Confidentiality Requested: Yes No

## **KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION**

1202763

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:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
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.):	Producing Formation:
If Workover/Re-entry: Old Well Info as follows:	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	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Dual Completion Permit #:	
SWD         Permit #:           ENHR         Permit #:	Location of fluid disposal if hauled offsite:
ENHR         Permit #:           GSW         Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West

County:

**Recompletion Date** 

Date Reached TD

Completion Date or **Recompletion Date** 

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

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

	Page Two	1202763
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTRUCTIONS: Chave important tang of formations panetrated	Datail all agree Bapart all final	apping of drill stome tools giving interval tooled, time tool

**INSTRUCTIONS:** 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No		Log Formatic	on (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	gical Survey	🗌 Yes 🗌 No	Nar	ne		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-		lew Used termediate, producti	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
		ADDITIONA	L CEMENTING / SC	UEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydraulic	fracturing treatment of	on this well?		Yes	No (If No, ski	o questions 2 an	d 3)

Did you perform a nyuradilo naotaning ireatinent on this weire
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?

	(11 140, 510) 9405110115 2 0
No	(If No, skip question 3)

Yes

Yes

No (If No, fill out Page Three of the ACO-1)

Shots Per Foot		PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Co (Amount and Kind	ement Squeeze Record I of Material Used)	Depth		
TUBING RECORD:	Siz	20:	Set At:		Packer	At:	Liner R		No	
Date of First, Resumed	l Producti	on, SWD or ENHF	<b>}</b> .	Producing Met	hod:	oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
				1						
DISPOSITI	ION OF G	BAS:		n	METHOD (	OF COMPLE	TION:		PRODUCTION INTI	ERVAL:
Vented Solo	d 🗌 l	Jsed on Lease		Open Hole	Perf.	Dually		Commingled		
(If vented, Su	ıbmit ACO	-18.)		Other <i>(Specify)</i>		(Submit A	,	(Submit ACO-4)		

Douglas County, KS Well: Early A-2 Lease Owner:AltaVista

Town Oilfield Service, Inc. Commenced Spudding: (913) 837-8400 4/10/2014

#### WELL LOG

Thickness of Strata	Formation	Total Depth
0-7	Soil-Clay	7
88	Sand	95
111	Shale	206
4	Lime	210
3	Sandy Shale	213
5	Shale	218
13	Lime	231
9	Shale	240
7	Lime	247
6	Shale	252
20	Lime	273
9	Shale	282
15	Sandy Shale	297
5	Shale	302
19	Lime	321
6	Sandy Shale	328
4	Sand	332
61	Shale	393
* 22	Lime	415
13	Shale	428
4	Shale	432
8	Lime	440
15	Shale	455
8	Sandy Shale	463
19	Lime	482
5	Shale	487
1	Lime	488
12	Shale	500
23	Lime	523
8	Shale	531
3	Shale	534
20	Lime	554
5	Shale	559
4	Lime	563
3	Shale 566	
6	Lime	572
8	Shale	580
9	Sandy Shale	584
97	Shale	686
12	Sand	698

Douglas County, KS Well: Early A-2 Lease Owner:AltaVista

Town Oilfield Service, Inc. (913) 837-8400

Commenced Spudding: 4/10/2014

29	Shale	727
2	Lime	729
13	Shale	742
9	Lime	751
9	Shale	760
2	Lime	762
9	Shale	771
1	Lime	772
1	Shale	773
6	Lime	779
14	Shale	793
3	Lime	796
11	Shale	807
2	Lime	809
5	Shale	814
1	Lime	815
1	Shale	816
1	Lime	817
15	Shale	832
1	Lime	833
5	Shale	838
2	Lime	840
2	Shale	842
1	Lime	843
21	Shale	864
<sup>`</sup> 15	Sandy Shale	879
36	Shale	915
18	Sandy Shale	933
15	Shale	948
10	Sand	958
6	Sandy Shale	964
4	Shale	968
2	Red Bed	970
30	Shale	1000-TD
		· · · · · · · · · · · · · · · · · · ·

# Short Cuts

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**

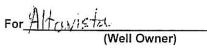
\* D - Diameter of Pump Sheave \* d - Diameter of Engine Sheave SPM - Strokes per minute RPM - Engine Speed R - Gear Box Ratio \*C - Shaft Center Distance

D - RPMxd over SPMxR d - SPMxRxD over RPM SPM - RPMXD over RxD R - RPMXD over SPMxD

BELT LENGTH - 2C + 1.57(D + d) + (D-d)<sup>2</sup>

\* Need these to figure belt length WATTS = AMPS TO FIGURE AMPS: VOLTS 746 WATTS equal 1 HP

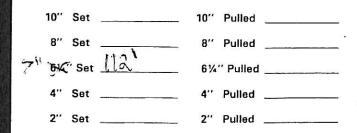
Log	j Bo	ok
Well No. <u>A</u> -2		
Farm Early		
(State)	Ď	(County)
(Section)	15 (Township)	20 (Range)
<b>X</b>		



Town Oilfield Services, Inc. 1207 N. 1st East Louisburg, KS 66053 913-710-5400

Early Farm: Douglas County KS State; Well No. A-2 Elevation 1089 0410 Commenced Spuding 20 Finished Drilling Driller's Name Civer, Parry Driller's Name Driller's Name Tool Dresser's Name Cole Hollow Tool Dresser's Name <u>Wag</u> Dollard Tool Dresser's Name 175 Contractor's Name 5 20) (Township) (Section) (Range) \_\_\_\_ line, \_\_\_\_\_\_\_\_\_ft. Distance from 0 E\_\_\_\_line, <u>175</u>\_\_\_\_ft. Distance from \_\_\_\_ 11 hours

# CASING AND TUBING RECORD



#### CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
-					
China -					
			-		
-,					<u> </u>
					_

-1-



Thickness of Strata	Formation	Total Depth	Remarks
0-7	Soil-Cloy	7	Keniaiks
33	Sand	95	
111	Shale	206	
4	LIMP	aio	
3	Sendly Stale	213	No Oil
5	Shale	213	
13	Lime	271	
9	Shalle	240	
7	Lime	247	
	Shale	353	
20	Lime	273	Shells
g	Shale	232	
15	Sand & Sandy Shile	297	No Oil
	Shalk	302	
19	Line	321	Shellz
<u>(;</u>	Sandy Shelle	328	
i.t	Sound	332	No Cil
[c] (	Shale	393	
वेवे		415	
13	Shale Shaee Shae S	428	
, <del>'f</del>	Shale & Lime	492	
3	Lime	440	
[5]	Shale	495	2
8	Sandy Shale	463	
19	Lime	482	
	Shelle	487	
	- imie	485	· · · · · · · · · · · · · · · · · · ·
	-2-	4 <b>-</b>	2

-3-

Thickness of Strata	Formation	Total Depth	
12	the Shale	500	Remarks
23	Lime	523	
8	Shale	531	-
3	Shale & Living	534	
20	Lime	554	
5	Shalp	559	
4	Lime	563	
3	Shale	566	
6	Lime	572	-Herflin
	Shalt	580	
	Sandy Shale	534	_
41	Shale	686	
10	Dond	698	No Oil
ai	Shale	627	-
3	Lim#	PL	
13 C1	Shale	692	-
a	Shale	151	
	1.	762	
20	Lime	771	
1	Lime	777	
1	Shalf	772	
6	Lime&Shale	771	
	Shale	733	-
3	Limp	79.6	
	Shale	807	
	Lime	809	

-5-

Thickness of Strata	Formation	Total Depth	Remarks
5	Shale & Lime	814	
1	Lime	815	
1	Shale	816	
	Lime	817	
15	Shalls	832	
<u> </u>	Lime	833	
5	Sharle	333	
2	Fime	840	
5	2hatte	17th	
	Lime	343	
$\frac{\lambda}{15}$	Shalp	864	
2/	Sandy Shale	879	
18	Sandy Shalp	933	
15	Shale	948	
$\vec{n}$	Sand	953	No Oil
6	Sandy Shale	CV.LY	NOUT
if	Shale	963	
D.	Reilbud	970	
30	Shale	1000	TO
		1940	
	-6-		

	LIDATED ervices, LLC	REMIT Consolidated Oil We Dept. 9 P.O. Box Houston, TX 77	I Services, LLC 70 1346	Chan -1 • 620/431-9210	<b>IAIN OFFICE</b> P.O. Box 884 ute, KS 66720 800/467-8676 620/431-0012
INVOICE			=======================================	Invoice #	
Invoice Date: 04/	14/2014	Terms: 0/30/10,n/	30	P	age 1
ALTAVISTA ENE 4595 K-33 HIG P.O. BOX 128 WELLSVILLE KS (785)883-4057	HWAY 66092		EARLY A-2 47047 NE 11-15-20 04-10-2014 KS		
	================				
Part Number 1124 1111 1118B 1110A	SODIUM ( PREMIUM	tion OZ CEMENT MIX CHLORIDE (GRANULA GEL / BENTONITE L (50# BAG)	40.00	.3900	Total 460.00 30.03 14.74 92.00
Sublet Performed 9996-120	Descript CEMENT 1	tion MATERIAL DISCOUNT			Total -179.03
Description 369 CEMENT PUMP 369 EQUIPMENT MI 369 CASING FOOTA 369 80 BBL VACUU 548 MIN. BULK DE	LEAGE (ONE GE M TRUCK (CI	8	Hours 1.00 .00 112.00 3.50 .50	Unit Price 870.00 4.20 .00 100.00 368.00	Total 870.00 .00 .00 350.00 184.00

Amount Due 2043.44 if paid after 04/24/2014

Parts:	596.77	Freight:	.00	Tax:	29.87	AR	1851.61
Labor:	.00	Misc:	.00	Total:	1851.61		
Sublt:	-179.03	Supplies:	.00	Change:	.00		

Signed				1.5		_ Date		
BARTLESVILLE, OK	EL DORADO, KS	EUREKA, KS	PONCA CITY, OK	OAKLEY, KS	OTTAWA, KS	THAYER, KS	GILLETTE, WY	CUSHING, OK
918/338-0808	316/322-7022	620/583-7664	580/762-2303	785/672-8822	785/242-4044	620/839-5269	307/686-4914	918/225-2650

			,		17	047
C CC	ONSOLIDATED	267325	)	TICKET NUMB		
	il Wall Services, LLC.	00,000		LOCATION_		
				FOREMAN	tian M	ade
PO Box 884, Cha	anule, no ourzo	LD TICKET & TREA		URI		
620-431-9210 or		L NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
DATE	COSTOMER# VEL	A 2			20	2.0
4-10-14	Gawy Early	<u></u>	NEI	<u>15</u>	20	16
CUSTOMER	15to Frency		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRES	SS CICCSY		230	AlaMad	Safery	Mart
PDB	ox 128		368	BrIMCD		
CITY	STATE	ZIP CODE	369	DerMas		
Well512!1	L- 165	66092	548	Ke:Car		
JOB TYPE	P	9778 HOLE DEPT	н 112	CASING SIZE & W	EIGHT 7	
CASING DEPTH_	112 DRILL PIPE	TUBING			OTHER	15
SLURRY WEIGHT		WATER gal	/sk	CEMENT LEFT in		5
	DISPLACEMEN		200	RATE 4 6P.	n	<u> </u>
DISPLACEMENT_		Esteblished	mito	Nº rol L	Dis an De	
REMARKS: 1/2	10 Meering I	STRUTIONECE	2070	1 500	Edl 1	H
70	5/1 50/50 Ct	ment pra	d 10 5+	1 100	291 Displac	<u> </u>
Kol Scal	per sack.	L, r cuigre	Tosed	nent f	150140	ta
_cusin	s with clean	ugter, c	100Ede	Jalve.	· - · · · · · · · · · · · · · · · · · ·	
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TOS, (	breg			- Alla	all	
. ,	<u> </u>		<u> </u>	and .		
			JV.	ev.	·	1
ACCOUNT	QUANITY or UNITS	DESCRIPTION	of SERVICES or PF	RODUCT	UNIT PRICE	TOTAL
CODE TONOL 6	1	PUMP CHARGE		368		87000
ENOC		MILEAGE		368		
5106	117		tac	368		
5402		Cusing too	rage	THR		184-
5407	2 Min	ton miles		370		350-0
5502C		80 446				330-
					. 00	
11221	40.	50/50 ctm	ent		46000	
111		Salt			30.03	
LICA	67#	,901	A		14.74 .	
11100	200#	Kelseal			92.00	
L110H	avu	- Aristan	Mater	al sub	596.71	
			Maler	al 945 85 30%	- 179.0	RV
			<u>+c</u> .	55 70 10		
			NI	aterial t	p/ <u>4</u>	417.74
				4		<u> </u>
			- 27	pomnlała	Dalla da	
				LUIIIIIGE	2043.44	
					SALES TAX	29.87
Ravin 3737					ESTIMATED	1851.61 4
	Brongelly				TOTAL	1001001
	Jundo syllin				DATE	

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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.

CONSOLIDATED oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4			Chanu 620/431-9210 • 1-8	AIN OFFICE P.O. Box 884 te, KS 66720 300/467-8676 320/431-0012
INVOICE			Invoice #	267532
Invoice Date: 04/23/2014	Terms: 0/30/10,n/30		Pa	age 1
ALTAVISTA ENERGY INC 4595 K-33 HIGHWAY P.O. BOX 128 WELLSVILLE KS 66092 (785)883-4057	470 NE	LY A-2 21 11-15-20 17-2014		
	tion OZ CEMENT MIX GEL / BENTONITE	Qty 130.00 655.00		Total 1495.00 144.10
Sublet Performed Descrip 9996-120 CEMENT	tion MATERIAL DISCOUNT			Total -491.73
Description 370 80 BBL VACUUM TRUCK (C 510 MIN. BULK DELIVERY 666 P & A NEW WELL 666 EQUIPMENT MILEAGE (ONE		Hours 2.00 1.00 1.00 20.00		Total 200.00 368.00 1085.00 84.00

Amount Due 3493.29 if paid after 05/03/2014

Parts:	1639.10	Freight:	.00	Tax:	82.03	AR	2966.40
Labor:	.00	Misc:	.00	Total:	2966.40		
Sublt:	-491.73	Supplies:	.00	Change:	.00		

4

 Signed\_\_\_\_\_\_
 Date\_\_\_\_\_

 BARTLESVILLE, OK
 EL DORADO, KS
 EUREKA, KS
 PONCA CITY, OK
 OAKLEY, KS
 OTTAWA, KS
 THAYER, KS
 GILLETTE, WY
 CUSHING, OK

 918/338-0808
 316/322-7022
 620/583-7664
 580/762-2303
 785/672-8822
 785/242-4044
 620/839-5269
 307/686-4914
 918/225-2650

ON WARD Barrison, LLC $267532$ LOCATION (Heuve, KS         PO Box 884, Chanute, KS 68720       FIELD TICKET & TREATMENT REPORT       CEMENT         DATE       CUSTOMER 3       WELL NAME & NUMBER       CEMENT         DATE       CUSTOMER 3       STATE       CEMENT         OUSTOMER 3       STATE       CEMENT       TOWNSHIP       RANGE       COUNTY         Mailue ADRESS       Guergy       THUCK#       DOWNER       THUCK#       DORVER         TOP Box 128       STATE       CIP CODE       STATE       CUSTOMER 3       Order 1       DORVER         TOP Box 128       STATE       CIP CODE       STATE       CODE State       THUCK#       DRIVER         TOP Box 128       STATE       CIP CODE       STATE       CODE State       THUCK#       DRIVER         TOP Box 128       STATE       CIP CODE       STATE       CIP CODE       State       THUCK#       DRIVER         TOP Box 128       STATE       CIP CODE       State       State       State       Column top         OBSTACEMENT       DIBLACEMENT PS       MUBRIC       CEMENT       COMPACT       OTHER       State         SURRY WEIGHT       DISPLACEMENT PS       MURPSI       CEMENT       COMPACT<			TED				TICKET NUM	BER 4	7021
POREMAN Lass, County           FIELD TICKET & TREATMENT REPORT           CEMENT           DATE         CEMENT           ONE 00.067.007.0000000000000000000000000000				215	7532	~	The second s		
DO BOX BRAL CHARLEN IS. BETZO       FIELD TICKET & TREATMENT REPORT         DATE       CUSTOMER #       WELL NAME & NUMBER       SECTION       TOWNSHIP       RANGE       COUNTY         DATE       CUSTOMER #       WELL NAME & NUMBER       SECTION       TOWNSHIP       RANGE       COUNTY         ALLALISTA       Guergy       MALE       FILLO TICKE #       TRUCK #       DRIVER       TOWNSHIP       RANGE       COUNTY       ALLALIST       DRIVER       TRUCK #       DRIVER       TRUCK #       DRIVER       TRUCK #       DRIVER       TOWNSHIP       RANGE       COUNTY       TRUCK #       DRIVER       TRUCK #       TRUCK # <th></th> <th></th> <th></th> <th>Ce q</th> <th>1000</th> <th></th> <th></th> <th></th> <th>4</th>				Ce q	1000				4
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	PO Box 884, C	hanute, KS 6672	o FIE	LD TICKE	T & TREA	TMENT REF	PORT		
4/er/y       3244       Early # A-2       WE //       15       30       DG         Action Achieves       Action Achieves       30       DG       DG         Action Achieves       Action Achieves       30       DG         Action Achieves       Action Achieves       Action Achieves       Action Achieves       DG         Action Achieves       Box 128       State       20       Cale Achieves       DG         Action Achieves       State       20       Cale Achieves       DG       Cale Achieves       DG         Correst       Malling Achieves       State       20       Cale Achieves       DG       Cale Achieves       Cale Achieves         State       State       Male Achieves       State       Male Achieves       Male	620-431-9210	or 800-467-8676			CEMEN	IT			
$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} $	DATE	CUSTOMER #	WEL	L NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	4/17/14	3244	Early :	# A-2		NE (I	15	20	DG
MALLING ADDRESS 77 TO BOX 128 CITY BSTATE ZIP CODE WellSJ: ile STATE ZIP CODE STATE ZIP CODE	CUSTOMER	state The					· · · · · ·	ut 1977 - 19	
CITY       Box 128         CITY       STATE       ZIP CODE         OTY       STATE       Logoq2         JOB TYPE_PLUS       HOLE SIZE       STATE         JOB TYPE_PLUS       DIRL HPPE       TUBING       OTHER         SURRY WEIGHT       DISPLACEMENT PSI       MATER galak       CEMENT LET TI methods State         DISPLACEMENT TO THE SIL Calify weight of the site of the si	MAILING ADDRE		54				1		
CITY STATE ZIPCODE Wellschile KS bloog2 DB TYPE Due HOLE SIZE KS bloog2 DB TYPE Due HOLE SIZE STAT HOLE DEPTH / OQO / CASING SIZE & WEIGHT CASING DEPTH DIEL SIZE STAT HOLE DEPTH / OQO / CASING SIZE & WEIGHT CASING DEPTH DIEL SIZE STATE SIZE STATE SIZE STATE SUBRY WEIGHT SLURRY VOL WATER galaks CEMENT LEFT IN CASHIGADE - full DBFLACEMENT PSL MIX PSL RATE DATA REMARKS: held catedy weights, established circ ulation and bloogs property the size of the si	T	Ray 128					Cashen		lecting
Wellswile       Ko       Webggi         JOB TYPE PLUD       HOLE BEER STAT       HOLE DEPTH / OQO'       CASING DEPTH / OQO'       CASING DEPTH / OQO'         SUURRY WEIGHT       DIRLI PIPE       TURING       OTHER         SUURRY WEIGHT       DISPLACEMENT PSI       MIX PSI       RATE & Day         DISPLACEMENT       DISPLACEMENT PSI       MIX PSI       RATE & Day         BARANS, Hell Catedy, wething, established circ which and the formation of the format	CITY		STATE	ZIP CODE			Carlas	· · · · · · · · · · · · · · · · · · ·	
JOB TYPE       HOLE SIZE       STA*       HOLE DEPTH       LODO 11/0001         CASING DEPTH       ORILL PIPE       TUBING       OTHER         SLURRY WOL       WATER galak       CEMENT LEFT in GABINGhole       - full         SLURRY WOL       WATER galak       CEMENT LEFT in GABINGhole       - full         DIPLACEMENT       SLURRY WOL       WATER galak       CEMENT LEFT in GABINGhole       - full         REMARKS: full cafely weeting, established circ ulation, maximus caused in user of galax       Caused the state of galax       - full       - full         REMARKS: full cafely weeting, established circ ulation, maximus caused in user of galax       - full       - full       - full         REMARKS: full cafely weeting, established circ ulation, maximus caused in user of galax       - full       - full       - full         REMARKS: full cafely weeting, established circ ulation, maximus caused in user of galax       - full       - full       - full         Remarks: full cafely weeting of galax       - full       - full       - full       - full       - full         HOO', with of the superiod if the size of galax       - full       - full       - full       - full       - full         Account       - full       - f	1.200052	ilo	KS	1010092			Jel loc	V	
CASING DEPH DRILL PIPE TUBING OTHER SURRY VOL WATER gallak CEMENT DISPLACEMENT PSI MATER gallak CEMENT DEFIN GASHNONDE - Full DISPLACEMENT DISPLACEMENT PSI MATER gallak CEMENT DEPARTING for an established for a ball of the property of the part of the p							CASING SIZE AL		
SLURRY WEIGHT SLURRY VOL WATER galask CEMENT LEFT in GABHGHOLE - f. 11 DISPLACEMENT DISPLACEMENT PSI MIX PSI RATE 2 box memarks: bell cately substissed circu bation approximate convert of the angle of the single of the singl		7		- //	-50	17000	CASING SIZE & I	N	
DISPLACEMENT DISPLACEMENT PSI MIX PSI RATE 2 bon REMARKS: hull cately nectring, established circ ulation maded strongent the mught 1 "table ra- at hole TD, mitted t annaged 40 sks Sko Bornix cennent in 1 600 gel per sk. HOO', mitted t annaged 40 sks sko Bornix cennent in 1 600 gel per sk. HOO', mitted t annaged 40 sks cennent to sixtace, pulled tabling to hull, togged well off up 10 sks cennent to sixtace, pulled tabling to null, togged well off up 10 sks cennent to sixtace, pulled tabling to null, togged well off up 10 sks cennent, washed up tabling t equipment. Stops and well off up 10 sks cennent, washed up tabling t equipment. Stops and well off up 10 sks cennent, washed up tabling t equipment. Stops and well off up 10 sks cennent, washed up tables to sixtace Stops and well off up 10 sks cennent, washed up tables to sixtace Stops and well off up 10 sks cennent, washed up tables to sixtace Stops a stops and the up 10 sks cennent in the services of product UNIT price TOTAL Stops a bus as bus and the up 10 sks cennent in the services of t					ND 2010 1010				1
REMARKS: bell cately weeting, established circulation and definition and the man of the second to see the state of the second to see the second to second to see the second to second to second to second the second to seco						ik			- 1011
at hole TD mixed t privated 40 sks 5% Provinit center with 6% get por sk, pulled tubing to 100°, mixed t pumped 40 sks centerst, pulled tubing to 400°, mixed t pumped 40 sks centerst, pulled tubing to 100°, mixed t pumped 40 sks centerst, washed up tubing t equipment. Account code auanity or UNITS Description of SERVICES or PRODUCT UNIT PRICE TOTAL 5405 N I PUMP CHARGE 1085, cor 5406 20 mi MILEAGE 84.00 5406 20 mi MILEAGE 326, cor 5406 20 mi MILEAGE 326, cor 5407 Anini mum ton mileage 326, cor 1124 1.30 sks ce 5% Pozenix centerst 144, 100 1128 (ess At Plenium G.el 144, 100 1188 (ess At Plenium G.el 144, 100 - 3070 - 491, 737 Subtotal 1/47.37 Subtotal 1/47.37 Subtotal 1/47.37 Subtotal 1/47.37		h. h.			· · · · · · · · · · · · · · · · · · ·				11.
pulled tubi of to 400", drived t purped 40 sts courses, pulled tubing to 400°, mixed t purped 40 sts coursest, consist to sixtace, pulled tubing to all, tagged well all up 10 sts coursest, washed up tubing t equipment. ACCOUNT CODE QUANITY or UNITS DESCRIPTION OF SERVICES or PRODUCT UNIT PRICE 5405 N I PUMP CHARGE 5406 20 mi MILEAGE 5407 Anin' mum ton mileage 5500c 2 hrs 20 Vac 1124 1.30 sks or 5400 Pozenix coursest 1495.00 1124 1.30 sks or 5400 Pozenix coursest 1495.00 - 3070 - 491, 73 Subtotal 1147.37 Subtotal 1147.37 Subtotal 1147.37 Subtotal 1147.37 Subtotal 1147.37	REMARKS: NO	-		1 11 als		- Pro-			tobing_
400°, mixed + anyod 40 ses cement, rement to surface, pulled tubing trans Nell, togged well all w/ 10 sts cement, washed up tribing t equipment. ACCOUNT CODE QUANITY or UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE 5405 N I PUMP CHARGE 5404 Asin inum ton mileage 550RC 2 hrs 20 Uac 1124 130 sts ar 5% Pozwie cement 1495.00 1124 130 sts ar 5% Pozwie cement 1497.37 1108 (ps5 # Premium G.al 1144.10 1147.37 Subtotal 1147.37 2193.009 2193.09 2193.09 2193.09 2193.09 2193.09 2193.09 2193.00 219	at hole		- Contraction -					4 401 0	
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ACCOUNT CODE QUANITY or UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SYOS I PUMP CHARGE SYOC SYOC 20 mi MILEAGE SYOC SSORC 2 Mrs NILEAGE SSORC 2 Mrs SSORC 2 Mrs SSORC	700,00	rea t pun	yed 70	1		ement te	surface,	pulled to	Eing from
CODE         QUANITY of UNITS         DESCRIPTION of SERVICES of PRODUCT         UNIT PRICE         TOTAL           5405 N         1         PUMP CHARGE         1085.00 v         1085.00 v         1085.00 v           5404         20 mi         MILEAGE         84.00 v         365.00 v         365.00 v           5404         Athin i mum         fon mileage         365.00 v         365.00 v         365.00 v           550ac         2 hrs         20 Uac         200.00 v         200.00 v         200.00 v           1124         130 sks         at 5160 Pozurix ceureut         1495.00 v         1144.10 v           1188         665 #         Pteurium G.al         1447.00 v         1447.37 v	well, top	ed well at	t w/ 10	ses ceu	hert, u	sshed up	e tubing a	- equipur	ut.
CODE         QUANITY of UNITS         DESCRIPTION of SERVICES of PRODUCT         UNIT PRICE         TOTAL           5405 N         1         PUMP CHARGE         1085.00 v         1085.00 v         1085.00 v           5404         20 mi         MILEAGE         84.00 v         365.00 v         365.00 v           5404         Athin i mum         fon mileage         365.00 v         365.00 v         365.00 v           550ac         2 hrs         20 Uac         200.00 v         200.00 v         200.00 v           1124         130 sks         at 5160 Pozurix ceureut         1495.00 v         1144.10 v           1188         665 #         Pteurium G.al         1447.00 v         1447.37 v								<u> </u>	)
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$\frac{5406}{5404} = 20 m_{1}^{2} \qquad \text{MILEAGE} \qquad \qquad 84.00 \ 84.00 \ 5404 \ \text{Arin inum} \ \text{ton mileage} \ 5502 \ 2 \ \text{hrs} \ 80 \ \text{Vac} \ 36.00$	: 2014년 2016년, 전문 영상, 전문	QUANITY o	r UNITS	DE	SCRIPTION of	SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
SYOLO       20 mi       MILEAGE       84.00         SYOLO       Anin' inum       Yon Mileage       368.00         SSORC       2 krs       20 Uac       200.00         1124       130 sks       00 Uac       200.00         1124       130 sks       00 Sks       00 Sks       1495.00         1118       Less #       PTEURium G.al       1495.00         1118       Less #       PTEURium G.al       1497.37	5405N	1		PUMP CHARG	E				1000 00 V
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1110B (255 # Fremium G.al 144.10 materials 1/239.10 -3075 - 491.73 Subtotal 1/47.37 			104 ( <del>1</del> 7 - 19 - 19 - 19 - 19 - 19 - 19 - 19 - 1			• · · · · · · · · · · · · · · · · · · ·			
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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 for