



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- 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:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

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: _____

Operator Name: _____

Lease Name: _____ License #: _____

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

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



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. 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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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 / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Home Office P.O. Box 32 Russell, KS 67665

No. 6203

Phone 785-483-2025

Cell 785-324-1041

Date	11-17-12	Sec.	14	Twp.	11	Range	12	County	Ellis	State	KS	On Location	11:30 a.m.
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Location: Delta River Road 1/2 S E into

Well No. 2

Owner: Quality Oilwell Cementing, Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To: Attorneys O.I.

Street: _____

City: _____

State: _____

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered: 225 cms 2 1/4" ID

Meas Line: Displace 732

EQUIPMENT

No. 9 Cementer: Ray

No. 9 Helper: Ray

No. 9 Driver: Ray

No. 12 Driver: Ray, Billy

Job Services & Remarks

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

DV or Port Collar

Sand

Handling: 225

Mileage

Float Shoe

AFU Inserts

Float Shoe

Latch Down

Pumptrk Charge

Mileage: 19

Pumptrk Charge: Port Collar

Tax

Discount

Total Charge

Signature

X

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Home Office P.O. Box 32 Russell, KS 67665

No. 6174

Phone 785-483-2025
Cell 785-324-1041

Date	11-12-12
Sec.	14
Twp.	11
Range	17
County	ELLIS
State	KANSAS
On Location	
Finish	7:15 AM

Location: **VICTORIA TO CEMENTERS DR. - N. 20th St. - N. 20th St. - N. 20th St.**
 Well No. #2
 Lease: **DOZER #2**
 Contractor: **D.D. #4**

Type Job: **ROAD STRENGTH**
 Hole Size: **7 7/8"**
 Csg. Size: **5 1/2"**
 T.D.: **3,475'**
 Depth: **3,410'**
 Tbg. Size: **1392**
 Tool Bit: **COVER**
 Cement Left in Csg: **34.32"**
 Displace: **84 BBLs**

Owner: **CATTLEMANS DR.**
 Charge: **CATTLEMANS DR.**
 Street: **2200 CEMENTERS DR.**
 City: **HAYS**
 State: **KS**
 Zip: **67101**
 Poz. Mix: **235**
 Gel: **20**
 Calcium: **20**
 Hulls: **20**
 Salt: **20**
 Flowseal: **20**
 Kol-Seal: **20**
 Mud CLR 48: **500 gal.**
 CFL-117 or CD110 CAF 38: **235**

Common: **235**
 Cementer: **#15**
 Helper: **NTK L**
 Driver: **LOVELL**
 Driver: **CRADY**
 No. 15: **#15**
 No. 14: **#14**
 No. 13: **#13**
 No. 12: **#12**
 No. 11: **#11**
 No. 10: **#10**
 No. 9: **#9**
 No. 8: **#8**
 No. 7: **#7**
 No. 6: **#6**
 No. 5: **#5**
 No. 4: **#4**
 No. 3: **#3**
 No. 2: **#2**
 No. 1: **#1**

Remarks: **DROPPED BALL - BROKE REGULATORS**
CREATED ON BOTTOM - JUMPER
500 gal. mud CLR 48 - JUMPER RATE 30
SKS. JUMPER MUD - 15 SKS - MUD
JUMPER 190 SKS - 5 1/2" - DEMONSTRATED
DROPPED PLUG & WASHED UP JUMP TRUCK
MADE CONNECTION & DISPOSED PLUG -
LANDED & HELD
LET PRESSURE @ 1,000
PLUG LAMINATE @ 84 BBLs + 1400 LBS.

Job Services & Remarks: **235**
 Sand: **235**
 Handling: **235**
 Mileage: **235**
FLOAT EQUIPMENT
 Guide Shoe: **1-5/8"**
 Centralizer: **5-5/8" CENT.**
 Baskets: **3-5/8"**
 AFU Inserts: **1-5/8" w/PLUG**
 Float Shoe: **1-5/8"**
 Latch-Down: **1 Port Collar**

Pumptrk Charge: **235**
 Mileage: **235**
 Tax: **235**
 Discount: **235**
 Total Charge: **235**

Signature: **[Signature]**
 THANK YOU.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Home Office P.O. Box 32 Russell, KS 67665

No. 6147

Phone 785-483-2025

Cell 785-324-1041

Date	11-7-12
Sec.	14
Twp.	11
Range	17
County	Ellis
State	KS
On Location	9:30 AM
Finish	

Location: Codell & River Road 1/2 S E 1/2

Well No: 2

Lease: Derzweiler

Contractor: DSGover/TH

Type Job: Surface

Hole Size: 12 1/4

Csg. Size: 8 5/8

T.D. 242

Depth: 262

Charge: Cattlemans Oil

Street: _____

City: _____

State: _____

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 15'

Shoe Joint 15' 2 3/4

Displace _____

EQUIPMENT

No.	9	Cementer	_____
No.	_____	Helper	_____
No.	_____	Driver	_____
No.	_____	Driver	_____
No.	_____	Driver	_____
Bultrk			

JOB SERVICES & REMARKS

Remarks:

Rat Hole _____

Mouse Hole _____

Centralizers _____

Baskets _____

DV or Port Collar _____

8 5/8 on bottom Est. Circulation.

Mix 125 gal + Displace.

Common 175

Poz. Mix _____

Gel. 3

Calcium 6

Hulls _____

Salt _____

Flowseal _____

Koi-Seal _____

Mud CLR 48 _____

CFL-117 or CD110 CAF 38 _____

Sand _____

Handling 184

Mileage _____

FLOAT EQUIPMENT

Guide Shoe _____

Centralizer _____

Baskets _____

AFU Inserts _____

Float Shoe _____

Latch Down _____

Pumptrk Charge Surface

Mileage 23

Tax _____

Discount _____

Total Charge _____

Signature: [Handwritten Signature]



Discovery Drilling

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

DRILLER'S LOG

Operator: Cattlemans Oil Operations Lic# 7064 Contractor: Discovery Drilling Co., Inc. LIC#31548
2260 Catherine Road PO Box 763
Hays, KS 67601 Hays, KS 67601

Lease: Dorzweiler "D" # 2 Location: 890 FSL / 1650 FWL
NW/SE/SW
Section 14/ 11S/ 17W
Ellis County

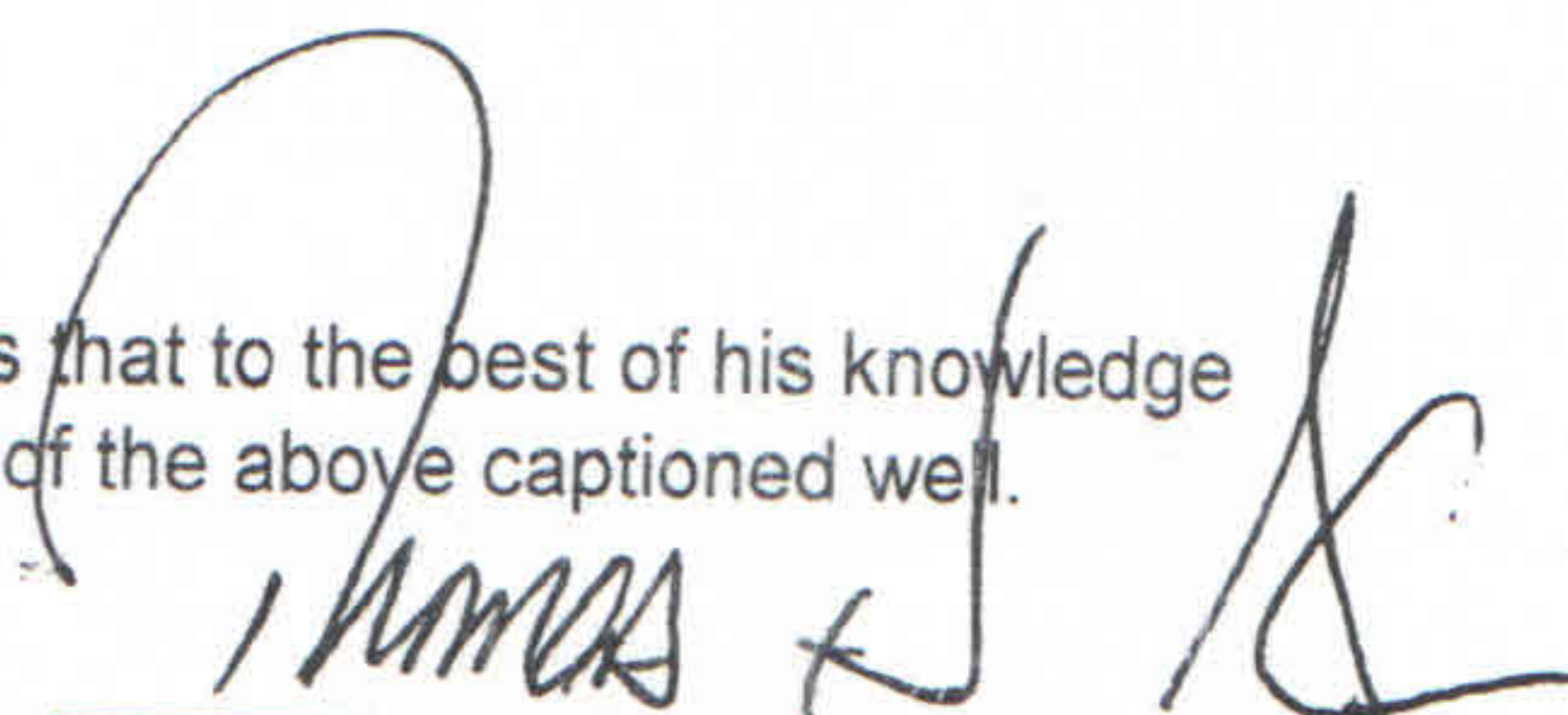
Loggers Total Depth: 3476' API#15- 051-26,333-00-00
Rotary Total Depth: 3475' Elevation: 1845 GL / 1853 KB
Commenced: 11/7/2012 Completed: 11/12/2012
Casing: 8 5/8" @ 262.73'W/175sks Status: Oilwell
5 1/2" @ 3461'W/190sks
(Port Collar @ 1392')

DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	<u>0'</u>	Shale	<u>1105'</u>
Dakota Sand	<u>498'</u>	Shale & Lime	<u>1615'</u>
Shale	<u>538'</u>	Shale	<u>2132'</u>
Cedar Hill Sand	<u>608'</u>	Shale & Lime	<u>2582'</u>
Red Bed Shale	<u>819'</u>	Lime & Shale	<u>3066'</u>
Anhydrite	<u>1073'</u>	RTD	<u>3475'</u>
Base Anhydrite	<u>1105'</u>		

STATE OF KANSAS)
) ss
COUNTY OF ELLIS)


Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

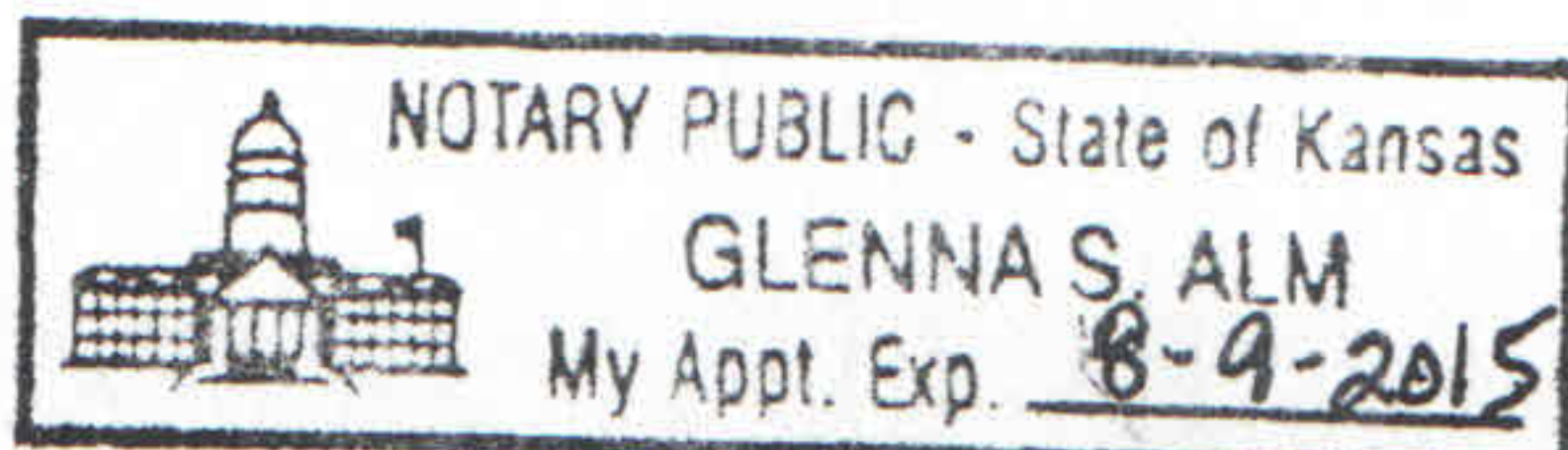

Thomas H. Alm

Subscribed and sworn to before me on 11-14-12

My Commission expires: 8-9-2015

(Place stamp or seal below)


Notary Public



QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6203

Date	11-14-12	Sec.	14	Twp.	11	Range	17	County	Ellis	State	KS	On Location		Finish	11:30 A.M.
Location								Catalpa River Road 1/2 S E into							
Lease	Danzweiler			Well No.	2			Owner							
Contractor	C.O. Toaks			To Quality Oilwell Cementing, Inc.											
Type Job	Port Collar			You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.											
Hole Size	7 7/8			T.D.	Charge To										
Csg.	5 1/2			Depth	Cattlemens Oil										
Tbg. Size	2 7/8			Depth	Street										
Tool	Port Collar			Depth	1461			City State							
Cement Left in Csg.				Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.										
Meas Line				Displace	34			Cement Amount Ordered							
EQUIPMENT				USED 210 SK											
Pumptrk	9	No.	Cement Helper	Craig			Common								
Bulktrk		No.	Driver	Cody			210								
Bulktrk	12	No.	Driver	Doug, Billy			Poz. Mix								
JOB SERVICES & REMARKS				Gel.											
Remarks:				Calcium											
Rat Hole				Hulls											
Mouse Hole				Salt											
Centralizers				Flowseal 50#											
Baskets				Kol-Seal											
D/V or Port Collar				Mud CLR 48											
Test 5 1/2 to 1000# Open Tool +				CFL-117 or CD110 CAF 38											
Est Circulation Mix 210 SK Cement				Sand											
Circulated Displace 72. Close				Handling 225											
Tool Pressure to 800#. Release				Mileage											
Pressure Run 5 joints + Wash				FLOAT EQUIPMENT											
Clean				Guide Shoe											
				Centralizer											
				Baskets											
				AFU Inserts											
				Float Shoe											
				Latch Down											
				Pumptrk Charge port collar											
				Mileage 19											
				Tax											
				Discount											
				Total Charge											
X Signature															

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6174

Date	11-12-12	Sec.	14	Twp.	11	Range	17	County	ELLIS	State	KANSAS	On Location		Finish	7:15 AM
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Location VICTORIA RD TO CATHERINE RD - W TO CORNELL RD - N TO R.R. E/INT

Lease	<u>DOERZWIETZ "D"</u>	Well No.	<u>#2</u>	Owner	<u>CATTLEMAN'S OIL</u>
Contractor	<u>D.D #4</u>	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Type Job	<u>Prod. string</u>				
Hole Size	<u>7 7/8"</u>	T.D.	<u>3,475'</u>	Charge To	<u>CATTLEMAN'S OIL</u>
Csg.	<u>5 1/2"</u>	Depth	<u>3,469'</u>	Street	<u>2260 CATHERINE RD.</u>
Tbg. Size		Depth		City	<u>Hays</u> State <u>KS</u> <u>677601</u>
Tool	<u>PORT COLLAR</u>	Depth	<u>1392</u>	The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg.		Shoe Joint	<u>34' 32"</u>	Cement Amount Ordered <u>235 com - 10% SALT</u>	
Meas Line		Displace	<u>84 Bbls</u>		

EQUIPMENT

Pumptrk #15	No.	Cementer		Common	<u>235</u>
		Helper	<u>NICK W.</u>	Poz. Mix	
Bulktrk #17	No.	Driver		Gel.	
		Driver	<u>LOWME W.</u>	Calcium	
Bulktrk P/U	No.	Driver			
		Driver	<u>CISCO W.</u>		

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole <u>30 SKS</u>	Salt <u>20</u>
Mouse Hole <u>15 SKS</u>	Flowseal
Centralizers <u>1, 2, 7, 10, 48</u>	Kol-Seal
Baskets <u>2, 3, 49</u>	Mud CLR 48 <u>500 gal.</u>
D/V or Port Collar <u>#49</u>	CFL-117 or CD110 CAF 38
<u>DROPPED BALL - BROKE CIRCULATION</u>	Sand
<u>CIRCULATED ON BOTTOM MIN - PUMPED</u>	Handling <u>255</u>
<u>500 GAL. MUD CLR 48 - PLUGGED RATHOLE 30</u>	Mileage
<u>SKS. PLUGGED MOUSEHOLE 15 SKS - MIXED</u>	
<u>PLUGGED 190 SKS DOWN 5 1/2" - DECOMPLETED</u>	
<u>DROPPED PLUG & WASHED UP PUMP TRUCK</u>	
<u>MADE CONNECTION & DISPLACED PLUG -</u>	
<u>LANDED & HELD</u>	
<u>LIFT PRESSURE @ 1,000</u>	
<u>PLUG LANDED @ 84 Bbls & 1,400 LBS.</u>	

FLOAT EQUIPMENT

Guide Shoe	<u>1-5 1/2"</u>
Centralizer	<u>5-5 1/2" CENT.</u>
Baskets	<u>3-5 1/2"</u>
AFU Inserts	<u>1-5 1/2" w/PLUG</u>
Float Shoe	
Latch Down	<u>1 port Collar</u>

Pumptrk Charge	<u>Prod Long String</u>
Mileage	<u>23</u>

THANK YOU.

X Signature [Signature]

Tax	
Discount	
Total Charge	

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6147

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-7-12	14	11	17	Ellis	KS		9:30 AM

Location *Codell & River Road 1/2 S Einto*

Lease	Well No	Owner	
<i>Dorzweiler</i>	<i>2</i>	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Contractor	Type Job	Charge To	
<i>D's govern #4</i>	<i>Surface</i>	<i>Cattlemans Oil</i>	
Hole Size	T.D.	Street	
<i>12 1/4</i>	<i>242</i>		
Csg.	Depth	City	
<i>8 5/8</i>	<i>262</i>	State	
Tbg. Size	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
		Cement Amount Ordered <i>175 com 30% acc 70% bel</i>	
Cement Left in Csg. <i>15'</i>	Shoe Joint <i>15 1/2 B C</i>		

EQUIPMENT			Common
Pumptrk	No.	Cementer Helper	<i>175</i>
		<i>Craig</i>	
Bulktrk	No.	Driver	Poz. Mix
		<i>Cody</i>	
Bulktrk	No.	Driver	Gel. <i>3</i>
		<i>Doug</i>	Calcium <i>6</i>

JOB SERVICES & REMARKS		Hulls
Remarks:		Salt
Rat Hole		Flowseal
Mouse Hole		Kol-Seal
Centralizers		Mud CLR 48
Baskets		CFL-117 or CD110 CAF 38
D/V or Port Collar		Sand
<i>8 5/8 on bottom. Est. Circulation.</i>		Handling <i>184</i>
<i>Mix 125 gal + Displace.</i>		Mileage

FLOAT EQUIPMENT	
<i>Cement Circulated!</i>	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Pumptrk Charge	<i>Surface</i>	Tax
Mileage	<i>23</i>	Discount
Signature <i>[Signature]</i>		Total Charge