

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1072083

Form ACO-1 June 2009 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 North / 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 #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
-	
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used?
OG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls
	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Operator Name:
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date	

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								
Letter of Confidentiality Received								
Date:								
Confidential Release Date:								
Wireline Log Received								
Geologist Report Received								
UIC Distribution								
ALT I II III Approved by: Date:								

	Side Two	
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

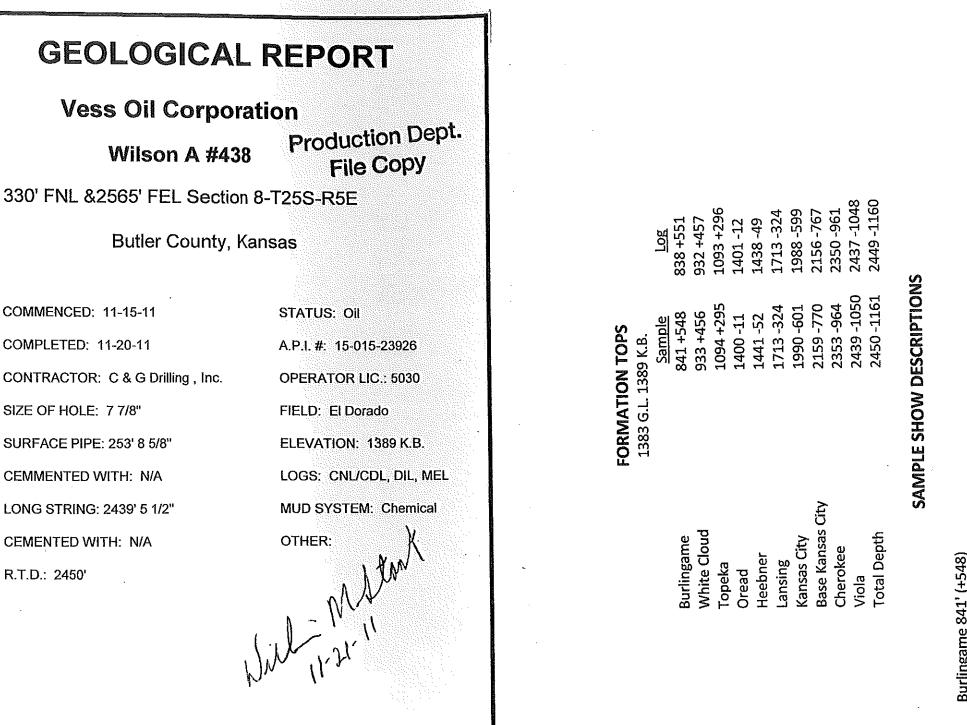
INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional She	eets)	Yes	No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	gical Survey	Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	YesYesYes	□ No □ No □ No					
List All E. Logs Run:								
		Report all		RECORD No	ew Used ermediate, product	ion, etc.		
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION Specify Fo		RD - Bridge F Each Interval		e			ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed Production, SWD or ENH				Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF (GAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTER	RVAL:
Vented Sold		Used on Lease		Open Hole	Perf.	Dually (Submit)		Commingled (Submit ACO-4)		
(If vented, Sub	mit ACC)-18.)		Other (Specify))					



William M. Stout Geologist

Burlingame 841' (+548)

- 858' 847'

- light brown, off white, fine crystalline, cherty, scattered pure calcite crystals, trace with light stain, no odor, no show free oil, scattered Limestone

intercrystalline porosity.

White Cloud 933' (+456)

- 955' 940'

some argillaceous, fair show free oil, poor porosity, fair scattered fluorescence. Sandstone - light gray, light brown, fine grain, micaceous, odor, scattered stain,

- 1062' 1050'

Sandstone - light brown, fine grain, micaceous, no odor, scattered stain, show free oil, scattered fluorescence, poor porosity.

Topeka 1094' (+295) 1149' - 1155

Limestone - light brown, fine crystalline, fossiliferous, some dense, no odor,

sandstone - Iignt gray, וignt prown, ווווש צו מווו, וווורמרכיטים, סינוזים מו אווומיייטיייייי odor, scattered stain, show free oil, poor porosity, fair scattered fluorescence. 1062' 1050'

Sandstone - light brown, fine grain, micaceous, no odor, scattered stain, show

free oil, scattered fluorescence, poor porosity.

Topeka 1094' (+295) 1149' - 1155

brown stain, slight show free oil, scattered intercrystalline and vugular porosity Limestone - light brown, fine crystalline, fossiliferous, some dense, no odor,

with fluorescence

1406' -1414' Oread 1400' (-11)

Limestone - light brown, brown, fine crystalline, few fossils, faint odor, brown stain, show free oil, scattered intercrystalline and vugular porosity with fluorescence.

Douglas Sand 1500 (-111)

- 1434' 1420'

Sandstone - light brown, fine grain, calcareous, some argillaceous, friable in part, faint odor, brown stain, show free oil, poor porosity, fair to good fluorescence, with gray shale.

Lansing 1713' (-324)

1725' - 1731'

Limestone - light brown, fine to medium crystalline, some dense, few fossils, fair odor, scattered light stain, show free oil with few gas bubbles, scattered intercrystalline and vugular porosity with fluorescence.

1752' 1744

Limestone - light brown, brown, fine crystalline, fossiliferous, some dense, slightly chalky, faint odor, light stain, slight show free oil, scattered intercrystalline porosity with fluorescence.

-1766 1756

Limestone - light brown, fine crystalline, fossiliferous, some dense, some chalky, very faint odor, some stain, slight show free oil, poor intercrystalline porosity with spotty fluorescence.

1774' - 1781

Limestone - light brown, light gray, fine crystalline, few fossils, chalky, some dense, faint odor, trace brown stain, slight show free oil, scattered vugular porosity with fluorescence.

Kansas City 1990' (-601)

2003' - 2008

calcite crystals, faint odor, scattered light stain, very slight show free oil, some Limestone - light brown, fine crystalline, fossiliferous, chalky, scattered large intercrystalline porosity, spotty fluorescence.

2020'-2034'

Limestone - light brown, fine crystalline, fossiliferous, fair odor, scattered light stain, slight show free oil, scattered intercrystalline porosity with few vugs, spotty fluorescence.

- 2058 2048

Limestone - light brown, fine crystalline, fossiliferous, some chalky, very faint odor, very slight show live oil, scattered poor intercrystalline porosity, very spotty fluorescence.

- 2450' Viola 2439' (-1050) 2442'

brown stain, good show free oil, excellent fluorescence, intercrystalline porosity Dolomite - brown, fine crystalline, sucrosic, some friable, strong odor, even with few vugs, trace with mottled white chert. Covered by DST #1

Close 60' oil cut mud (5% gas, 15% oil, 80% mud), 60' oil cut mud (15% oil, 85% Recovered 90' clean gassy oil (10% gas, into water. Close tool 60 min. Kecoverea שט טופמון במשטא טון אידע שיט 90% oil) 37 degree gravity corrected, 60' oil cut mud (10% oil, 90% mud), יי יביי יי יייייע אידע בון מדמי ביו Open tool 45 min. with weak blow building to 10.5 inches DST #1 2415' - 2450' Open tool 30 min. with weak blow building to 9 inches into water. Close tool 60 min. tool 45 min. mud).

FSIP 607# Temp. 103 degrees HP 1193-1185# IFP 46-115# ISIP 606#

(**(....

FFP 117-158#

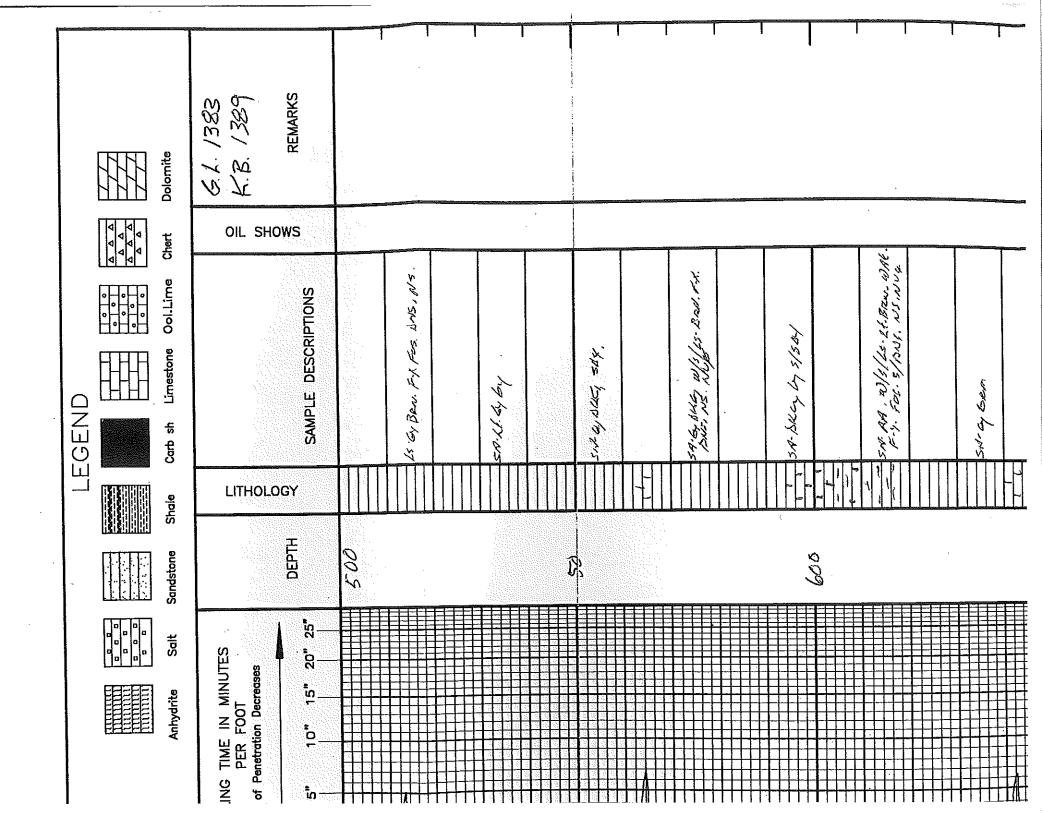
into water. Close tool 60 min. Recovered 90' clean gassy oil (10% gas, 90% oil) 37 degree gravity corrected, 60' oil cut mud (10% oil, 90% mud), 60' oil cut mud (5% gas, 15% oil, 80% mud), 60' oil cut mud (15% oil, 85% mud).

Temp. 103 degrees HP 1193-1185# IFP 46-115# **ISIP 606#**

FFP 117-158# FSIP 607#

CONCLUSIONS

The decision was made to set 5 1/2" casing to further evaluate the shows of oil through perforations.



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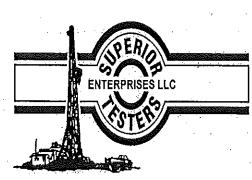
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7:00 PM 11-17-11	2410 (-1021) DST#1 RESOUTS WITH SAMPLE	1/10LA 1/0LA 2439 (-1050)	2450(-1061)	
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DRILL STEM TEST REPORT

Prepared For: Vess Oil Corporation

1700 Waterfront Parkway Building 500 Wichita, Kansas 67206-6619

ATTN: Bill Stout

Wilson "A" #438

8-25s-5w Butler Start Date: 2011.11.20 @ 03:15:00 End Date: 2011.11.20 @ 00:00:00 Job Ticket #: 15856 DST #: 1

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902

Printed: 2011.11.25.@ 13:07:34

Deviated: No Time Tool Opened: 00 Time Test Ended: 00 Interval: 2415	1700 Wichit ATTN MATION: ola	Waterfront Parkwa a, Kansas 67206-t : Bill Stout		1 500					
Formation: Vi Deviated: Na Fime Tool Opened: 00 Fime Test Ended: 00 Interval: 2415	MATION: ola	Bill Stout					Wilson "A" #438 Job Ticket: 15856 DST#:*		1
Formation: Vi Deviated: Na Time Tool Opened: 00 Time Test Ended: 00 Interval: 2415	ola	.	ATTN: B/ll Stout		Test S		1.11.20 @		
Deviated: No Time Tool Opened: 00 Time Test Ended: 00 Interval: 2415				<u></u>					
		ft (KB)			Test T Teste Unit N	r: G	onventiona Sene Budig 335-275	l Bottom H	lole (Initial)
otal Depth: 2 Iole Diameter:	00 ft (KB) To 2450.00 ft 2450.00 ft (KB) (TVD) 7.88 inchesHole Conditi				Refer	ence Elev KB to	vations:	1382.0	0 ft (KB) 0 ft (CF) 0 ft
Serial #: 8400 Tress@RunDepth: Start Date: Start Time:	2011.11.20	2447.00 ft (KB) End Date: End Time:	2	2011.11.20 18:41:15	Capacity: Last Calib, Time On Bi Time Off B	im: 2	011.11.20 (011.11.20 (1899.12.3 @ 12:59:4	5
		(7) 200 Terpositure 		Time (Mīn.) 0	Pressure (psig) 1193.62	Temp (deg F) 92.90	Annotatik Initial Hvdr		
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3 8 H Nor 2011	Recovery					Go	s Rates		
Length (ft)	Description	Volume (bbi)		[Choke (i		ure (psig)	Ges Rate (Mo
	n Gassy Oil	0.44	<u> </u>		m			- 1531	L
	Gas 90% Oil Gravity 37 Col								
	ut mud	0.30							
	Oil 90% Mud	0.00							
	nd gas cut mud	0.39							
60.00 Oil a	nd gas cut mud Gas 15%Oil 80% Mud	0.39	1	1					

Superior Testers Enterprises LLC Ref. No: 15856

Printed: 2011.11.25 @ 13:07:34

Entrements Vess Oil Corporation 8-258-5/w Buttler 1700 Waterfront Parkway Building 500 Wohla, Kanase 67206-6019 Willson "A" #433 Job Ticket: 188/6 DST#:1 GENERAL INFORMATION: Formation: Viola Test Stat: 201.11.20 @ 00:16:00 DST#:1 Formation: Viola Test Stat: 201.11.20 @ 00:16:00 Test Stat: 201.11.20 @ 00:16:00 Formation: Viola Test Type: Conventional Bottom Hole (nitia) Time Test Dide: 0.0000 Unit Ne: 335.275 Interval: 2415.00 ft (KS) (TVD) Reference Eevalions: 1387.00 ft (KS) Total Depit: 2450.00 ft (KS) (TVD) Reference Eevalions: 1387.00 ft (KS) Start Time: 11:13.20 End Date: 2011.11.20 East Cells:: 1689.12.30 Start Time: 11:13.40 End Date: 2011.11.20 East Cells:: 1689.12.30 Start Time: 11:13.40 End Date: 2011.11.20 East Cells:: 1689.12.30 Start Time: 11:13.40 End Date: 201.11.12.00 East Cells:: 1689.12.30 Start Time: 11:13.40 En	PER	DRILL STEM T	ES	T REPO	DRT :	• •			
1/00 Waterfron Parkway Building 500 Workink, Kaness 667208-6619 Willison "A." #438 Job Ticket: 19956 DST#:1 ATTN: Bill Stout Test 19956 DST#:1 ATTN: Bill Stout Test Statt: 2011.11.20 @ 03:16:00 GENERAL INFORMATION: Formation: Viola Daviated: No< Whitestock:	ENTERPRISES LLC	Vess Oil Corporation			8-2	5s-5w B	utler		
ATTN: Bill Stout Test Start: 2011.11.20 @ 03:15:00 GENERAL INFORMATION: Formation: Viola Deviated: No Whipstock: ff (KB) Test Type: Conventional Bottom Hole (Initia) Thirs Tool Openate: X4150.00 ff (KB) (TVD) Test Type: Conventional Bottom Hole (Initia) Thirs Tool Openate: Z450.00 ff (KB) (TVD) Reference Bovaions: 1387.00 ft (KB) Total Deplit: Z450.00 ff (KB) (TVD) Reference Bovaions: 1387.00 ft (KB) Total Deplit: 2010.01 ft (KB) End Date: 2011.11.20 Last Calib: 1389.01 2.30 Start Take: 2011.11.20 End Date: 2011.11.20 Last Calib: 1099.12.30 Start Take: 11:13.40 End Time: 19:19:10 The Orf Bim: 2011.11.20 @ 130.840 TEST COMMENT: 1st Opening 30 Mnutes Weak bot box back 2010 Opening 45 Mnutes No box back 2010 Opening 45 Mnutes No box back 2nd Opening 45 Mnutes No blow back Time Time Tesourd Tesourd Tesourd Tesourd Tesourd Tesourd Tesour(11) 30.31 Open To Flow (2)				ig 500			DST#-	f	
Formalion: Viola Deviated: No Whipstock: ft (KB) Time Tool Cenero: 000:00 Time Test Ended: 00:00:00 Time Off Bim: 2011.11.20 @ 16:01:40 Time Off Bim: 2011.11.20 @ 16:01.40 Time Off Bim: 2011.11.20 @ 10:01.41 Time Off Bim: 2011.11.20 @		ATTN: Bill Stout	ATTN: Bill Stout						•
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (nitial) Time Test Deviced: 00.00.00 Test Type: Conventional Bottom Hole (nitial) Test Type: Conventional Bottom Hole (nitial) Time Test Deviced: 00.00.00 Unit No: 3335-275 Interval: 2415.00 ft (KB) To 2450.00 ft (KB) (TVD) Test Type: Conventional Bottom Hole (nitial) Total Depth: 2450.00 ft (KB) TO Total Coppling Total Coppling 335-275 Serial #: 8159 Inside Press@PlanDepthitic 07.22 psig @ 2446.00 ft (KB) Capacity: psig Start Date: 2011.11.20 End Date: 2011.11.20 Last Callb:: 1899.12.30 Start Time: 11:13:40 End Time: 19:19:10 Time Of Blinz 2011.11.20 @ 16:11:40 TEST COMMENT: 1st Opening 45 Minutes No blow back Time Of Blinz 2011.11.20 @ 16:11:40 Test Type: Company 45 Minutes Weak bow built to 10 1/2 Inches into the water 1st Shut-In (1) 1st Shut-In (2) Time On Blinz 2011.11.20 End Shut-In (1) 111.120 End Shut-In (1) Time On Blinz	GENERAL INFORMATION:				<u></u>				
Total Depth: 2450.00 ft (KB) (VD) 1382.00 ft (CP) Hole Dameler: 7.88 inchesHole Condition: Fair KB to GRCF: 5.00 ft Serial #: 8159 Inside psig 2011.11.20 End Date: 2011.11.20 Last Calb.: 1899.12.30 Start Date: 2011.11.20 End Date: 2011.11.20 Last Calb.: 1899.12.30 Start Date: 2011.11.20 End Date: 2011.11.20 Last Calb.: 1899.12.30 Start Date: 2011.11.20 End Date: 2011.11.20 Last Calb.: 199.12.30 Start Date: 11:32.40 End Time: 19:19:10 Time Off Bin: 2011.11.20 @ 16:11:40 TEST COMMENT: 1st Opening 30 Minutes Weak build bol box built to 9 inches into the water 211.41:0 91.99 30.35 infinit Hydro-stalic 211.20 ad Shut-h 60 Minutes No blow back 2114.10 94.19 Shut-ln(1) 76 GGS Obs Obs Obs Dack 77 117.05 96.30 Open To Flow(1) 2114.10 94.19 Shut-ln(1) 77 117.05 96.40 Open To Flo	Deviated: No Whipstock: Time Tool Opened: 00:00:00	ft (KB)			Tes	ter: (Gene Budig	l Bottom Ho	le (Initial)
Press@RunDepth: 607.22 psig 2446.00 ft (KB) Capacity: paig Start Date: 2011.11.20 End Date: 2011.11.20 Last Callb:: 1699.12.30 Start Date: 11:13.40 End Time: 19:19:10 Time On Bim: 2011.11.20 (1.11.20) 01:00:00 1399.12.30 Start Time: 11:13.40 End Time: 19:19:10 Time On Bim: 2011.11.20 01:00:00 1399.12.30 Time: 11:13.40 End Time: 19:19:10 Time On Bim: 2011.11.20 01:00:00 10:00:01 Time: 14:10 Multes No blow back 2010.01:10:00 10:00:01 12:00:01:01:00 10:00:01:00:00 10:00:00:00:00:00:00:00:00:00:00:00:00:0	Total Depth: 2450.00 ft (KB) (VD)			Ref			1382.00	ft (CF)
Ist Shut-In 45 Minutes No blow back 2nd Shut-In 60 Minutes No blow back PRESSURE SUMMARY Time PRESSURE SUMMARY Time PRESSURE SUMMARY Time PRESSURE SUMMARY Time Pressure (fpsg) OPEN SURE SUMMARY Time (fn) Pressure (fpsg) OPEN SURE SUMARY Recovery Gas Rates Chade (inclus) Pressure (psig) OPEN SURE SUMARY OPEN SUME SUMARY OPEN SUME SUMARY Recovery Class Rates Chade (inclus)	Press@RunDepth: 607.22 psig Start Date: 2011.11.20	End Date:			Last Cali Time On	b.: Btm: :	2011.11.20 (@ 13:08:40	
Image: Second	1st Shut-In 4 2nd Opening 4 2nd Shut-In 60	i Mnutes No blow back i Mnutes Weak blow built to 10) Mnutes No blow back			water				
Image: constraint of the second se		A RED Texpredute	L	Time					
Image: Second constraints			- 133			(deg F)			
32 114.10 94.19 Shut-In(1) 76 606.10 97.06 End Shut-In(1) 77 117.05 96.90 Open To Flow (2) 121 156.60 99.46 Shut-In(2) 182 607.22 101.72 End Shut-In(2) 183 1187.20 101.96 Final Hydro-static Recovery Gas Rates Chote (incbes) 90.00 Clean Gassy Oli 0.44 0.00 10%Gas 90% Oli Gravity 37 Corrected 0.00 60.00 Oli and gas cut mud 0.30 0.00 Oli and gas cut mud 0.39			- 59	-			í		
Image: Second							1 ·		
Image: Second			- m				1		
Image: Second constraints Image:		ar Back (2)	, and					ow (2)	
Image: Second				182	607.22	101.72	End Shut-Ir	• •	
Length (ft) Description Volume (bb) 90.00 Clean Gassy Oil 0.44 0.00 10%Gas 90% Oil Gravity 37 Corrected 0.00 60.00 Oil cut mud 0.30 0.00 10% Oil 90% Mud 0.00 60.00 Oil and gas cut mud 0.39				183	1187.20	101.96	rinai Hyara	>-SIAIIC	
Length (th) Description Volume (bbi) 90.00 Clean Gassy Oil 0.44 0.00 10%Gas 90% Oil Gravity 37 Corrected 0.00 60.00 Oil cut mud 0.30 0.00 10% Oil 90% Mud 0.00 60.00 Oil and gas cut mud 0.39	Recovery	······				Ga	s Rates		
0.00 10%Gas 90% Oil Gravity 37 Corrected 0.00 60.00 Oil cut mud 0.30 0.00 10% Oil 90% Mud 0.00 60.00 Oil and gas cut mud 0.39	r		٦					re (psig) G	as Rate (Mct/d)
60.00 Oil cut mud 0.30 0.00 10% Oil 90% Mud 0.00 60.00 Oil and gas cut mud 0.39	90.00 Clean Gassy Oil	0.44	1	·				ł	
0.00 10% Oil 90% Mud 0.00 60.00 Oil and gas cut mud 0.39	0.00 10%Gas 90% Oil Gravi	ly 37 Corrected 0.00]						
60.00 Oil and gas cut mud 0.39	60.00 Oil cut mud	0.30]	:					
	}		_						
0.00 5% Gas 15% Oil 80% Mud 0.00									
	0.00 5% Gas 15%Oil 80% M	ud 0.00							

Superior Testers Enterprises LLC

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	- S - S					TREPO	JRT		TOOL	DIAC
	ENTERPRISES LI	LC	Vess O	il Corporatio	on		8-25s-5	w Butler		
	COTE!		1700 W Wichita	1700 Waterfront Parkw ay Building 500			Wilson	Wilson "A" #438		
			Wichita, Kansas 67206-6619			Jób Ticke	et: 15856	DST#:1		
			ATTN:	Bill Stout			Test Star	rt: 2011.11.20	@ 03:15:00	
Tool Inform	ation									
Drill Pipe: Heavy Wt. Pi Drill Collar:	Length:	. 0.00 fi	Diameter: Diameter: Diameter:	0.00 ir	nches Volume nches Volume nches Volume	e: 0.00 bl	bl Weigh	Veight: ht set on Packe ht to Pull Loose:	2000.00 lb r: 20000.00 lb : 43000.00 lb	
Drill Pipe Abo Depth to Top Depth to Botto Interval betwo	Packer: om Pácker:	27.00 ft 2415.00 ft ft 35.00 ft			Total Volume	e: 18.64 bi	bi Tool C	hased Weight: Initial Final	0.00 ft 36000.00 lb 36000.00 lb	~
Tool Length: Number of Pa Tool Comment		63.00 ft 2	Diameter:	6.75 in	ches					
Tool Descrip	otion	Le	ngth (ft) S	erial No.	Position	Depth (ft)	Accum, Leng	A&		
Shut-In Tool			5.00			2392.00	Accum. Leng	<u></u>		
tydrolic Tool Iars			5.00			2397.00				
als						2007.00				
Safahr Islas			6.00			2403.00	:.		-	
Safety Joint			2.00				:.		-`	
op Packer		*	2.00 5.00			2403.00	:.		-	
op Packer acker			2.00 5.00 5.00			2403.00 2405.00		0	Potton Of T	
Fop Packer Packer			2.00 5.00 5.00 30.00			2403.00 2405.00 2410.00		0	Bottom Of To	p Pack
op Packer Packer Anchor Recorder		· · · · · ·	2.00 5.00 5.00 30.00 1.00	8159	Inside	2403.00 2405.00 2410.00 2415.00		10	Bottom Of To	p Pack
op Packer acker nchor ecorder ecorder			2.00 5.00 5.00 30.00 1.00 1.00	8159 8400	Inside Outside	2403.00 2405.00 2410.00 2415.00 2445.00		10	Bottom Of To	p Pack
op Packer acker nchor ecorder ecorder			2.00 5.00 5.00 30.00 1.00 1.00 3.00			2403.00 2405.00 2410.00 2415.00 2445.00 2446.00				
op Packer acker nchor ecorder ecorder			2.00 5.00 5.00 30.00 1.00 1.00			2403.00 2405.00 2410.00 2415.00 2445.00 2446.00 2447.00	.28.0			p Pack
op Packer acker nchor ecorder ecorder	Total Tool I	Length:	2.00 5.00 5.00 1.00 1.00 3.00 63.00	8400	Outside	2403.00 2405.00 2410.00 2415.00 2445.00 2446.00 2447.00 2450.00	<u></u>	0	Anc	hor To
op Packer acker nchor ecorder ecorder	Total Tool I	Length:	2.00 5.00 5.00 30.00 1.00 1.00 3.00 63.00	8400	Outside	2403.00 2405.00 2410.00 2415.00 2445.00 2446.00 2447.00 2450.00	<u></u>	0	Anc	hor To
op Packer acker nchor ecorder ecorder	Total Tool I	Length:	2.00 5.00 5.00 30.00 1.00 1.00 3.00 63.00	8400	Outside	2403.00 2405.00 2410.00 2415.00 2445.00 2446.00 2447.00 2450.00	.28.0	0	Anc	hor To
op Packer acker nchor	Total Tool I	Length:	2.00 5.00 5.00 30.00 1.00 1.00 3.00 63.00	8400	Outside	2403.00 2405.00 2410.00 2415.00 2445.00 2446.00 2447.00 2450.00	<u>.</u> 28.0 35.0	0	Апс	hor To
op Packer acker nchor ecorder ecorder	Total Tool I	Length:	2.00 5.00 5.00 1.00 1.00 3.00 63.00	8400	Outside	2403.00 2405.00 2410.00 2415.00 2445.00 2446.00 2447.00 2450.00	35.0	0	Anc	hor To
op Packer acker nchor ecorder ecorder	Total Tool I	Length:	2.00 5.00 5.00 1.00 1.00 3.00 63.00	8400	Outside	2403.00 2405.00 2410.00 2415.00 2445.00 2446.00 2447.00 2450.00	35.0	0	Anc	hor To
op Packer acker nchor ecorder ecorder ull Plug	Total Tool I	Length:	2.00 5.00 5.00 1.00 1.00 3.00 63.00	8400	Outside	2403.00 2405.00 2410.00 2415.00 2445.00 2446.00 2447.00 2450.00		0	Anc	hor To
op Packer acker nchor ecorder ecorder ull Plug	Total Tool I	Length:	2.00 5.00 5.00 1.00 1.00 3.00 63.00	8400	Outside	2403.00 2405.00 2410.00 2415.00 2445.00 2446.00 2447.00 2450.00		0	Anc	hor To
op Packer acker nchor ecorder ecorder ull Plug	Total Tool I	Length:	2.00 5.00 5.00 30.00 1.00 1.00 3.00 63.00	8400	Outside	2403.00 2405.00 2410.00 2415.00 2445.00 2446.00 2447.00 2450.00	35.0	0	Anc	hor To
op Packer acker nchor ecorder ecorder ull Plug	Total Tool I	Length:	2.00 5.00 5.00 30.00 1.00 1.00 3.00 63.00	8400	Outside	2403.00 2405.00 2410.00 2415.00 2445.00 2446.00 2447.00 2450.00	35.0	0	Anc	hor Tc
op Packer acker nchor ecorder ecorder ull Plug	Total Tool I	Length:	2.00 5.00 5.00 30.00 1.00 1.00 3.00 63.00	8400	Outside	2403.00 2405.00 2410.00 2415.00 2445.00 2446.00 2447.00 2450.00	35.0	0	Anc	hor Tc
op Packer acker nchor ecorder ecorder ull Plug	Total Tool I	Length:	2.00 5.00 5.00 30.00 1.00 1.00 3.00 63.00	8400	Outside	2403.00 2405.00 2410.00 2415.00 2445.00 2446.00 2447.00 2450.00	35.0	0	Anc	hor To
op Packer acker nchor ecorder ecorder ull Plug	Total Tool I	Length:	2.00 5.00 5.00 30.00 1.00 1.00 3.00 63.00	8400	Outside	2403.00 2405.00 2410.00 2415.00 2445.00 2446.00 2447.00 2450.00	35.0	0	Anc	hor Tc
op Packer acker nchor ecorder ecorder ull Plug	Total Tool I	Length:	2.00 5.00 5.00 30.00 1.00 1.00 3.00 63.00	8400	Outside	2403.00 2405.00 2410.00 2415.00 2445.00 2446.00 2447.00 2450.00	35.0	0	Апс	hor Tc

Superior Testers Enterprises LLC

Ref. No: 15856

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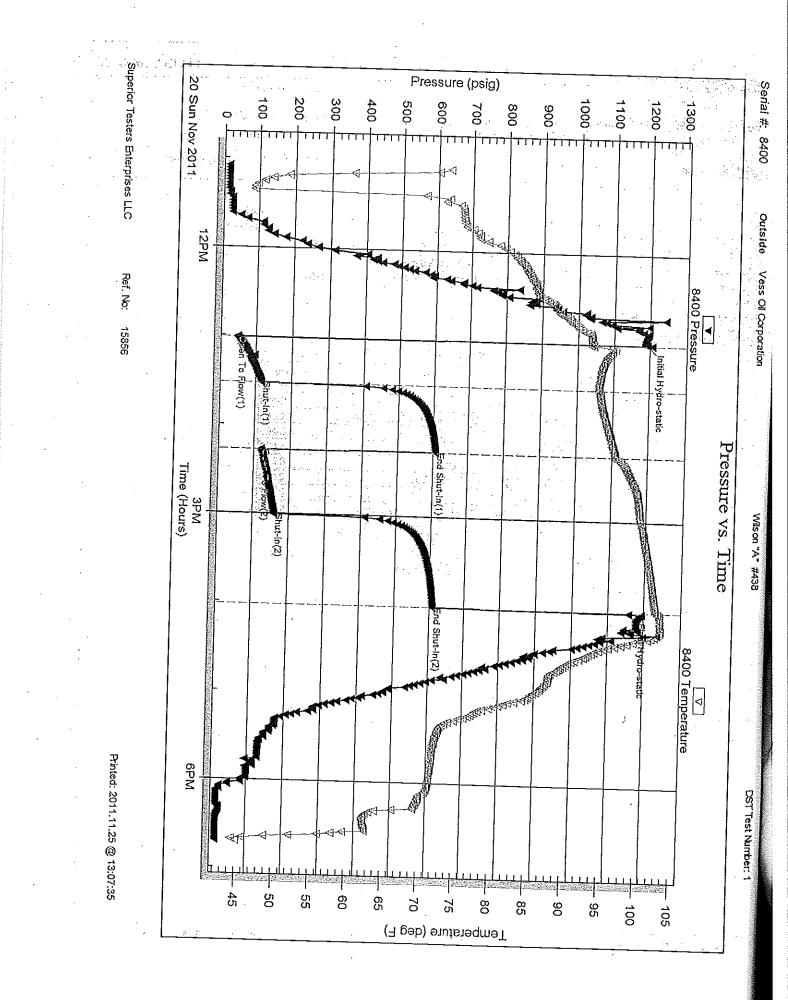
	ERIA	DRI	LL STEM TEST REPOR	T	FLU	
ENTE	ENTERPRISES LLC		Dil Corporation	8-25s-5w Bu	tler	-
			Vaterfront Parkw ay Building 500	Wilson "A" #438		
		Wichita	i, Kansas 67206-6619	Job Ticket: 158	56 DS	Γ#: 1
		ATTN:	Bill Stout	Test Start: 201	1.11.20 @ 03:15:0	00
lud and Cu	shion Information	- !	·········		. <u></u> .	
lud Type: Ge	Chem		Cushion Type:	O	IAPI:	· deg Al
ud Weight:	9.00 lb/gal		Cushion Length:	ft W	ater Salinity:	ppm
iscosity:	41.00 sec/gt		Cushion Volume:	bbl		F1
ater Loss:	10.39 in ³		Gas Cushion Type:			
esistivity:	ohm.m		Gas Cushion Pressure:	psig		
alinity: 800.00 ppm						
iter Cake:	inches					
			and an			
lecovery Inf	ormation					
			Recovery Table			
		igth it	Description	Volume bbl		
		90.00	Clean Gassy Oil	0.443		
		0.00	10%Gas 90% Oil Gravity 37 Corrected	0.000		
		60.00	Oil cut mud	0.295		
		0.00	10% Oil 90% Mud	0.000		
		60.00	Oil and gas cut mud	0.386		
		0.00	5% Gas 15%Oil 80% Mud	0.000		
		60.00	Oil cut mud	0.477		
		0.00	15%Oil 85% Mud	0.000		
	Total Length:	270	.00 ft Total Volume: 1.601 bb	bl		
	Num Fluid Sar	mples:0	Num Gas Bombs: 0	Serial #:		
	Laboratory N	-	Laboratory Location:			
	Recovery Col		-			

c.....

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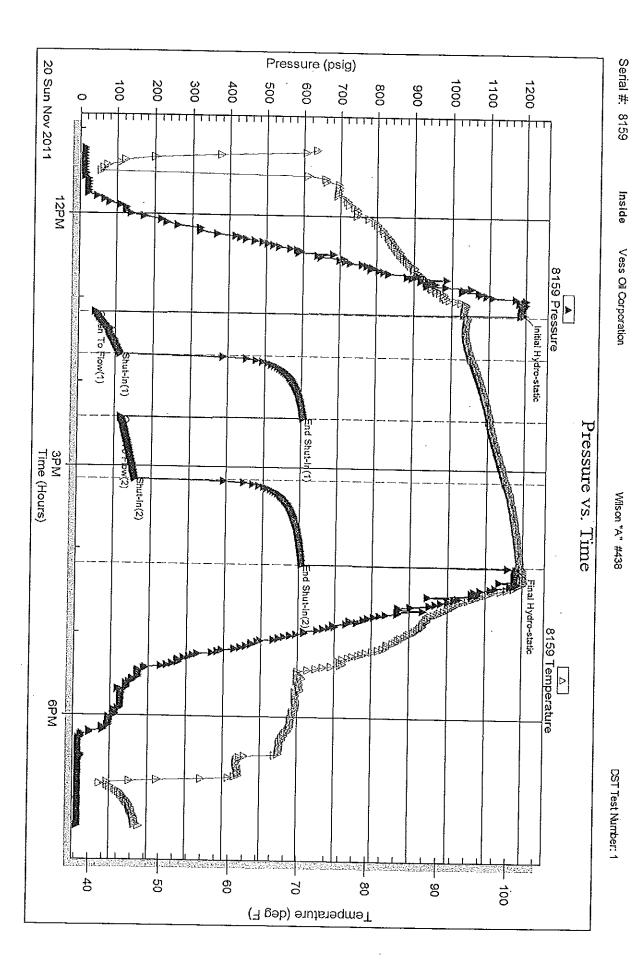
-

Printed: 2011.11.25 @ 13:07:35





Superior Testers Enterprises LLC Ref. No: 15856



Oil Well Services, LLC		<i>REMIT TO</i> Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346			MAIN OFFICE P.O. Box 884 Chanute, KS 66720 620/431-9210 • 1-800/467-8676 Fax 620/431-0012	
INVOICE NOV $S \beta S \delta \eta$				Invoice #	245986	
Invoice Date: 11/22/2011	Terms: 0/0	======= /30,n/3	0 0	P	age 1	
VESS OIL CORPORATION 1700 WATER FRONT PKWAY WICHITA KS 67226 (316)682-1537	BLD 500		WILSON A 438 31794 8-255-5E 11-16-11 KS			
1102 CALCIUM	tion 'A" CEMENT (CHLORIDE AL (25#)		Qty 150.00 400.00 50.00	Unit Price 14.2500 .7000 2.2200	Tota 2137.5 280.0 111.0	
Description 290 CEMENT PUMP (SURFACE) 502 MIN. BULK DELIVERY			Hours 1.00 1.00	Unit Price 775.00 330.00	Tota 775.0 330.0	
		··· ·				
Parts: 2528.50 Freight: Labor: .00 Misc: Sublt: .00 Supplies		.00 Tax .00 Tot .00 Cha	al: 3799.	======================================		
Signed				Date		
DTAIICA						

	CONSOLID OII WHI Servin	na, LLC	Ð	ENTER			180	<u>794</u> <u>m</u>
Box 88 431-92	4, Chanute, KS 667 10 or 800-467-867	120	_D TICKE	T & TREAT	IMENT REI T <i>AP<u>T</u></i>	PORT <i>15-015-23</i>	926-00-	
DATE	CUSTOMER #	WELL	NAME & NUM	IBER	SECTION	TOWNSHIP	RANGE	COUNTY
-16-	11 8511	479/30	ND A	438	Ø	255	JE .	Butter_
TOME	2 Opl O	· · · ·			TRUCK #	DRIVER	TRUCK #	DRIVER
	DDRESS				290	Genalo		
<u>еО</u> (2 Arge Front	PRANY BE	Y IDD		502	Steve D		
	1.01.	STATE	ZIP CODE	-	J39	hanny		
N	chitt	15_	67206				674/	
З ТҮРВ	Junfaco B	HOLE SIZE	24	HOLE DEPTH	1_263_	_ CASING SIZE & W		·
SING DI		DRILL PIPE		TUBING		CEMENT LEFT in	CASING CASING	4
RRY W	EIGHT 15.5	SLURRY VOL_		WATER gal/s	sk	RATE Soll	CASING_ <u>CASP</u> _	<u>, , , </u>
PLACE	MENT 15.62	DISPLACEMEN			I A L	29% AUPS 1	L 36 16 Opli	/
ARKS	Broke CAR	CULATION -	- Mexe			Sur CARE		<u></u>
pla	· · · · · · · · · · · · · · · · · · ·		_					
					<u> </u>			
				DECODIDITION		PRODUCT		TOTAL
ACCOL		TY or UNITS			of SERVICES or	PRODUCT		1.
COD		TY or UNITS	PUMP CHA		of SERVICES or	PRODUCT	UNIT PRICE	775.00
COD		TY or UNITS			of SERVICES or	PRODUCT		тотац 775.00 Мс
<u>cod</u> 401	5 	/	PUMP CHA MILEAGE		of SERVICES or	PRODUCT	775.00	775.00
<u>cob</u> 401 704	5 5 5	 	PUMP CHA MILEAGE	RGE	of SERVICES or	PRODUCT	775.00 14,25 ,70	775.00 Me 2137.5D 280.0D
ACCOL CODI 2401 7104 7104	5 5 5	 50 400	PUMP CHA MILEAGE	RGE		PRODUCT	775.00	775.00 Mc
<u>cob</u> 401 704	5 5 5	 	PUMP CHA MILEAGE	RGE		PRODUCT	775.00 14,25 ,70 2.22	775.00 Me 2137.5D 280.00 111.00
COD 401 104 102 110		 50 400	PUMP CHA MILEAGE	RGE		PRODUCT	775.00 14,25 ,70	775.00 Me 2137.5D 280.0D
COD 401 104 102 110		 50 400	PUMP CHA MILEAGE	RGE		PRODUCT	775.00 14,25 ,70 2.22	775.00 Me 2137.5D 280.00 111.00
COD 401 104 102 110		 50 400	PUMP CHA MILEAGE	RGE		PRODUCT	775.00 14,25 ,70 2.22	775.00 Me 2137.5D 280.0D 111.0D
COD 101 104 102 110		 50 400	PUMP CHA MILEAGE	RGE		PRODUCT	775.00 14,25 ,70 2.22	775.00 Me 2137.5D 280.00 111.00
COD 401 104 102 110		 50 400	PUMP CHA MILEAGE	RGE		PRODUCT	775.00 14,25 ,70 2.22	775.00 Me 2137.5D 280.00 111.00
COD 401 104 102 110		 50 400	PUMP CHA MILEAGE	RGE		PRODUCT	775.00 14,25 ,70 2.22	775.00 Me 2137.5D 280.00 111.00
<u>cob</u> 401 704		 50 400	PUMP CHA MILEAGE	RGE		PRODUCT	775.00 14,25 ,70 2.22	775.00 Me 2137.5D 280.0D 111.0D
COD 401 704 704 702 110		 50 400	PUMP CHA MILEAGE	RGE		PRODUCT	775.00 14,25 ,70 2.22	775.00 Me 2137.5D 280.00 111.00
COD 401 104 102 110		 50 400	PUMP CHA MILEAGE	RGE			775.00 14,25 ,70 2.22	775.00 Me 2137.5D 280.00 111.00
COD 401 104 102 110		 50 400	PUMP CHA MILEAGE	RGE		PRODUCT	775.00 14,25 ,70 2.22	775.00 Me 2137.5D 280.00 111.00
COD 401 104 102 110		 50 400	PUMP CHA MILEAGE	RGE		PRODUCT	775.00	775.00 Me 2(37,5D 2.80,0D //1.0D 3300D 3300D
con 401 704 702 110 240		<u> </u> <u>4</u> 00 	PUMP CHA MILEAGE	RGE ACL 2 Ty Flakt Dellver	÷ly	PRODUCT	775.00 /4/.25 .70 2.2 .310.00 	775.00 Me 2(37.5D 2.80.0D //1.0D 3300D 3300D 3300D
COD 101 104 102 110		 50 400	PUMP CHA MILEAGE	RGE ACL 2 Ty Flakt Dellver		PRODUCT	775.00 14,25 ,70 2,22 310.00	775.00

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

	,					
Oil Well Serv		onsolidated C De P.O.	EMIT TO bil Well Servic ept. 970 Box 4346		Chan 620/431-9210 • 1-	AAIN OFFICE P.O. Box 884 ute, KS 66720 800/467-8676 620/431-0012
l		Housion,	TX 77210-43	+0		
INVOICE					Invoice #	246135
Invoice Date: 11/30	/2011 Terr	ns: 0/0/30	,n/30		P	age 1
VESS OIL CORPOR 1700 WATER FRON WICHITA KS 672 (316)682-1537	T PKWAY BLD	500	WILSON 34120 8-255- 11-20- KS			e Al Algorith and Algorithm

Part Number 1126A 1110A 1144G 4104 4130 4253 4454	Description THICK SET (KOL SEAL (MUD FLUSH CEMENT BAS) CENTRALIZE TYPE A PAC 5 1/2" LAT	CEMENT 50# BAG) (SALE) KET 5 1/2" R 5 1/2" KER SHOE61	./2X6	Qty 150.00 750.00 2.00 6.00 1.00 1.00	Unit Price 18.3000 .4400 1.0500 229.0000 48.0000 1584.0000 254.0000	Total 2745.00 330.00 525.00 458.00 288.00 1584.00 254.00
Description 442 MIN. BULK DELI 446 CEMENT PUMP 446 EQUIPMENT MILE		Y)		Hours 1.00 1.00 .00	Unit Price 330.00 975.00 4.00	Total 330.00 975.00 .00
	Freight: Misc: Supplies:	.00	Tax: Total: Change:	7894.0		7894.06
Signed					Date	
BARTLESVILLE, OK EL DORADO, K 918/338-0808 316/322-7022	S EUREKA, KS 620/583-7664	Ponca city, Ok 580/762-2303	OAKLEY, KS 785/672-2227	OTTAWA, KS 785/242-4044	THAYER, KS 620/839-5269	GILLETTE, WY 307/686-4914

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CONSOLIDATED Oil West Berritere, LLC		enteri	D	TICKET NUMB	# 180 EI	120 Doreido brm
PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676	FIELD TICKET	CEMEN	T Ap: 1	+ 15-015-		00-00
DATE CUSTOMER #	WELL NAME & NUME	BER	SECTION	TOWNSHIP	RANGE	COUNTY
11-20-11 8511 Wile	son A 438			255	<u>5E</u>	Butter
CUSTOMER		Scofity	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS		32	446	Jeff		<u>.</u>
1700 water front	Parking 500	2.5	442	mark		
CITY STATE	ZIP CODE	m.g.	511	Jacob	<u> </u>	
wichita KS			<u> </u>			IC CIL
JOB TYPE Longsting B HOLE SI	IZE 77/8	HOLE DEPTH	2449	CASING SIZE & V		12.510
CASING DEPTH 2434 DRILL P	IPE	_TUBING			OTHER	I Shar Ter
SLURRY WEIGHT 1516 SLURRY			k	CEMENT LEFT in		r Jhac goin
DISPLACEMENT 58.11 bb DISPLA	CEMENT PSI 1100		. ^	RATE 41/2 6	<u>pm</u>	
REMARKS: Safty meating,	Run 51/2 7	6 2449		up loft	set po	icker She
pumped 5 bbl fresh	vater 5000	gal low	1100) 5	bbl-fresh	water,	mixed
150 sks thickset	5% Kol-50	al Die	placed	vith Lat	th down	piug
	popsi chec			-loat he	lt	· ~
6.6				. <u></u>		

jin n. Ser<mark>er</mark>

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ACCOUNT	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	975.00	975.00
5406	5	MILEAGE	4.00	N/C
5407		min bulk delivery	330.00	330.00
	100	Thick Set	18.30	2745.00
1126A	150	Kol-Scal	0.40	330.00
1110 A	<u></u>	DV1100 (mud Flush)	1.05	525,00
1144 @	<u></u>	51/2 Basket	229.00	458.00
4104		51/2 centralizac	48.00	288.00
4130			1584,00	1584.00
41.50 42.53 4454		51/2 X 77/8 type A packer Shor 51/2 Lath down plug	254.00	254.00
			Subtotal	7489.00
				40601
			ESTIMATED.	405.06
Ravin 3737	A ^	2512120	TOTAL	1894.06
AUTHORIZTION_	Casy Con	7.5 TITLE	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

ATTACHMENT TO ACO-1

WILSON A-438 330'FNL, 2715'FWL Sec. 8-25S-05E Butler County, KS

	SAMPLE	LOG TOPS
Burlingame	841 +548 SISO	838 +551
White Cloud Lm	933 +456	932 +457
Topeka	1094 +295 SISO	1093 +296
Oread	1400 -11 SO	1401 -12
Heebner	1441 -52	1438 -49
Lansing	1713 -324 SO	1713 -324
Kansas City	1990 -601	1988 -599
B/KC	2159 -770	2156 -767
Cherokee	2353 -964	2350 -961
Viola	2439 -1050 GSO	2437 -1048
PTD	2450 -1061	2449 -1060

DST #1	2415-2450	Zone: Viola

Times: 30-45-45-60

1st open: Weak blow incr to 9"

NO BB

2nd open Weak blow incr to 10 ½" NO BB

Rec.: 90' CGO(37 gr, 10-g, 90-o) 60 'OCM(O-10,M-90), 60' OCM (G-5, O-15, M-80) 60' OCM (15-O, 85-M)

IHP: 1193	FHP:	1185	
IFP: 46 - 115	FFP:	117 - 158	
ISIP: 606	FSIP:	607	TEMP: 103 F