

Rec'd 09/28/2020 - NMOCD

Caza Petroleum, Inc.
Sioux 25-36 State Fed Com 13H
Rig: Citadel 2



Production
T-24118
County: Lea
Supervisor: Albino Aguilera

Cementing Job Log						
Date	Time	Description	Rate (BPM)	Volume (BBL)	Pressure (PSI)	Details of Operation and Procedure
04/12/2020	05:00	Called Out				Dispatch contact cement crew with 1130 hard time
04/12/2020	06:30	Load Up For Job				Load 5 1/2 cement head , 5 1/2 LTC and BTC nubbins, notified that booster trailer and 5 1/2 " - 6" crossover on location
04/12/2020	07:45	Conduct Meetings				Conduct convoy meeting with all drivers , discuss routes to be taken and stops to be made
04/12/2020	08:00	Depart For Job				Cement crew depart for location in convoy
04/12/2020	11:00	Arrived on Location				Cement crew on location
04/12/2020	11:01	Equipment Arrives to Location				All equipment on location for cement job
04/12/2020	11:02	Rigs Progress at Arrival				Rig in process of running casing , but stopped due to gas flow issues
04/12/2020	11:10	Discuss Job With Customer				Went over job details with customer , displacement fluid to be used and additives , thread type , verify we have sufficient water volume and chlorides are acceptable
04/12/2020	11:15	Conduct Meetings				Conduct rig up meeting with all hands went over JSA assign jobs to hands
04/12/2020	11:30	Rig Equipment				Rig up equipment for cement job
04/12/2020	12:30	Stand By				Standing by , rig running casing
04/12/2020	16:45	Rig Equipment				Rig down equipment from cement job
04/12/2020	17:30	Casing On Bottom				Rig got casing on bottom , gas issues through out , high pressure had to bull head to get on bottom
04/12/2020	17:45	Job Complete				Job complete customer satisfied
04/12/2020	17:45	Conduct Meetings				conduct jsa meeting prior to installing 5 1/2 cement head
04/12/2020	18:00	Conduct Meetings				Conduct convoy meeting with all drivers , verify equipment secure and vehicles safe to drive, advise hands to contact dispatch if unable to drive
04/12/2020	18:15	Install Cement Head				Install 5 1/2 nes cement head , verify thread type on TIW valve, LTC , secure head with safety chain
04/12/2020	19:00	Rig Circulate Hole				Rig circulate hole through NES 5 1/2 cement head
04/13/2020	10:10	Fill Lines				Fill lines with fw to open top to pressure test
04/13/2020	10:15	Pressure Test			10000	Pressure test pumps and lines to 10000 psi , chart drawn no leaks detected
04/13/2020	10:20	Start Spacer	5	0	1000	Begin pumping 50 bbls of 11.5 ppg gxt spacer with dye , weight verified by mud scale sample takne
04/13/2020	10:36	Spacer Complete	5	50	1000	Finish pumping 50 bbls of 11.5 ppg spacer
04/13/2020	10:37	Start Cement	5.5	0	1000	Begin pumping 445 bbls of 11.5 ppg lead cement , weight verified by mud scales samples taken
04/13/2020	12:19	Cement Complete	5.5	445	1000	Finish pumping 445 bbls of 11.5 ppg lead cement
04/13/2020	12:20	Start Cement	5	0	870	Begin pumping 611 bbls of 14.2 ppg tail cement , weight verified by mud scale samples taken
04/13/2020	14:11	Cement Complete	5.5	611	900	Finish pumping 611 bbls of 14.2 ppg tail cement
04/13/2020	14:12	Shut Down				Shut pumps and lines down to wash out
04/13/2020	14:13	Wash Out Pumps & Lines				Wash out pumps and lines to open top designated by rig
04/13/2020	14:20	Release Plug				Release 6" top wiper plug provided by CM
04/13/2020	14:30	Start Displacement	7	0	450	Begin pumping 577 bbls of calculated FW displacement with KCL additive , first 20 bbls sugar water per CM
04/13/2020	14:48	Caught Cement	7	100	1500	Saw lift pressure at 100 bbls gone of calculated FW displacement ,

450 psi - 1500 psi						
04/13/2020	15:48	Break Down	6	450	3200	Saw cement to surface at 450 bbls gone of calculated displacement , calculated 127 bbls of cement to surface , full returns through out cement job
04/13/2020	16:05	Bump Plug	6	577	4470	Land top 6" wiper plug provided by customer at calculated displacement , final circulating pressure was 3400 psi to 4470 psi
04/13/2020	16:10	Check Floats			4470	Release final pressure from pumps and lines to check floats , floats held got 8 bbls back
04/13/2020	16:15	Conduct Meetings				Conduct pre job safety meeting with all hands , went over job details assign jobs to hands

Cement Heights and Tops			
Slurry Type	Cement Height	Cement Top	
Spacer			
Lead CMT		0	
Tail CMT		10500	
Crew Members			
Field Supervisor	Albino Aguilera		
	Luis Robledo		
Operator	Roberto Kelly		
	Hector Orozco		
Bulk Hand	Marco Gutierrez		
Casing Information			
	Previous Casing	Hole & Casing Info	
Hole Size 1		8.5	
MD:		22005	
TVD:		11908	
Casing Size	9.625	6.000	
Casing Grade		P110	
Casing Length	9150	21948	
Casing Weight	40.00	24.500	
Casing ID		5.200	
DV Tool			
Shoe Joint		90	
Burst Pressure		11152	
Cement Returns		127	
Mud Info		Water Info	
Type	OBM	PH	7
Weight	9.5	Chlrd	300
		Temp	70

Spacer					
	PPG		YLD	41.88	H2O
			1	lb/bbl	GXT Spacer
			5	lb/bbl	CPT-503P
			2	lb/bbl	Citric Acid
			174.31	lb/bbl	Barite
			5	lb/bbl	HoleScrub
			0.1	gal/bbl	V100L
Lead CMT					
11.5	PPG	2.23	YLD	11.94	H2O
			1120	Sacks	50/50 Poz H
			5	bwow	Sodium Chloride (Salt)
			7	%	Bentonite Gel
			0.3	%	CPT-19
			0.3	%	CPT-30
			0.8	%	CPT-45
			0.4	%	CPT-503P
			0.25	lbs/sk	Cellophane Flakes
			3	lbs/sk	Kol Seal
			0.3	%	CPT-20A
			0.3	%	Citric Acid
Tail CMT					
14.2	PPG	1.18	YLD	4.86	H2O
			2905	Sacks	35/65 Poz H
			2	%	Bentonite Gel
			0.5	%	CPT-30
			0.1	%	D-3
			0.3	%	CPT-45
			0.4	%	CPT-23

