Lime	411		a Bi	
18	shale	429	į .	£	
5	Lime	737	1		
	2				

"	71/
ч	50

		727	
Thickness of Strata	Formation	Total Depth	Remarks
.41	Shale	475	
11	Sandy shell	486	
1	Sand	487	broken Oil- god saturation
10	core	497	Page 6
18	sandy shalt	515	Tige 4
21	shale	534	
	Limp	537	
9	shall e	546	
-5	sand	551	gray - no Oil
9	Shale	560	TK NO OI
	***		
	š	***	
		9	
		1	
	9	1 30-	0
Amp. Amr.			
		45	
Section 1		. 7	,
	AND THE RESERVE OF THE PARTY OF		

-5-

Thickness of Strata	Formation	Total Depth	Remarks
200		295.11	1
	core		
		487	
1,5	Shool	488.5	broken oil - good saturation
8.5	sandy shale	497	no Oil
	· ·		
<u> </u>			
		-	
			2
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	(4)		,
*			
	-		
7			
	•		

-6-

-7-



#### **REMIT TO**

MAIN OFFICE

P.O.Box884 Chanute,KS 66720 620/431-9210,1-800/467-8676 Fax 620/431-0012

Consolidated Oil Well Services,LLC Dept:970 P.O.Box 4346 Houston,TX 77210-4346

Invoice

Invoice#

806446

Invoice Date:

11/25/15

Terms:

Net 30

Page

1

ALTAVISTA ENERGY INC

4595 K-33 HWY, PO BOX 128 WELLSVILLE KS 66092

USA

7858834057

windler-stephens # a-8

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	46.000	810.00
CE0002	Equipment Mileage Charge - Heavy Equipment	30.000	7.1500	46.000	115.83
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	46.000	356.40
WE0853	80 BBL Vacuum Truck (Cement Services)	1.500	100.0000	46.000	81.00
CC5840	Poz-Blend I A (50:50)	75.000	13.5000	46.000	546.75
CC5965	Bentonite	226.000	0.3000	46.000	36.61
CC5326	Sodium Chloride, Salt	145.000	0.7500	46.000	58.73
CC6077	Kolseal	375.000	0.5000	46.000	101.25
CP8176	2 7/8" Top Rubber Plug	1.000	45.0000	46.000	24.30

\_\_\_\_\_\_\_

Subtotal 3,946.05
Discounted Amount 1,815.18

SubTotal After Discount 2,130.87

Amount Due 4,059.77 If paid after 12/25/15

Tax:

61.41

Total:

2,192.28

\_\_\_\_\_\_



CUSTOMER  Alta vista Energy  MAILING ADDRESS  P. D. 128  CITY  Wellsville  WS 6692  JOB TYPE Languisting HOLE SIZE 578  HOLE DEPTH 5 LO  CASING DEPTH 5 40.100  DIRLTPPEPER FILE  MIX PSI  DISPLACEMENT 278 BOISPLACEMENT PSI  MIX PSI  REMARKS: Hold Safety Must be Establish Pump 128 G. S. S. S.  Flush Wirth Dana 75 5 Les Bland TA (2004) 250 SAM  The Stablest Pump 128 SAM  REMARKS: Hold Safety Must be Establish Pump 128 G. S. S. S.  The Stablest Pump 128 SAM  The Safety Must be Surface. Flush Pump 128 C. S. S. S.  The Safety Must be Surface. Flush Pump 128 C. S. S.  The Safety Must be Surface. Flush Pump 128 C. S. S.  The Safety Must be Surface. Flush Pump 128 C. S. S.  The Safety Must be Surface. Flush Pump 128 C. S. S.  The Safety Must be Surface. Flush Pump 128 C. S. S.  The Safety Must be Surface. Flush Pump 128 C. S. S.  The Safety Must be Surface. Flush Pump 128 C. S. S.  The Safety Must be Surface. Flush Pump 128 C. S. S.  The Safety Must be Surface. Flush Pump 128 C. S.  The Safety Must be Surface. Flush Pump 128 C. S.  The Safety Must be Safety Safety Total  ACCOUNT CODE  ACCOUNT QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 092 B. S. M. MILEAGE  CE 071 A. Mixi Must Tom Miles Delivery STO 660 C.  WE 0853 12 hr 80 BBL Vac Truck 675 150 C.	CUSTOMER  A A A A A A A A A A A A A A A A A A A	32-14 Wind  STATE  VILLE  HOLE SIZ  T	ZIP CODE  6092  E 578 HOLE DEPT	SECTION  N W 2   4    TRUCK #  7/2  495  (075  \$/6	DRIVER Fre Mad Har Bec Kei Dex	24	<b>国际共和18</b>
CUSTOMER  Altaursta Energy  MAILING ADDRESS  P. D. 128  CITY  Wellsville  KS 6692  JOB TYPE Langstring Hole Size  STB HOLE DEPTH  SLURRY WEIGHT  SLURRY WEIGHT  SLURRY WEIGHT  SLURRY WOLL  MATER gallok  FRATE H BPM  REMARKS: Hald Safeth Muttur Establish Pump 125 Gal  Flush Wirth Pana 75 bles Pan Bland TA (emit 25 Gal)  Star Pana 15 bles Pana Prosessor  Flush Wirth Pana 75 bles Pana TA (emit 25 Gal)  Star Pana 15 bles Pana Prosessor  Flush Place I'z" Rubbar Plush Baffler Casing Pressive to  Sob Poll Rabase pacsaurs to Set Floor Nalve. Shurth Casing  ACCOUNT CODE  ACCOUNT QUANITY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  UNIT PRICE TOTAL  CEOUSO  I PUMP CHARGE  CE 0002  GOB MILEAGE  Ton Mileage  Ton Miles Delivery  STO 6605  1/2 hr 80 88 bl Vac Truck  675 1505  1/2 hr 80 88 bl Vac Truck  675 1505	CUSTOMER  A A A A A A A A A A A A A A A A A A A	STATE  WILE HOLE SIZE  T	ZIP CODE  6692  E 578 HOLE DEPT  TUBING	TRUCK#  7/2  495  675  5/6  TH5 & 0	DRIVER Fre Mad Har Bec Kei Dex Mikkea	<b>西州山州</b>	<b>国际共和18</b>
CUSTOMER  A 1 - 1/5 to Energy  MAILING ADDRESS  P. D. 128  CITY  WE 1/5 ville  LS 6692  JOB TYPE LONG STYNE HOLE SIZE  CASING DEPTH 5 40.100  DIRTETPREST Flow  WATER GAISE  CASING DEPTH 5 40.100  DIRTETPREST Flow  WATER GAISE  CASING SIZE & WEIGHT 27/6 EUE  CASING DEPTH 5 40.100  DIRTETPREST Flow  WATER GAISE  CEMENT LEFT IN CASING 27' + Plag  DISPLACEMENT 27/8 B B DISPLACEMENT PSI  MIX PSI  REMARKS: 100 W 50 fc 4 Must w. Establish pump 105 G.2  Flush With Dong 75 bits Pom Bland TA (emich 20 G.2  Flush With Dong 75 bits Pom Bland TA (emich 20 G.2  The loss of 1/2" Rubbar place  Battley Cas no. Pressive to  ROS PSI. Ralpase places with 5 set flood value. Shut in Casing.  ACCOUNT  CODE  QUANTY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  UNIT PRICE  TOTAL  CEOUSO  I PUMP CHARGE  CE 0002  B 30 m. MILEAGE  CE 071 6 m in norm  Ton Miles Delivery  500 605  1/2 hr 80 88 W Vac Truck  675 1505  1/2 hr 80 88 W Vac Truck  675 1505	MAILING ADDRE  P. 0. CITY , Wells  JOB TYPE L. CASING DEPTH SLURRY WEIGH DISPLACEMENT REMARKS: M	STATE  WILE HOLE SIZE  T	ZIP CODE  6692  E 578 HOLE DEPT  TUBING	7/2 495 675 5/6	Fre Mad / Har Bec / Kei Del / Mikhea	TRUCK#	DRIVER
P. D. 128  CITY  Wellsville  RS  GLOP2  JOB TYPE Langustyn, HOLE SIZE  STB  HOLE DEPTH  SLO  CASING SIZE & WEIGHT  SLURRY VOL  WATER GALISK  CEMENT LEFT IN CASING 27 + Plus  DISPLACEMENT  ZY8 B GLOSPLACEMENT PSI  MIX PSI  REMARKS: 1/2 6/2 5/2 6/2 5/2 5/2 5/2 5/2 5/2 5/2 5/2 5/2 5/2 5	MAILING ADDRE  P. 0  CITY  DOB TYPE  CASING DEPTH SLURRY WEIGH DISPLACEMENT REMARKS: //	STATE  STATE  STATE  COLOR  CO	ZIP CODE 66092  E 578 HOLE DEPT TUBING	7/2 495 675 5/6	Fre Mad / Har Bec / Kei Del / Mikhea	TRUCK#	DRIVER
P. D. 128  CITY  Wellsville  RS  GOP2  JOB TYPE Langstyin HOLE SIZE 578  HOLE DEPTH SLO CASING SIZE & WEIGHT 276 EUE  CASING DEPTH S 40.100 DRILE PREPERTIFIE in TUBING & S13.20 OTHER  SLURRY WEIGHT SLURRY VOL WATER gallsk CEMENT LEFT IN CASING 27 + Plug  DISPLACEMENT 278 BOISPLACEMENT PSI MIX PSI RATE 4 BPM  REMARKS: Hold Safeth Mushur Establish pump 1285. Mix + Pump 100 Gol  Flush With Young 75 Six Po Bland TA (emix 20 Gol 570 Solt)  5# Hol Seel/sk. Cement to Surface. Flush pump 1 has clean.  Displace 212" Rubbar plug Bafflem Casing, Pressive to  808 PSI. Kalpase pacsaurt to Set floot value. Shurtin (esting)  ACCOUNT CODE QUANITY OF UNITS DESCRIPTION of SERVICES OF PRODUCT UNIT PRICE TOTAL  CEOUS I PUMP CHARGE 495 1500 CE  CE 0002 B 30 m. MILEAGE 495 2145 CE  CE 0711 A Minimum Ton Miles Delivery 570 660 CE  CE 0711 A Minimum Ton Miles Delivery 570 660 CE  CE 0711 A Minimum Ton Miles Delivery 570 660 CE  CE 0711 A Minimum Ton Miles Delivery 570 660 CE  CE 0853 12 hr 80 BBL Vac Truck 675 150 CE	P. D. CITY , Wells JOB TYPE L. CASING DEPTH SLURRY WEIGH DISPLACEMENT REMARKS: M	STATE  STATE  STATE  HOLE SIZ  TSLURRY	E 578 HOLE DEPT	495 (075 5/6	Har Bec / Kij Del / MikHea		
CITY  Wellsville  US 6692  JOB TYPE Longs hym, HOLE SIZE 578 HOLE DEPTH 560 CASING SIZE & WEIGHT 276 EUF  CASING DEPTH 5 40.107  TRICT PRESENT FILE  SLURRY VOL.  WATER gallsk.  CEMENT LEFT in CASING 27 + Plug  DISPLACEMENT 298 B. BIOSPLACEMENT PSI  MIX PSI  REMARKS: 1/40 1/4 Safe to Mush to Eshablish pump 100 G. P.  Flush Wirt Pomp 75 Sles Pom Blood TA Comust 28 Cal 570 Saft  John Sales 1/2 Rubbar plug to Bafflein Casing 172 Rubbar plug to Saftlein Casing 172 Shut in Casing 172 Rubbar plug to Saftlein Casing 172 Rubbar 172 Rubbar plug to Saftlein Casing 172 Rubbar 172 Rubbar 173 Shut in Casing 173 Shut in Casing 174 Rubbar 174 Rubbar 175 Shut in Casing	JOB TYPE ACCASING DEPTH SLURRY WEIGH DISPLACEMENT REMARKS: A	STATE  LS  HOLE SIZ  T  SLURRY	E 578 HOLE DEPT	(075 5/6 TH_5 60	MikHea!	6	
JOB TYPE Long style HS 6692  JOB TYPE Long style HOLE SIZE 578  CASING DEPTH 5 40.100  DRILLTHER Affle in TUBING & S13.20  OTHER  SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 27 + Pig  DISPLACEMENT 278 B Bidisplacement psi MIX psi RATE 4 B PM  REMARKS: 1/a 1/a Safe to Much w. Establish puna 128. Mix to Pump 100 Gal  Flush Mir to Poma 75 S 1/a Pom Blood TA Commat 23 Gal 570 Salt  5th 1/a 1 Salf sk. Cement to Su to toc. Flush pump 1 1/as clean.  Displace 21/2" Rubbar plug & Bartlen Casing. Pressive to  Rob P31. Kalpase packs with to Set flood value. Shut in Casing.  ACCOUNT CODE  QUANITY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  UNIT PRICE TOTAL  CE 0450  1 PUMP CHARGE 495 15002  CE 0002  CE 0711 A Mix mum Ton Miles Delivery 570 6602  UE 0853  1/2 hr 80 B B L Vac Truck 675 1502	JOB TYPE LC CASING DEPTH SLURRY WEIGH DISPLACEMENT REMARKS: //	HOLE SIZE TO SLURRY	E 578 HOLE DEPT	5/6 TH_560	MikHea		
JOB TYPE LONG STYNE HOLE SIZE 578 HOLE DEPTH 5 to CASING SIZE & WEIGHT 27/6 EUE  CASING DEPTH 5 40.10 DRILLEFRED FFI IN TUBING & S13.20 OTHER  SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT IN CASING 27' + Plug  DISPLACEMENT 278 B BIDISPLACEMENT PSI MIX PSI RATE 4 BPM  REMARKS: 140 6/ Safety Must be Establish Dump 108. Mix + Pump 108 G. Q.  TUSH. With 4 Pump 75 S125 Por Bland TA (emust 20 G.) 570 Saft  5th 101 Sall/sk. Cement to Surface. Flush pump 1 has clean.  DISPLACE 21/2" Rubbar plug to Bafflen Casing. Pressive to  808 PSI. Kalpase pacsaure to Set flood value. Shurtin (aster.  ACCOUNT CODE QUANTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CEO450 I PUMP CHARGE 495 150022  CE 0002 B 30 mi. MILEAGE 495 214524  CE 0002 B 30 mi. MILEAGE 495 214524  CE 0711 6 minimum Ton Miles Delivery 570 66022  UE 0853 1/2 hr 80 B B L Vac Truck 675 15024	JOB TYPECASING DEPTH SLURRY WEIGH DISPLACEMENT REMARKS: //	HOLE SIZE	E 578 HOLE DEPT	5/6 M			
CASING DEPTH 5 40.10 DRICTHPE BAFFLO IN TUBING & 513.20  OTHER  SLURRY WEIGHT SLURRY VOL WATER gallsk CEMENT LEFT IN CASING 27 + Plug  DISPLACEMENT 298 BODISPLACEMENT PSI MIX PSI RATE 4 BPM  REMARKS: No W Sofe & Mark W. Establish pump rass. Mix + Pump 100 G.2  Flush With Common 75 Slus Po Bland TA (email 23 Col 570 Soft  5th 100 1 Sol 1 Sk. Cement to Surface. Flush pump 1 Incas clean.  Displace 21/2" Rubbas plug to Baffle Casing. Pressive to 800 PSI. Kalpase purchasive to Set flood value. Shut in Casing.  ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CEO450 I PUMP CHARGE 495 (500 COL)  CE 0002 Q 30 m. MILEAGE 495 (500 COL)  UE 0853 1/2 hr 80 BBL Vac Truck 575 150 COL	CASING DEPTH SLURRY WEIGH DISPLACEMENT REMARKS: /	5 40.10 DRILEPH T SLURRY	Beffle Su TUBING		CASING SIZE & W		
CASING DEPTH 5 40.10 DRILL PREPARATE IN TUBING & \$13.20  OTHER  SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT IN CASING 27 + Plug  DISPLACEMENT 278 BS DISPLACEMENT PSI MIX PSI RATE 4 BPM  REMARKS: 1/40 W Safe & Mux & Establish pump 125. Mix + Pump 120 G.2  Flush Mir + Poma 75 Slus Po. Bland T.A (emux) 25 Cal 570 Salt  5th 1/40 Sall sk. Cement to Surface. Flush pump 1 has clean.  Displace 21/2" Rubbar plug to Bafflem Casing. Pressive to 800 PSI. Kalpase pressure to Set flood value. Shurt in Casing.  ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CEO450 I PUMP CHARGE 495 150000  CE 0002 B 30 mi. MILEAGE 495 214500  CE 0711 M Mix mum Ton Miles Delivery 570 66000  UE 0853 1/2 hr 80 BBL Vac Truck 675 150000	CASING DEPTH SLURRY WEIGH DISPLACEMENT REMARKS: /	5 40.10 DRILEPH T SLURRY		513.20		VEIGHT 276	EUE
DISPLACEMENT 298 B BIDISPLACEMENT PSI MIX PSI RATE 4 BPM  REMARKS: 1/20 6 Sofety Meether. Establish pump 1285. Mix + Pump 120 Col  Flush. Whith Poma 75 Shes Pom Bland TA (emeth 25 Col 5% Soft)  5th Nol Seal / sk. Cement to Surface. Flush pump three clean.  Displace 21/2" Rubbar plug to Bafflein Casing. Pressive to  Rob" PSI. Kalease packanic to sext flood value. Shurt in Casing.  ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTAL  CEO450 I PUMP CHARGE 495 150000  CE 0002 Q 30 mi. MILEAGE 495 214500  CE 0711 of Minimum Ton Miles Delivery 570 66000  UE 0853 1/2 hr 80 BBL Vac Truck 675 150000	DISPLACEMENT REMARKS: /		VOL WATER gali			OTHER	
REMARKS: No W Safety Must by. Establish pump 125. Mix + Pump 100 Gel Flush. Wirt Pomp 75 SILS Pom Bland IA (emust 25 Col 570 Soft 5 Holself K. Cement to Surface. Flush pump thes clean.  Displace 21/2" Rubber plug to Baffleth Casing. Pressure to Rob" PSI. Release pressure to set flood value. Shurt in Casing.  Tos Drilly (wes)  ACCOUNT QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTAL  CEO450 I PUMP CHARGE 495 (500 Col	REMARKS: /	2.98 BB WISPLACE		/sk	CEMENT LEFT In	CASING 27'-	+ Plus
Flush Mirt Pong 75 5145 Pon Bland T.A Coment 28 Col 570 Salt  5th 16   Seal/sk. Coment to Surface. Flush pumpt lines clean.  Displace 21/2" Rubbar plus to Battle Casing. Pressive to  808 P81. Release pressure to sex float value. Shut in Casing.  Tos Drilly (Nes)  ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTAL  CE0450   PUMP CHARGE 495 (50000)  CE 0002	REMARKS: /		EMENT PSI MIX PSI		RATE 4 3/	om	. 0
Flush Mirt Pong 75 5145 Pon Bland T.A Coment 28 Col 570 Salt  5th 16   Seal/sk. Coment to Surface. Flush pumpt lines clean.  Displace 21/2" Rubbar plus to Battle Casing. Pressive to  808 P81. Release pressure to sex float value. Shut in Casing.  Tos Drilly (Nes)  ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTAL  CE0450   PUMP CHARGE 495 (50000)  CE 0002	T11	old safety n	wxw. Establish	- DUNIA 125	. Mix+	Pumo 10	ox Gal
To Disting (wes)  ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE 0002 QUANITY OF	Y WSW.	Mir + Poma	75 5145 Por Bles			Cel 5% S	06
To District 2"2" Rubber plus to Battlein Casing. Pressure to  808 PSI. Release pressure to set flood value. Shurt in Casing.  To Dilly (wes)  ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTAL  CEO450 I PUMP CHARGE 495 1500 CE  CE 0002 & 30 m. MILEAGE 495 2145 CE  CE 0711 O Minimum Ton Miles Delivery 570 660 CE  WED 853 1/2 hr 80 BBL Vac Truck 675 1500 CE	5# 16o				70		
Tos Drilly (wes)  ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  CE0450 1 PUMP CHARGE 495 1500000  CE 0002 0 30 mi. MILEAGE 495 2145000  CE 0711 0 minimum Ton Miles Delivery 570 660000  WED853 12 hr 80 BBL Vac Truck 675 1500000	Disabo	= 21/2" Rub!	er plucto Bak				
Tas Drilly (Nes)  ACCOUNT QUANITY or UNITS  DESCRIPTION of SERVICES or PRODUCT  UNIT PRICE TOTAL  CE0450  I PUMP CHARGE  495 (5002)  CE 0002  Description of SERVICES or PRODUCT  UNIT PRICE TOTAL  CE 0002  Observed  Ton Miles Delivery  S10 (602)  WE0853  1/2 hr 80 BBL Vac Truck  675 1502	8004						Ása
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375# Rubber Plug SUB Tokal Less 46% 8% SALES TAX Ravin 3737 **ESTIMATED** 

AUTHORIZTION Vo Co

TOTAL DATE

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