

Caza Petroleum, Inc.
Sioux 35-24 State Com 10H
Rig: Citadel 2



Production
T-25192
County: Lea
Supervisor: Roberto Garcia

Cementing Job Log

Date	Time	Description	Rate (BPM)	Volume (BBL)	Pressure (PSI)	Details of Operation and Procedure
07/24/2020	12:00	Called Out				Called for XTO production 1800 Hard time
07/24/2020	14:00	Load Up For Job				Loading auxiliary equipment at Hobbs Yard.
07/24/2020	15:00	Conduct Meetings				Journey management meeting. Driver performing a 360 walk around inspection, checking load sheets and chemicals list.
07/24/2020	15:25	Depart For Job				DEparting Hobbs Nm
07/24/2020	16:30	Arrived on Location				ALI NES equipment arrived to location.
07/24/2020	16:35	Rigs Progress at Arrival				Rig running casing 3,000 ft TIH
07/24/2020	17:00	Discuss Job With Customer				Information provided by Co Man. TD.-22,209' TP.-22,192' F/C.-22,185' O/H.- 8.5 C.- 6" 24.5# P-110 P/C.- 9 5/8" at 8,419' TVD.- 12,423' TOE Sleeve.- 22,173' plug provided by customer ,Using NES 6" to 5 1/2" crossover,Fresh water displacement W/3% KCL.
07/24/2020	17:30	Conduct Meetings				NES rigging up meeting.
07/24/2020	18:00	Rig Equipment				Spot equipment rigging up ground.
07/24/2020	19:00	Other				Priming up pumps, Batch mixer, test transfers pumps water behind rig using NES transfer trailer and Rig transfer pump
07/24/2020	21:00	Mix Spacer				Hydrating GTX to start mixing barite.
07/24/2020	21:30	Other				Spacer mixed weighed at 11.5 ppg via electronic micromotion verified by pressurized mud scale.
07/24/2020	21:40	Conduct Meetings				Dog house JSA job execution description with all parties involved ...
07/24/2020	22:00	Other				Swap lines to cement pump standpipe
07/24/2020	22:15	Pressure Test			10000	Line up valves to pressure test steel lines
07/24/2020	22:20	Fill Lines	3	0	100	Flood lines to open top trough wash up hoses,
07/24/2020	22:25	Start Spacer	3.5	0	300	Starting pumping GXT spacer wet sample weighed at 11.5 ppg
07/24/2020	22:50	Spacer Complete	4	50	300	GXT spacer compleed.
07/24/2020	22:51	Start Cement	6	0	800	Starting lead cement weighed via electronic micromotion verified by pressurized scale 11.5 ppg
07/24/2020	23:50	Cement Complete	4	367	800	Cement completed.
07/24/2020	23:51	Start Cement	5	0	850	Pumping Tail cement weighed via electronic micromotion verified by pressurized mud scale at 14.2 ppg
07/25/2020	01:20	Cement Complete	3	618	300	Tail cement completed.
07/25/2020	01:23	Wash Out Pumps & Lines	30	0	100	Manifold valves lined up to wash up pump and lines.
07/25/2020	01:27	Load Plug				Loading double latch plug provided by Gryphon technologies.
07/25/2020	01:30	Start Displacement	7.6	0	300	Starting fresh water displacement pumping F/W mixed with CPT-21L (cement retarder)
07/25/2020	01:35	Switch Displacement Fluid	7.5	20	300	Pumpig F/W mixed with 3 % KCL requested by customer
07/25/2020	01:50	Caught Cement	7.6	110	800	Hydrostatic lift pressure (caught Lift) pressure from 300 up to 800 psi
07/25/2020	02:20	Other	7.5	420	2875	COntaminated GXT spacer circulating back to surface.
07/25/2020	02:35	Other	7.5	470	3200	Contaminated cement circulating back to surface

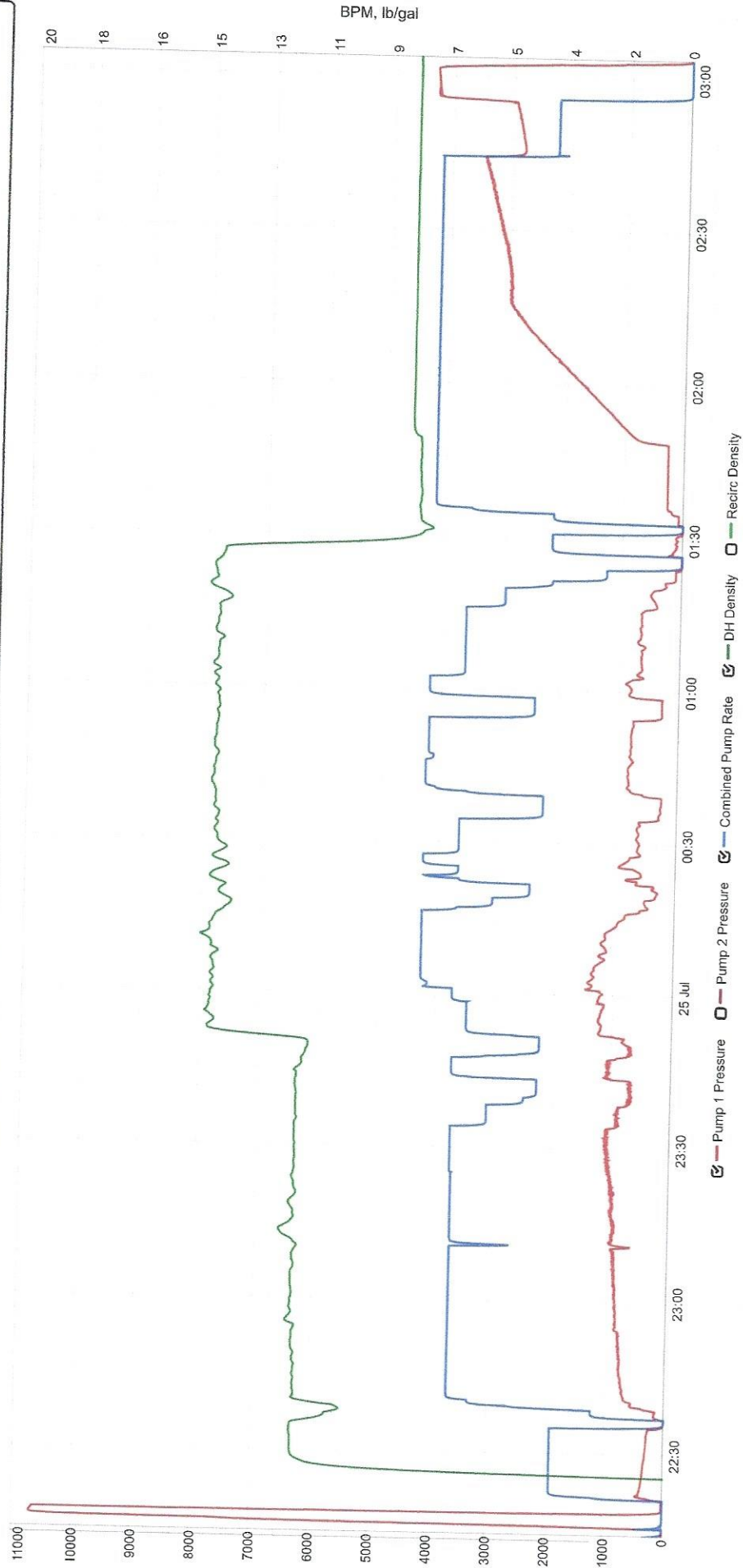
07/25/2020	03:00	Bump Plug	4	583	4300	Plug landed pressure at 3,400 psi bump it up to 4,300 spi
07/25/2020	03:05	Check Floats				open bleeders 8 1/2 Bbl back plug latched and holding.
07/25/2020	03:15	Conduct Meetings				NES Rig down meeting.
07/25/2020	03:25	Other				Rigging down.
07/25/2020	04:00	Job Complete				Job completed circulating 113 Bbl of lead cement back to surface (284 Sacks).
07/25/2020	04:30	Conduct Meetings				Journey management meeting,drivers performing a 360 walk around equipment inspection.
07/25/2020	04:45	Other				Departing Location.

Cement Heights and Tops			
Slurry Type	Cement Height	Cement Top	
Spacer			
Lead CMT		0	
Tail CMT		5550	
Crew Members			
Field Supervisor	Roberto Garcia		
Operator	Roberto Kelly		
Bulk Hand	CHRISTIAN CORNEJO		
Bulk Hand	Hector Lopez		
Bulk Hand	Sergio Flores		
Bulk Hand	ILIAN SABORI		
Casing Information			
	Previous Casing	Hole & Casing Info	
Hole Size 1		8.5	
MD:		22150	
TVD:		12000	
Casing Size	9.625	6.000	
Casing Grade		P-110	
Casing Length	9130	45	
Casing Weight	40.00	24.500	
Casing ID		5.200	
DV Tool			
Shoe Joint		90	
Burst Pressure	10264		
Cement Returns	113		
Mud Info		Water Info	
Type	OBM	PH	8
Weight	11.2	Chlrd	1000
		Temp	70

Spacer					
	PPG		YLD	41	H2O
			1.25	lb/bbl	GXT Spacer
			0.1	gal/bbl	CPT-503L
			2	lb/bbl	Citric Acid
			175	lb/bbl	Barite
			1.5	gal/bbl	Plexaid 830L
Lead CMT					
11.5	PPG	2.23	YLD	11.93	H2O
			925	Sacks	50/50 Poz H
			5	bwow	Sodium Chloride (Salt)
			7	%	Bentonite Gel
			0.5	%	CPT-19
			0.8	%	CPT-45
			0.4	%	CPT-503P
			0.25	lbs/sk	Cellophane Flakes
			3	lbs/sk	Kol Seal
			0.25	%	CPT-20A
			0.25	%	Citric Acid
Tail CMT					
14.2	PPG	1.18	YLD	4.87	H2O
			2940	Sacks	35/65 Poz H
			2	%	Bentonite Gel
			0.5	%	CPT-30
			0.1	%	D-3
			0.3	%	CPT-45
			0.55	%	CPT-23

Caza Petroleum

Sioux 35-24 St C 10H



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Date	Flag	Total	Description
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