

Surface

TREATMENT REPORT

ACIU	& Cellie				Ç.			Acid Stage N	0.				
					Type Treatment:	Amt.	Type Fluid	Sand Size		Dounds of Co.			
Date 9/25/2019 District GB F.O. No. 50027				Bkdown					Pounds of Sand	1			
Company	Howell Oil		AND THE PROPERTY OF THE PARTY O	11.31.02							+-		
	e & No. Dole #				Bbl./Gal					_			
Location Field						Bbl./Gal					_		
County	Reno		State KS		Flush	Bbl./Gal.							
					T . 16		ft. to		No. ft.	0			
Casing: Size 13 3/8" Type & Wt. 48# Set at					. from		ft. to		No. ft.		_		
Formation:			Perf.	to	from		ft. to		No. ft.		_		
Formation:			Perfto		Actual Volume of	Oil / Water to Load H	lole:			Bbl./G			
Formation			Perf.	to			THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN 1			BDI./G	aı.		
Liner: Si	zeType	& Wt	Top at ft	. Bottom at ft.	Pump Trucks.	No. Used: Std.	320 sn		- .				
Cemented: Yes ▼ Perforated from ft. to				ft. to ft.	Auxiliary Equipme	ent	эр	367	- Iwin -		+		
Tubing:	Size & Wt.		Swung at	ft.		an-Greg-Clarence	9	307					
	Perforated	from	ft. to	ft.									
						g Materials: Type			411		_		
Open Hole	Size	T.D	ft. I	P.B. toft.		,,,,,		Gals.			+		
				The second secon				Gais.		lb.			
Company F	Representative		Larry	R.	Treater		Natha	\A/					
TIME PRESSURES			The second secon	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN			INdtile	in vv.					
a.m./p.m.	Tubing	Casing	Total Fluid Pumped			REMA	RKS						
2:15		13 3/8"		On Location.									
				Hole-308'									
				Pipe-300'									
				1000									
Break circulation with and a state of													
				bi cak circulation	eak circulation with mud pump. Circulate for 30 minutes.								
Mix 200d					sks 60/40poz 2%gel 3%Calcium Chloride 5#/sk Gilsonite.								
				1VIIX 3005KS 60/4	upoz 2%gel	3%Calcium	Chloride 5#	/sk Gilso	nite.				
5:00				Displace with 421									
\neg				Displace with 43	bbis at 6bp	m-400# Circ	ulated cem	ent to sur	face.				
$\overline{}$						25							
-+													
\rightarrow				- 1									
\rightarrow				Thank You!									
-				Nathan W.									
-											\vdash		
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											\sqcup		
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Production
TREATMENT REPORT

									Acid Stage I	Vo.		
Date 10/4/2019 District GB			F.0	. No. 50038	Type Treatment: Amt. Bkdown		Rhl /Gal	7,001.00	Sand Size		Pounds of Sand	i
Company	Howell Oil						Rbl /Gal	7				_
	e & No. Dole #								_			
Location				Bbl./Gal.					_			
County	Reno	Flush		-					_			
							Bbl./Gal.					_
Casing: Size5.5" Type & WtSet atft.					Treated from			to		No. ft.	0	
Formation: Perf.				Set at ft.	from from			to		No. ft.	0	
Formation:					-	OKCUPANI DE SETUDIO	ft.	to	ft.	No. ft.	0	
Formation					Actual Volume of Oil / Water to Load Hole: Bbl./Ga.							
Liner: Siz	-	& \A/+	Perf.									
	emented: Vec	Perforated 6	_ lop atft	Bottom atft.	Pump Trucks. No.	Used:	Std36	55 Sp.		Twin		
Tubing:	Size & Wt	renorated	rom		Auxiliary Equipment			_	360	-		_
	Perforated f	rom	Swung at		Personnel Nathan-C	Greg-C	larence					_
Desired Annual Control	- Citoratea i	TOTAL	ft. to	ft.	Auxiliary Tools							
Open Hole	Siza	Plugging or Sealing Ma	aterials:	Туре								
open note:	3126	T.D.	ft. P	.B. toft.					Gals.		lb.	-
									The second secon		ID.	
Contract and other street	epresentative		Larry I	₹.	Treater			Natha	ın W			
TIME	Total Fluid B.				Treater Nathan W.							
a.m./p.m.	Tubing	Casing	Total Flaid Fulliped		REMARKS							
3:00		5.5"		On Location. Rigi	ng up to run	casin	σ					-
				U	- B - P - CO - Cult	casin	8.					_
				Hole-3520'	Controli	zore 1	1257	2.4.4				
				Pipe-3490'	Centralizers-1,3,5,7,9,11							
				Baffle-3475'	Baskets-2,14							
				barrie-34/3								
5:45				D. I. i. i.								
	Break circulation					mp.	Circulat	e for 1 ho	ur.			
6:50												—
0.50				Pump 600gal of N	∕lud Flush.					-		-
7.00												+
7:00		ks and Mouse	e Hol	e with	Nsks				-			
							C WICH 2	-03K3.				
7:10				Mix 200sks Comm	on 75%C-37	7 750	0/ (11 =	250/6 4	2 420/2			
				Gilsonite.	1011 .7 3 / 0 C - 3 /	./3	70C-41p	.25%C-1	2 12%Sa	It 5#	/sk	
T				Mach out numer								
				Wash out pump a	na lines.							П
				Diomin								\forall
:45			Displace with 84.7bbls at 6.5bpm-700# Plug landed at 1000# Pressure up									
				to 1500# Release	pressure. Flo	oat H	eld.				and ab	\dashv
												\dashv
			7	hank You!								\dashv
												Ц
			1	lathan W.								