

County or Parish/State: LEA / NM

Allottee or Tribe Name:

Unit or CA Number:

Operator: CAZA OPERATING
LLC

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Signed on: JAN 14, 2021 05:22 AM

Title: Engineer

City: MIDLAND

State: TX

Phone: (432) 638-8475

Email address: NOT ENTERED

Representative Name: STEVE MORRIS

Street Address: 200 N. LORRAINE ST 1550

City: MIDLAND

State: TX

Zip: 79701

Phone: (985)415-9729

Email address: steve.morris@morcoreengineering.com

BLM POC Name: ZOTA M STEVENS

BLM POC Phone: 5752345998

Disposition: Accepted

Signature: zstevens@gmail.com

BLM POC Title: Petroleum Engineer

BLM POC Email Address: ZSTEVENS@BLM.GOV

Disposition Date: 01/15/2021

Caza Petroleum, Inc.
Comanche 25-36 Fed State 4H
Rig: Citadel 4



Surface
T-27321
County: Lea
Supervisor:

Cementing Job Log

Date	Time	Description	Rate (BPM)	Volume (BBL)	Pressure (PSI)	Details of Operation and Procedure
01/07/2021	11:00	Called Out				crew called in for surface casing cement job for caza
01/07/2021	12:30	Load Up For Job				load up and verify equipment and materials needed for the job
01/07/2021	13:10	Conduct Meetings				conduct journey management and pre trip rituals
01/07/2021	13:30	Depart For Job				team departs hobbs yard for comanche lease
01/07/2021	15:00	Arrived on Location				crew arrives to location
01/07/2021	15:05	Rigs Progress at Arrival				rigging in casing crew
01/07/2021	15:10	Conduct Meetings				conduct jsa for spotting in equipment and rigging up
01/07/2021	15:30	Rig Equipment				rig in iron and lines for cement job
01/07/2021	18:30	Discuss Job With Customer				discuss cement job particulars, get numbers
01/07/2021	21:07	Casing On Bottom				casing td reached
01/07/2021	21:35	Rig Circulate Hole	9.5	220	189	rig circulates through crt
01/07/2021	22:30	Install Cement Head				stab cement plug container and crossover as well as rig floor iron
01/07/2021	22:37	Conduct Meetings				conduct jsa for surface casing cement job, discuss pump schedule, hazards and contingency plans
01/07/2021	22:51	Fill Lines		3		fill lines with fw for pressure test
01/07/2021	22:53	Pressure Test			2520	pressure test to 80% of casing burst factor
01/07/2021	22:57	Start Spacer	2		57	start fw spacer of 30 bbls w/dye
01/07/2021	23:10	Spacer Complete	2	30	70	fw spacer complete
01/07/2021	23:12	Start Cement	5		400	start lead slurry of 151 bbls at 12.8 ppg verified by scales
01/07/2021	23:43	Cement Complete	2	151	125	lead slurry complete
01/07/2021	23:44	Start Cement	5		430	start tail slurry of 75 bbls at 14.8 ppg verified by scales
01/07/2021	23:59	Cement Complete	2	75	106	tail slurry complete
01/08/2021	00:00	Shut Down				shut down pumps
01/08/2021	00:02	Decrease Rate	3	125	380	slow rate to land plug
01/08/2021	00:02	Release Plug				release pre loaded 13.375 non rotating plug
01/08/2021	00:04	Start Displacement	7		430	start calculated displacement of 152 bbls fw
01/08/2021	00:12	Other	7	60	460	cement to surface
01/08/2021	00:28	Bump Plug	2	152	900	plug landed with final circulating pressure of 380
01/08/2021	00:33	Check Floats		0.5		check floats, pressure was dropping quickly 5 psi per second, floats hold
01/08/2021	00:42	Pressure Test	1	0.2	1700	close 2" valves at back of pump and pressure up to test pump, pressure started dropping quickly until air was worked out then continued to drop about .5-1 psi per second
01/08/2021	00:52	Release Pressure				release pressure through pump, then open back up to well
01/08/2021	00:55	Pressure Up	0.8	0.3	1200	pressure up on well to 1200 psi and close in valves on cement

					head
01/08/2021	01:07	Check Floats		0.5	check floats and release pressure through pump, line pressure between cement head and pump pressure was holding and only dropping by .2 psi a second . when well was opened up, well pressure was at 787 at the point we released it through the pump
01/08/2021	01:10	Conduct Meetings			conduct jsa for rigging down pumps and lines
01/08/2021	01:10	Job Complete			13.375 casing cement job complete, casing was leaking near mandrill in cellar
01/08/2021	01:20	Rig Equipment			rig down pumps and lines
01/08/2021	02:45	Conduct Meetings			conduct journey management for pre departure of convoy
01/08/2021	03:00	Other			convoy departs comanche lease with no intended stops

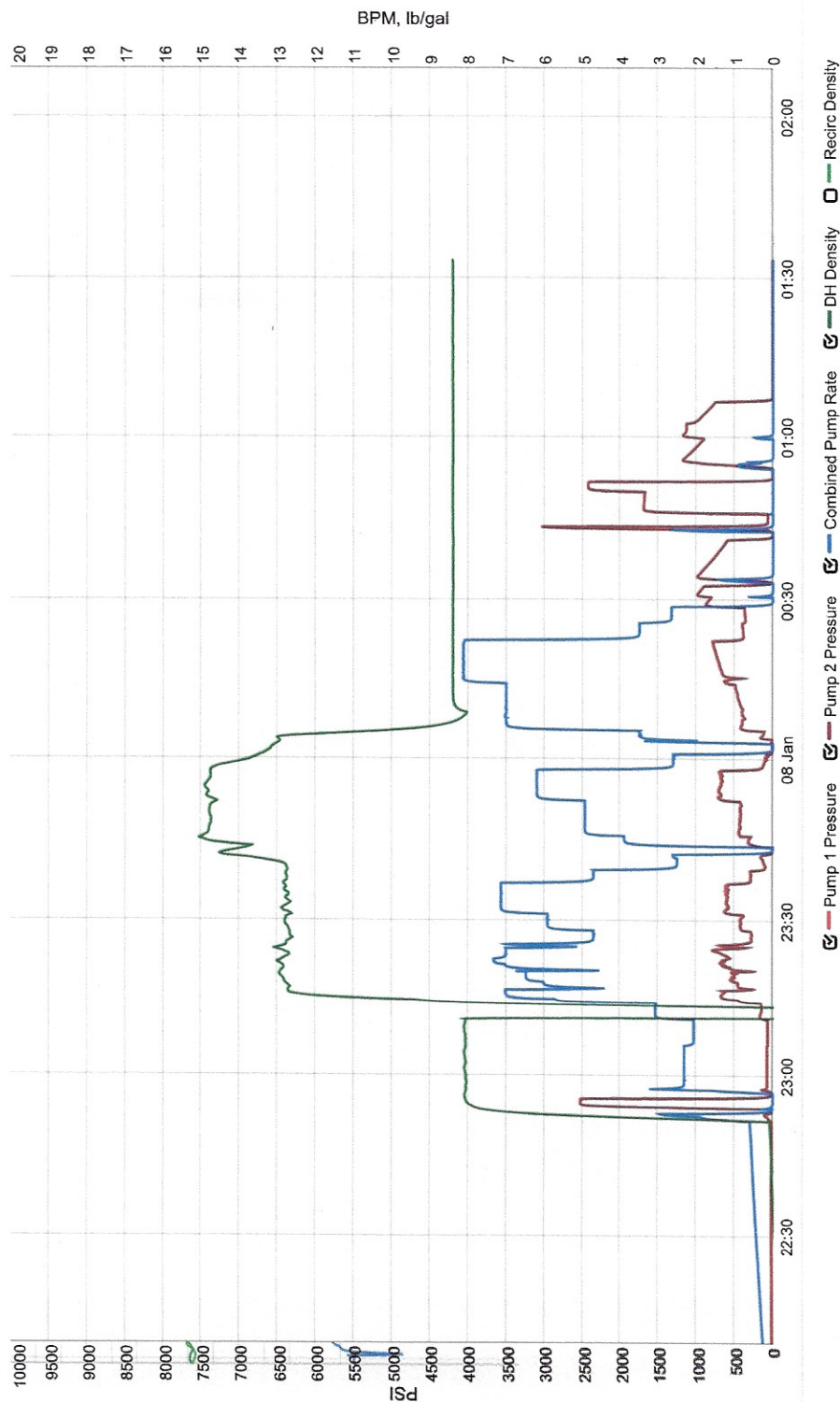
Cement Heights and Tops			
Slurry Type		Cement Height	Cement Top
Spacer			
Lead CMT			0
Tail CMT			700
Crew Members			
Casing Information			
		Previous Casing	Hole & Casing Info
Hole Size 1			17.5
MD:			1030
TVD:			1030
Casing Size		20.000	13.375
Casing Grade			j55
Casing Length		120	1030
Casing Weight		94.00	54.50
Casing ID			12.615
DV Tool			
Shoe Joint			45
Burst Pressure		2184	
Cement Returns		92	
Mud Info		Water Info	
Type	WBM	PH	7
Weight	9	Chlrd	275
		Temp	55

Spacer					
	PPG		YLD		H2O
Lead CMT					
12.8	PPG	1.65	YLD	8.2	H2O
			515	Sacks	35/65 Poz C
			3	bwow	Sodium Chloride (Salt)
			6	%	Bentonite Gel
			0.4	%	CPT-503P
Tail CMT					
14.8	PPG	1.33	YLD	6.32	H2O
			315	Sacks	Class C Cement

Crest Pumping Technologies

Caiza Petroleum

T27321



Events

Date	Flag	Total	Description
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Caza
Petroleum

(* = Auto Calc.)

****type "out" in comments to remove jt from calculations**

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 14851

CONDITIONS OF APPROVAL

Operator: CAZA OPERATING, LLC Suite 1550 Midland, TX79701	200 N Loraine St	OGRID: 249099	Action Number: 14851	Action Type: C-103N
OCD Reviewer plmartinez	Condition None			