

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

No. 4872

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

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

Date	7.11.11	Sec.	36	Twp.	11	Range	23	County	Trego	State	KS	On Location		Finish	6:00 p.m.
Lease	Triple Creek			Well No.	7			Location Wakarusa 1/2 3E 1/2 N 42 1/2 W							
Contractor	W.W. #8							Owner: 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	Surface							Charge To: H+M							
Hole Size	12 1/4			T.D.	221			Street							
Csg.	8 5/8			Depth	221			City							
Tbg. Size				Depth				State							
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contract							
Cement Left in Csg.	15			Shoe Joint				Cement Amount Ordered 150 ccm 30/60 20/60							
Meas Line				Displace	1336										

EQUIPMENT

Pumptrk	No.	Cementer	Helper	Common
Bulktrk	9	Driver	Driver	Poz. Mix
Bulktrk	13	Driver	Driver	Gel.

JOB SERVICES & REMARKS

Remarks:	
Rat Hole	
Mouse Hole	
Centralizers	
Baskets	
D/V or Port Collar	
	8 5/8 on bottom for circulation
	Mix 150 30/60 20/60
	Emergency Cementation

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

Pumptrk Charge		Tax	
Mileage		Discount	
		Total Charge	

Signature: *[Handwritten Signature]*

**WW Drilling, LLC
WaKeeney, KS
Well Plugging Orders**

Operator: H & M Petroleum Corporation License # 34055
Address: 13570 Meadowgrass Dr Ste 120, Colorado Springs CO 80921

API # 15-195-22718-00-00

Lease Name: Triple Creek #7
Legals: 2310 FSL & 1320 FEL, Section 36-11s-23w
County: Trego
State: Kansas

Plug #	Sx.	Feet
1st	<u>25</u>	<u>@ 20' Above Arb.</u>
2nd	<u>25</u>	<u>@ 1880'</u>
3rd	<u>100</u>	<u>@ 1070'</u>
4th	<u>40</u>	<u>@ 275'</u>
5th	<u>10</u>	<u>@ 40"W/Wiper Plug</u>
Rathole	<u>30</u>	
Mousehole	<u> </u>	

Total: 230

Type: 60/40 Poz - 4% Gel - 1/4 # per sx flo-seal

Spud Report: Bruce Rodie Date: 7/11/2011 Time: 10:00 AM

Orders From: Bruce Basye Date: 7/13/2011 Time: 8:45 AM

Reported to: David Wann Date: 7/20/2011 Time: 9:30 AM

Results: Ran 4 1/2. DV @ 1777

API # 15-195-22718-00-00

Operator: H & M Petroleum Corporation Well Name & No: Triple Creek #7
 Locallon: 2310 FSL & 1320 FEL, Secllon 36-11s-23w County: Trego State: Kansas
 Rig No.: 8 Contractor: WW Drilling, LLC Tool Pusher: Sid Deutscher 785-259-2382
 Drill Collars: 14 Size: 6 1/4 x 2 1/4 Rig Phone: 785-259-0816
 Make Pump: National K-380 Liner & Stroke: 6 x 14 Spud 7/11/11 @ 1:45 PM
 Approx. TD: 4175 Elevation: 2418 K.B. 2423 KB Hole Complete: 07/17/2011@8:15PM
 Mud Co.: Morgan Mud Mud Engineer: Dave Lines Water Sallne River

Date	07/11/11	07/12/11	07/13/11	07/14/11	07/15/11	07/16/11	07/17/11	07/18/11	07/19/11	07/20/11
Days	1-spud	2-drlg	3-drlg	4-drlg	5-dst#1	6-dst#	7-drlg	8-logging	9-cmt	10-done
Depth		750	2672	3465	3760	3882	4070	4150	4150	4150
Ft. Cut		750	1922	793	295	122	188	80	0	
D.T.										
D.T.		8-woc						3-Clutch		
C.T.					12	17	13.25	17	24 WOO	
Bit Wt.		10,000	30,000	35,000	35,000	35,000	35,000	35,000	35,000	
RPM		90	90	85	85	85	85	85	85	
Pressure		600	750	750	750	800	850	850	850	
SPM		60	60	60	60	60	60	60	60	
Mud Cost		650	4103	6717	7966	7966	8212	8625	8625	
Mud Wt.		8.8	9.4	8.9	9.1	9.1	9.2	9.3	9.3	
Viscosity		28		62	59	54	55	56	56	
Water Loss					6.8	7.2	7.2	6.8	6.8	
Chlorides					4400	4400	4400	4800	4800	
L.C.M.				1.5#	2#	2#	2#	3#	3#	
Dev. Sur		1/2"@221			3/4"@3760			3/4"@4150		
Fuel	2500	2400	3700	3350	3050	2850	2600	2400	2300	2250
Water-Pll		1 1/2	1-full, 1-0	1-F, 1-2'	1-f, 1-2'	1-f, 1-1'	1-f, 1-1'	1-full	2'	
ACC Bit Hrs.		5	27.75	50.25	62	69.25	80	84	84	
Formation	sd-sh	sd-sh	sd-sh	sh-lm	sh-lm	sh-lm	sh-lm	sh-lm	sh-lm	
Weather		clear	cloudy	clean	cloudy	cloudy	clear	clear	clear	

No.	Size	Type	Out	Ft.	Hrs.	Cum Hrs.	Bit Cond	Serial #	Tops
1	12 1/4	Smith	221	221	2.5	47.25	RR	AN 2019	
2	7 7/8	Sm - F-27	41503929	3849	84	86.25	New	PT 0300	48.1"Per Hr.
3									
4									

DEPTH	SIZE	SACKS	CEMENT MATERIAL	PLUG DOWN	DRILLED OUT	REMARKS
220	8 5/8	150	Common, 3% cc, 2% gel	6:00 AM	2:22 AM	Quality Did Circulate
4146	4 1/2	180	EA-2			
1777	DV	240	SMD	8:00AM		Swift Did Circulate

NO	INTERVAL	OPEN	SHUT	OPEN	SHUT	RECOVERY
1	3740-3760	15	30	30	60	140'GO, 400'GIP
2	3792-3882	30	30	45	75	1'CO, 65'OCM
3	4015-4030	30	30	30	60	1'Mud.
4	4076-4100	30	30	30	60	1'Mud.
5						
6						
7						
8						
9						

Surface Casing Furnished by: Midwestern Pipeworks: 5 jts 8 5/8 X 23# X 214.08 Set @ 220'

Remarks: Strap & weld surface by WW(Sage), Anhydrite 1857-1901, Displaced@2966'(700bbls.), Pipe Strap@3760'
Strap long 0.9', Short Trip @3760 2.25Hrs.(11:00PM-01:15AM), Logged By Log-Tech. LTD 4149'RTD 4150', Ran 99 Jts.
4 1/2 Set @ 4146'. 1st Stage W/180sx EA-2, 2nd Stage W/240sx SMD, 30sx SMD @ the rat hole. Plug Down @ 8:00
AM, Rig Released @ 10:00 AM 07/19/2011.

API # 15-195-22718-00-00

Operator: H & M Petroleum Corporation Well Name & No: Triple Creek #7
 Location: 2310 FSL & 1320 FEL, Section 36-11s-23w County: Trego State: Kansas
 Rlg No.: 8 Contractor: WW Drilling, LLC Tool Pusher: Sid Deutscher 785-259-2382
 Drill Collars: 14 Size: 6 1/4 x 2 1/4 Rig Phone: 785-259-0818
 Make Pump: National K-380 Liner & Stroke: 6 x 14 Spud 7/11/11 @ 1:45 PM
 Approx. TD: 4175 Elevation: 2418 K.B. 2423 KB Hole Complete: 07/17/2011@8:15PM
 Mud Co.: Morgan Mud Mud Engineer: Dave Lines Water Saline River

Date	07/11/11	07/12/11	07/13/11	07/14/11	07/15/11	07/16/11	07/17/11	07/18/11	07/19/11	07/20/11
Days	1-spud	2-drlg	3-drlg	4-drlg	5-dst#1	6-dst#	7-drlg	8-logging	9-cmt	10-done
Depth		750	2672	3465	3760	3882	4070	4150	4150	4150
Ft. Cut		750	1922	793	295	122	188	80	0	
D.T.										
D.T.		8-woc						3-Clutch		
C.T.					12	17	13.25	17	24 WOO	
Bit Wt.		10,000	30,000	35,000	35,000	35,000	35,000	35,000	35,000	
RPM		90	90	85	85	85	85	85	85	
Pressure		600	750	750	750	800	850	850	850	
SPM		60	60	60	60	60	60	60	60	
Mud Cost		650	4103	6717	7966	7966	8212	8625	8625	
Mud Wt.		8.8	9.4	8.9	9.1	9.1	9.2	9.3	9.3	
Viscosify		28		62	59	54	55	56	56	
Water Loss					6.8	7.2	7.2	6.8	6.8	
Chlorides					4400	4400	4400	4800	4800	
L.C.M.				1.5#	2#	2#	2#	3#	3#	
Dev. Sur		1/2"@221			3/4"@3760			3/4"@4150		
Dev. Sur										
Fuel	2500	2400	3700	3350	3050	2850	2600	2400	2300	2250
Water-Pit		1 1/2	1-full,1-0	1-F,1-2'	1-f,1-2'	1-f,1-1'	1-f,1-1'	1-full	2'	
ACG Bit Hrs.		5	27.75	50.25	62	69.25	80	84	84	
Formation	sd-sh	sd-sh	sd-sh	sh-lm	sh-lm	sh-lm	sh-lm	sh-lm	sh-lm	
Weather		clear	cloudy	clean	cloudy	cloudy	clear	clear	clear	

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RPM		90	90	85	85	85	85	85	85	
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4	4076-4100	30	30	30	60	1'Mud.
5						
6		E:F			340'	CLEAN OIL ! CLEAN OIL W/ DRILLING FLUIDS
7						
8						PRESSURES ARE SIMILAR TO DOYLES DOME NO 1 450 PSI
9						

Surface Casing Furnished by: Midwestern Pipeworks: 5 jts 8 5/8 X 23# X 214.08 Set @ 220'
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