

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
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Home Office P.O. Box 32 Russell, KS 67665

No. 1342

Date	Sec.	Twp.	Range	County	State	On Location	Finish
7-12-2019	12	11	29	rego	KANSAS		3:30pm
Lease <u>PATTERSON 3-12</u>				Well No.	<u>SWD</u>		
Contractor <u>STP DRILL</u>				Location <u>WAKEKEY I-70 EXIT 7N 2 1/2 E 1/4 SW 20</u>			
Type Job <u>PRODUCTION STRING</u>				Owner <u>CHolla Petroleum LLC.</u>			
Hole Size <u>7 7/8</u>				TD	<u>1629'</u>		
6 3/4 Csg. <u>4 1/2</u>				Depth	<u>1627'</u>		
Tbg. Size				Depth	City State		
Tool <u>ATCH DN. ASSY</u>				Depth	<u>1605'</u>		
Cement Left In Csg. <u>22. 2 1/2</u>				Shoe Joint	<u>22. 29</u>		
Meas Line				Displace	<u>25 1/2 / BBL</u>		
EQUIPMENT							
Pumptrk <u>20</u>	No.	Cementier	<u>TEBY</u>		Common <u>375 50% QMDC</u>		
		Helper	<u>MIKEY</u>		Poz. Mix		
Bulktrk <u>21</u>	No.	Driver	<u>CELANO</u>		Gel.		
	No.	Driver			Calcium		
	No.	Driver			Hulls		
JOB SERVICES & REMARKS							
Remarks:							
Rat Hole							
Mouse Hole							
Centralizers <u>2-3-5-7-9-11-13-15-18</u>							
Baskets <u>#17 pin - Shoe IT.</u>							
DV or Port Collar							
<u>RAN 38 TOTAL ITS. INCLUDING LATEX</u>							
<u>SET @ 1627' RECEIVED CIRC DRAP AEU</u>							
<u>BALL CIRC @ TOTAL OF 34 HRS.</u>							
<u>Cement Rattle w/ 30 SA.</u>							
<u>Cement Down Hole w/ 3455Y</u>							
<u>Clear Line</u>							
<u>Release LATCH DOWN Plug</u>							
<u>& Displaced A TOTAL</u>							
<u>OF 25 1/2 BBL -</u>							
<u>LAND OIL @ 1550 #</u>							
<u>Hold For 1 min. Note</u>							
<u>CYCLE SOLE RELEASED</u>							
<u>Pressure & PRIED -DP.</u>							
<u>CEMENT DID CALCULATE!</u>							
Signature <u>[Signature]</u> Cement DID CIRC <u>Weld M.D.</u>							
Total Charge							

