

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. 464

Date	4-25-18	Sec.	19	Twp.	18	Range	14	County	Barton	State	KS	On Location		Finish	3:30 PM
Location								H-WY 281 + 4 35 4W 1 1/2 S WINTG							
Lease	Nordman			Well No.	104 1-19			Owner							
Contractor				Discovery #4				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				Production String Bottom Stage				Charge To American Oil							
Hole Size				7 7/8				T.D.				3600'			
Csg.				5 1/2				Depth				3599'			
Tbg. Size								Depth							
Tool				DV				Depth				928'			
Cement Left in Csg.								Shoe Joint				34.65			
Meas Line								Displace				8 3/4 bbl			
EQUIPMENT								Common							
Pumptrk 17				No. Cementer				Brett				Glenn			
Bulktrk 14				No. Driver				Travis							
Bulktrk 3				No. Driver				Doug							
JOB SERVICES & REMARKS								Hulls							
Remarks:								Salt 13							
Rat Hole 30sx								Flowseal							
Mouse Hole 15sx								Kol-Seal 750#							
Centralizers 1, 3, 5, 7, 9, 11, 64 + 66								Mud CLR 48 - 500 Gal							
Baskets 12 + 65								CFL-117 or CD110 CAF 38 10 bbl							
DV 1000 J + 65 @ 928'								Sand							
Ran 3599' 5 1/2 casing + Est cir								Handling 170							
Mixed 150 sx of cement								Mileage 5 1/2							
Displaced plug w/ 54 H ₂ O, 18 mud + 10 3/4 H ₂ O								FLOAT EQUIPMENT							
Lift pressure @ 600 lbs								Guide Shoe							
Landed plug @ 1500								Centralizer - 8							
Dropped dart + Open DV @ 700 lbs								Baskets - 2							
Est circulation								AFU Inserts							
								Float Shoe - 1							
								Latch Down - 1							
								DV Tool - 1							
								Pumptrk Charge prod string Bottom Stage							
								Mileage 18							
								Tax							
								Discount							
								Total Charge							
Signature <i>Oliver Anderson</i>															

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No. 695

Date	4-19-18	Sec.	19	Twp.	18	Range	14	County	Barton	State	Ks	On Location		Finish	5:45 PM
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Lease	Nordman	Well No.	1-19	Owner	W/S
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Contractor	Discovery	#	4	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.	
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Type Job	Surface	Charge To	American oil
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Hole Size	12 1/4"	T.D.	349'
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Csg.	8 5/8"	Depth	349'
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Tbg. Size		Depth		City		State	
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Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.		
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Cement Left in Csg.	15'	Shoe Joint	15'	Cement Amount Ordered	200 80/20 3% CC 2% Gel
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Meas Line	Displace	21 1/4 BLS
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EQUIPMENT

Pumptrk	17	No.	Cementer	Travis	Common	160
			Helper		Poz. Mix	40
Bulktrk	14	No.	Driver	Glenn	Gel.	4
			Driver		Calcium	7
Bulktrk	P.H.	No.	Driver	Rick		
			Driver			

JOB SERVICES & REMARKS

Remarks:	Cement did Circulate	Hulls	
Rat Hole		Salt	
Mouse Hole		Flowseal	
Centralizers		Kol-Seal	
Baskets		Mud CLR 48	
D/V or Port Collar		CFL-117 or CD110 CAF 38	
		Sand	

Handling 2/1
Mileage

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

Pumptrk Charge Surface
Mileage 18

X Signature *Dr. Luba*

Tax	
Discount	
Total Charge	

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

No. 465

Date	Sec.	Twp.	Range	County	State	On Location	Finish
4-25-18	19	18	14	Barton	KS		4:45 PM

Location HWY 281 + 4 3S 4W 1 1/2 S Winto

Lease Nordman Well No. 1-19 Owner

Contractor Discovery #4 To Quality Oilwell Cementing, Inc.
Type Job Top Stage You are hereby requested to rent cementing equipment and furnish
Hole Size 7 7/8 T.D. 3600' Charge To American Oil
Csg. 5 1/2 Depth 3599' Street

Tbg. Size Depth City State

Tool DV Depth 928 The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. Shoe Joint Cement Amount Ordered 150 com 10% Salt 5% Gilsomite

Meas Line Displace 22 bbl 290 80/20 QMDC 1/2 Flowseal

EQUIPMENT Common 290 80/20 QMDC

Pumptrk 17 No.	Cementer		
	Helper	Brett	W.lean
Bulktrk No.	Driver	Frank	
Bulktrk 3 No.	Driver	Doug	

JOB SERVICES & REMARKS Poz. Mix

Remarks: Gel.

Rat Hole 30 sx Mouse Hole 15 sx Centralizers Mud CLR 48

Baskets CFL-117 or CD110 CAF 38

DV ~~or other~~ Sand Handling 240

Plug Rat + Mouse hole Mileage 5 1/2

Mix 195 sx cement Displace 22 bbl H₂O

Displace 22 bbl H₂O Guide Shoe

Lift pressure @ 500 lbs Centralizer - 8

Landed Plug @ 1000 lbs Baskets - 2

Cement Circulated!! AFU Inserts

Float Shoe - 1

DV Tool - 1

Pumptrk Charge prool string

Mileage 18

Tax

Discount

Total Charge

Signature *John Escher*

Top Stage