

Conductor - Surface TREATMENT REPORT

Acid Stage No.

Date !	9/16/2019 c	District GB	F.O. I	No. 50015	Type Treatment: Bkdown		Type Fluid	Sand Size	Р	ounds of Sand	
Date <u>9/16/2019</u> District <u>GB</u> F.O. No. <u>50015</u> Company Howell Oil					brdown						_
	ne & No. Dole #4		NATIONAL PROPERTY AND ADDRESS OF THE PARTY O		-						_
Location	-		Field			Bbl./Gal			-		
County	560		State KS		Flush	Bbl./Gal.					
	THE RESERVE OF THE PERSON NAMED IN COLUMN 1 IN COLUMN				Treated from				No. ft.	0	
Casing:	Size 13 3/8	B" Type & Wt.	48#	Set at ft.			ft. to		_		
Formation			Perf.		from				No. ft. No. ft.		
Formation					Actual Volume of Oil		ft. to		110.10.	Bbl./Gal.	
Formation			Perf.		AROIDERA III					_ BDI./Gai.	R PROPERTY.
Liner: S	ize Type &	Wt.	Top at ft.		Pump Trucks. No	Llsed: Std	320 sn		Turin		
	Cemented: Yes	▼ Perforated fr	rom		Auxiliary Equipment		<u> Эго</u> эр	367	- 1WIII -		_
	Size & Wt.				Personnel Nathan-	-Greg-Clarence		307	-		_
	Perforated fr	om	ft. to	ft.	Auxiliary Tools					_	
,			THE RESERVE OF THE PROPERTY OF		Plugging or Sealing M	Naterials: Type					_
Open Hole	e Size	T.D	ft. P.		55 0	.,,,,		Gals	-	lb.	_
						THE RESIDENCE OF THE PERSON NAMED IN COLUMN 2 IN COLUM		THE PROPERTY OF STREET	ALCOHOLD BOOK OF THE PARTY OF T		11000
Company	Representative	MALE ROOM STORY OF THE PARTY OF	Larry F	l.	Treater		Natha	an W.			
TIME PRESSURES			Total Fluid Pumped			DEMAN	246				-
a.m./p.m.	Tubing	Casing	rotarriaia rampea			REMAI					
8:15		13 3/8"		On Location. Rig	Circulating of	on bottom.				The second secon	
											7
				Hole-308'							-
				Pipe294'							_
											_
				Break circulation with mud pump.							
					•						-
				Mix 300sks 60/40poz 2%gel 3% Calcium Chloride 5#/sk Gilsonite.						$\dashv$	
					1 8-1	7.0 00.10101111	cinoriae 51	1/31( 01130	mic.		$\dashv$
12:15 Displace with 43				Bbbls at 6.5bpm-250# Did not circulate cement.							
Wait 45 minutes			s. Tag cement at 30'						-		
					148 66111611						$\dashv$
1:45				Run 1" tubing to	29' Mix 50sl	ks Commo	n Circulate	d caman	t to cu	rface	$\dashv$
						NS COMMO	i. Circulate	u cemen	1 10 50	irrace.	$\dashv$
							<del>,</del>				$\dashv$
				Thank You!							4
											4
				Nathan W.							_
											4
								-Alberta de la constante de la			
											7



Production

## TREATMENT REPORT

Acid Stage No.

Company   Howell Oil	Date _	9/22/2019	District GB	F.O.	No. 50020	Type Treatment:	Amt.	Type Fluid	Sand Size	Po	ounds of Sand					
Treated from	Company Howell Oil						BDI./Gal.									
Series   S	Well Name & No. Dole #4					-	BDI./Gal.									
County   Reno	Location Field											_				
Treated from	County				F	Flush	Bbl./Gal.									
15.5#   15.5				AND RESIDENCE TO PERSON AND REAL PROPERTY.												
Formation:	Casing:	Size5.5"	Type & Wt	15.5#	Set at ft.											
Formation:	Formation					-										
Formation:	Formation	n:				AND DESCRIPTION OF THE PERSON NAMED IN COLUMN				NO. IL.						
Liner: SizeType & WtTop atft. toft. to		n:		Perf.	to					Martin Company (Section 1)	BDI./Gai.					
Tubing:  Size & Wt	Liner: Si	izeType 8	& Wt	Top atft.	Bottom at ft. P	Pump Trucks. No. U	Jsed: Std.	365 Sp.		Twin						
Tubing See & Wt Swung at	(	Cemented: Yes	▼ Perforated f	from	ft. toft. A	Auxiliary Equipment	-									
Open Hole Size T.D. ft. P.B. to ft. P.B. t	Tubing:	Size & Wt.		Swung at	ft. P											
Company Representative  Larry R.  Treater  Nathan W.  Time PRESSURES  3-00.0 5.5"  On Location. Rig laying down pipe.  Hole-3518'  Centralizers-1,3,5,7,9,11  Pipe-3490'  Baskets-2,16  Baffle-3475'  Break circulation with mud pump. Circulate for 30 minutes.  Mix 250sks Common 12% Salt .75%C-37 .75%C41p .25%C12 5#/sk  Gilsonite.  Wash out pump and lines.  Displace with 82.7bbls at 6.25bpm-700# Plug landed at 1000#  REMARKS		Perforated f	rom	ft. to	ft. A	Auxiliary Tools					-					
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TIME PRESSURES Total Fluid Pumped REMARKS  9:00 5.5" On Location. Rig laying down pipe.  Hole-3518' Centralizers-1,3,5,7,9,11 Pipe-3490' Baskets-2,16 Baffle-3475'  Break circulation with mud pump. Circulate for 30 minutes.  Mix 250sks Common 12% Salt .75%C-37 .75%C41p .25%C12 5#/sk Gilsonite.  Wash out pump and lines.  Displace with 82.7bbls at 6.25bpm-700# Plug landed at 1000# Release pressure. Float Held.  Plug Rat Hole with 30sks Plug Mouse Hole with 20sks.	Open Hole	Size	T.D.	ft. P.	.B. toft.						lb.					
TIME PRESSURES   Total Fluid Pumped   REMARKS	Company	Danrocantativo		law. I												
Totaling Casing 9:00  5.5" On Location. Rig laying down pipe.  Hole-3518' Centralizers-1,3,5,7,9,11 Pipe-3490' Baskets-2,16 Baffle-3475'  Break circulation with mud pump. Circulate for 30 minutes.  Mix 250sks Common 12% Salt .75%C-37 .75%C41p .25%C12 5#/sk Gilsonite.  Wash out pump and lines.  Displace with 82.7bbls at 6.25bpm-700# Plug landed at 1000# Release pressure. Float Held.  Plug Rat Hole with 30sks Plug Mouse Hole with 20sks.	-	THE REAL PROPERTY AND PERSONS ASSESSED.	CLIDEC	Larry F	₹.	Treater		Natha	n W.							
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Baffle-3475'  Break circulation with mud pump. Circulate for 30 minutes.  Mix 250sks Common 12% Salt .75%C-37 .75%C41p .25%C12 5#/sk Gilsonite.  Wash out pump and lines.  Displace with 82.7bbls at 6.25bpm-700# Plug landed at 1000# Release pressure. Float Held.  Plug Rat Hole with 30sks Plug Mouse Hole with 20sks.																
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Plug Mouse Hole with 20sks.  Thank You!	3:15				Displace with 82.7	bbls at 6.25b	pm-700#	Plug landed	d at 1000	)#	Release pressure. Float Held.					
Plug Mouse Hole with 20sks.  Thank You!					Displace with 82.7 Release pressure.	Float Held.	pm-700#	Plug landed	d at 1000	)#						
Plug Mouse Hole with 20sks.  Thank You!					Displace with 82.7 Release pressure.	Float Held.	pm-700#	Plug landed	d at 1000	)#						
Thank You!					Release pressure.	Float Held.	pm-700#	Plug landed	d at 1000	)#						
	4:00				Release pressure. Plug Rat Hole with	Float Held.	pm-700#	Plug landed	d at 1000	)#						
					Release pressure. Plug Rat Hole with	Float Held.	ppm-700#	Plug landed	d at 1000	)#						
					Release pressure. Plug Rat Hole with	Float Held.	pm-700#	Plug landed	d at 1000	)#						
					Release pressure. Plug Rat Hole with Plug Mouse Hole v	Float Held.	ppm-700#	Plug landed	d at 1000	)#						