

ALT ☐ I ☐ II ☐ III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



Form	ACO1 - Well Completion
Operator	Phillips Exploration Company L.C.
Well Name	HAFLIGER UNIT C19
Doc ID	1538019

#### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.75	23	210	common	150	80/20

**Federal Tax I.D.# 20-2886107**

**Phone 785-483-1071**  
**Cell 785-324-1041**

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

**No. 1999**

Date	Sec.	Twp.	Range	County	State	On Location	Finish
6-9-20	32	12	23	Trego	KS		2:45P.
				Location Wakeeney 13 1w 2 1/45 Einto			
Lease Hatliger unit		Well No. C19		Owner			
Contractor Merfin				To Quality Oilwell Cementing, Inc.			
Type Job Surface				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 12 1/4		T.D. 210		Charge To Phillips Exploration			
Csg. 8 5/8		Depth 208		Street			
Tbg. Size		Depth		City State			
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg.		Shoe Joint		Cement Amount Ordered 150 8/20 3:11 2:16E2			
Meas Line		Displace 12 1/2 BCL					
EQUIPMENT							
Pumptrk 20 No. Cementer		No. Helper		Common 120			
Bulktrk No. Driver		Driver		Poz. Mix 30			
Bulktrk 14 No. Driver		Driver		Gel. 3			
				Calcium 6			
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			
8 5/8 on bottom. Fct Circulation				Handling 159			
Mix 150 sec & Displace				Mileage			
Cement Circulate at				FLOAT EQUIPMENT			
				Guide Shoe 8 5/8 Swage			
				Centralizer			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				Pumptrk Charge Surface			
				Mileage 38			
				Tax			
				Discount			
X Signature A. L. P.				Total Charge			
				Thanks			

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071  
Cell 785-324-1041

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

No. 2028

Date <u>6/16/2020</u>	Sec. <u>32</u>	Twp. <u>12</u>	Range <u>23</u>	County <u>Trego</u>	State <u>Kansas</u>	On Location	Finish <u>3:45 pm</u>	
				Location <u>Wakeney 15 1W 2S E into</u>				
Lease <u>Haffiger unit</u>			Well No. <u>C19</u>		Owner			
Contractor <u>Murfin 16</u>					To Quality Oilwell Cementing, Inc.			
Type Job <u>Plug</u>					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 <u>7 3/8</u>		T.D. <u>1460'</u>		Charge To <u>Phillips Exploration</u>				
Csg.		Depth		Street				
Tbg. Size <u>4 1/2 DP</u>		Depth <u>1975'</u>		City		State		
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.				
Cement Left in Csg.		Shoe Joint		Cement Amount Ordered <u>255 6% 4% gel</u>				
Meas Line		Displace						
<b>EQUIPMENT</b>				Common <u>153</u>				
Pumptrk <u>20</u>	No.	Cementer <u>Dick</u>		Poz. Mix <u>102</u>				
Bulktrk <u>9</u>	No.	Driver <u>Lance</u>		Gel. <u>9</u>				
Bulktrk <u>PU</u>	No.	Driver <u>David</u>		Calcium				
<b>JOB SERVICES &amp; REMARKS</b>				Hulls				
Remarks:				Salt				
Rat Hole				Flowseal <u>50th</u>				
Mouse Hole				Kol-Seal				
Centralizers				Mud CLR 48				
Baskets				CFL-117 or CD110 CAF 38				
D/V or Port Collar				Sand				
<u>1975' - 50 sks</u>				Handling <u>264</u>				
<u>1025' - 100 sks</u>				Mileage				
<u>275' - 50 sks</u>				<b>FLOAT EQUIPMENT</b>				
<u>40' - 10 sks</u>				Guide Shoe				
				Centralizer				
				Baskets				
<u>Rat hole - 30 sks</u>				AFU Inserts				
<u>Mouse hole - 15 sks</u>				Float Shoe				
				Latch Down				
<u>Cement Did circulate</u>				<u>8 5/8 Dry hole plug</u>				
				Pumptrk Charge <u>plug</u>				
				Mileage <u>38</u>				
X Signature <u>[Signature]</u>				Tax				
				Discount				
				Total Charge				

Thanks  
[Signature]