

Well Name: COMANCHE 25-36 FED STATE COM	Well Location: T26S / R35E / SEC 25 / NWNE / 32.020502 / -103.3175249	County or Parish/State: LEA / NM
Well Number: 1H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:
US Well Number: 300254744900X1	Well Status: Drilling Well	Operator: CAZA OPERATING LLC

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Drilling Operations
Date Sundry Submitted: 03/18/2021	Time Sundry Submitted: 05:44
Date Operation Actually Began: 03/11/2021	

Actual Procedure: Drilled 8.5" pilot hole to 13,305'MD. Ran logs and rotary sidewall cores. Cement pilot hole. Plug 1 - 12,370' - 13,305' Plug 2 - 11,435' - 12,370' Plug 3 - 10,500' - 11,435' Sidetrack off plug 3 at 10,514'MD.

SR Attachments

PActual Procedure

Caza_Petroleum__Inc._Comanche_25_36_Fed_State_1H_Citadel_4_Job_Log_20210318053711.pdf

Operator Certification

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.

Operator Electronic Signature: MORRIS	Signed on: MAR 18, 2021 05:37 AM
Name: CAZA OPERATING LLC	
Title: Engineer	
Street Address: 200 N. Loraine Street, Suite 1550	
City: Midland	State: TX
Phone: (432) 682-7424	
Email address: NOT ENTERED	

Field Representative

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@morcorengineering.com		

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BLM Point of Contact

BLM POC Name: Jonathon W Shepard

BLM POC Phone: 5752345972

Disposition: Accepted

Signature: Jonathon Shepard

BLM POC Title: Petroleum Engineer

BLM POC Email Address: jshepard@blm.gov

Disposition Date: 03/18/2021

Caza Petroleum, Inc.
Comanche 25-36 Fed State 1H
Rig: Citadel 4



KOP
T-28298
County: Lea
Supervisor: Enrique Vallejo

Cementing Job Log

Date	Time	Description	Rate (BPM)	Volume (BBL)	Pressure (PSI)	Details of Operation and Procedure
03/10/2021	11:45	Called Out				Called out by Dennis M. Caza Citadel 4 Plug Hardtime 17:00 hrs.
03/10/2021	12:30	Load Up For Job				Checked paperwork and equipment.
03/10/2021	14:00	Conduct Meetings				Conducted journey management meeting.
03/10/2021	14:30	Depart For Job				Departed with crew to location.
03/10/2021	16:30	Arrived on Location				Arrived on location with crew.
03/10/2021	16:35	Rigs Progress at Arrival				Rig TIH with DP.
03/10/2021	16:45	Discuss Job With Customer				TD 13305ft, DP 5 inch 20# 12285ft, 1st plug 12285 drill pipe 987 tubing, 2nd plug 11090ft drill pipe 987tubing, 3rd plug drill pipe 10025ft 987ft tubing, Tubing 2 7/8 7.8# 987ft, Open hole 8 1/2, Previous casing 9 5/8 47# at 9360ft, Mud weight 10.3# brine, Displace 10.3# brine.
03/10/2021	16:55	Conduct Meetings				Conducted spotting equipment & rig up safety meeting with crew.
03/10/2021	18:00	Casing On Bottom				Rig on bottom with drill pipe.
03/10/2021	18:15	Rig Circulate Hole	10.5		1500	Rig circulate hole.
03/10/2021	21:30	Conduct Meetings				Conducted cement job execution safety meeting.
03/10/2021	21:59	Fill Lines	3	5	180	Fill lines with fresh water.
03/10/2021	22:01	Pressure Test			5850	Good test.
03/10/2021	22:06	Start Spacer	3	1	60	Spacer to open top.
03/10/2021	22:14	Start Spacer	4	5	320	GXT spacer 12#.
03/10/2021	22:18	Spacer Complete	4	14.5	490	GXT spacer complete.
03/10/2021	22:19	Start Cement	4	5	300	Plug cement 17.5# 426 sacks Class H Thickening time 6:05hrs.
03/10/2021	22:50	Cement Complete	2	72	193	Plug#1 cement complete.
03/10/2021	22:51	Start Spacer	2	1	115	GXT spacer behind
03/10/2021	22:53	Spacer Complete	2	5.5	45	Spacer behind complete.
03/10/2021	22:54	Start Displacement	5	5	350	Mud 10.3# brine.
03/10/2021	22:56	Increase Rate	6	15	276	Displacement.
03/10/2021	23:25	Shut Down	6	187	405	Caught pressure.
03/10/2021	23:26	Pressure Up	6	187	405	Caught pressure, per CM keep pumping.
03/10/2021	23:27	Decrease Rate	3	188	400	Slow rate.
03/10/2021	23:48	Shut Down	3	207	615	Done with displacement.
03/11/2021	00:15	Other				Rig TOH with wet drill pipe.
03/11/2021	00:25	Stand By				Standby for 2nd plug.
03/11/2021	02:30	Other				Start 2nd plug.
03/11/2021	02:50	Fill Lines	3	5	95	Fill lines with fresh water.

03/11/2021	02:51	Pressure Test			5845	Good test.
03/11/2021	02:55	Start Spacer		5		GXT spacer 12#.
03/11/2021	03:02	Start Spacer	1	1	35	Spacer to open top.
03/11/2021	03:05	Start Spacer	4	5	750	GXT 12# spacer.
03/11/2021	03:08	Spacer Complete	4	14.5	690	GXT spacer complete.
03/11/2021	03:09	Start Cement	4	5	705	Plug #2 cement 17.5# 426 sacks Class H Thickening time 6:05hrs.
03/11/2021	03:28	Cement Complete	2	72	266	Cement complete.
03/11/2021	03:29	Start Spacer	4	1	86	GXT 12# spacer behind.
03/11/2021	03:30	Spacer Complete	4	5.5	86	Spacer behind complete.
03/11/2021	03:31	Start Displacement	5	5	220	Mud 10.3# brine.
03/11/2021	04:05	Decrease Rate	3	150	38	Slow rate 150 gone.
03/11/2021	04:19	Pressure Up	3	182	125	Caught pressure.
03/11/2021	04:20	Release Pressure				Release pressure.
03/11/2021	04:20	Release Pressure				Shutdown and release pressure.
03/11/2021	04:30	Other				Rig TOH dry drill pipe
03/11/2021	04:35	Wash Out Pumps & Lines				Wash pumps to open top.
03/11/2021	04:55	Shut Down				Done with 2nd plug.
03/11/2021	05:00	Stand By				Stand by for 3rd plug.
03/11/2021	06:00	Other				Standby wait for cement to set, CM ordered 650 sacks & 40bbls of spacer for the 4th plug.
03/11/2021	12:01	Other				Cement delivered for Plug #4.
03/11/2021	13:15	Other				CM said for 4th plug cement to standby.
03/11/2021	15:50	Other				Rig is ready for 3rd plug.
03/11/2021	16:00	Conduct Meetings				Conducted cement job execution & safety meeting with Caza, Citadel and Nine energy.
03/11/2021	16:10	Start Cement				Plug#3 426 sacks
03/11/2021	16:22	Fill Lines	3	5	75	Fill lines lines with fresh water.
03/11/2021	16:23	Pressure Test			5700	Good test.
03/11/2021	16:30	Start Spacer	1	1	45	Spacer to open top.
03/11/2021	16:31	Start Spacer	4	5	500	GXT 12# spacer.
03/11/2021	16:31	Spacer Complete	4	29	413	GXT spacer complete.
03/11/2021	16:32	Start Cement	4	5	543	Plug cement 17.5# 426 sacks Class H Thickening time 6:05hrs.
03/11/2021	16:55	Cement Complete	4	72	310	Cement complete.
03/11/2021	16:56	Start Spacer	4	5	125	Spacer behind GXT12#.
03/11/2021	16:58	Spacer Complete	4	11	86	Spacer behind complete.
03/11/2021	16:59	Start Displacement	5	5	145	Mud 10.3# brine.
03/11/2021	17:30	Decrease Rate	3	140	20	Slow rate.
03/11/2021	17:36	Pressure Up	3	164	120	Caught pressure.
03/11/2021	17:37	Release Pressure				Release pressure.
03/11/2021	17:45	Other				Rig TOH with dry drill pipe.

03/11/2021	17:50	Wash Out Pumps & Lines				Wash pumps to open top.
03/11/2021	18:15	Conduct Meetings				Conducted rig down safety meeting with crew.
03/11/2021	19:30	Complete				Rig down complete.
03/11/2021	19:40	Conduct Meetings				Conducted journey management meeting with crew.
03/11/2021	20:00	Job Complete				Crew off location.

Cement Heights and Tops			
Slurry Type	Cement Height	Cement Top	
Spacer			
Spacer			
Spacer			
Plug	1105	12370	
Plug	1105	11435	
Plug	1105	10500	
Plug		11435	
Crew Members			
Field Supervisor	Enrique Vallejo		
Operator	Dusty Farr		
Bulk Hand	Brazier Talley		
Bulk Hand	Rudy Leon		
	Hector Orozco		
	Russell Meyers		
Casing Information			
	Previous Casing	Hole & Casing Info	
Hole Size 1		8.5	
MD:		13305	
TVD:		13305	
Casing Size	9.625		
Casing Weight	47.00		
Casing ID			
DV Tool			
Shoe Joint			
Burst Pressure			
Cement Returns	0		
Mud Info		Water Info	
Type	OBM	PH	
Weight	10.7	Chlrd	
		Temp	

Spacer					
	PPG		YLD	16.43	H2O
			1	lb/bbl	GXT Spacer
			0.1	gal/bbl	CPT-41L
			5	lb/bbl	CPT-503P
			2	lb/bbl	Citric Acid
			197.389	lb/bbl	Barite
Plug					
17.5	PPG	0.95	YLD	3.42	H2O
			426	Sacks	Class H Cement
			5	bwow	Sodium Chloride (Salt)
			0.3	%	CPT-30
			0.4	%	CPT-23
Spacer					
	PPG		YLD	16.43	H2O
			1	lb/bbl	GXT Spacer
			0.1	gal/bbl	CPT-41L
			5	lb/bbl	CPT-503P
			2	lb/bbl	Citric Acid
			197.389	lb/bbl	Barite
Plug					
17.5	PPG	0.95	YLD	3.42	H2O
			426	Sacks	Class H Cement
			5	bwow	Sodium Chloride (Salt)
			0.3	%	CPT-30
			0.4	%	CPT-23
Plug					
17.5	PPG	0.95	YLD	3.42	H2O
			426	Sacks	Class H Cement
			5	bwow	Sodium Chloride (Salt)
			0.3	%	CPT-30
			0.4	%	CPT-23
Spacer					
	PPG		YLD	32.86	H2O
			1	lb/bbl	GXT Spacer
			0.1	gal/bbl	CPT-41L
			5	lb/bbl	CPT-503P
			2	lb/bbl	Citric Acid
			197.389	lb/bbl	Barite
Plug					
17.5	PPG	0.95	YLD	3.42	H2O
			650	Sacks	Class H Cement
			5	bwow	Sodium Chloride (Salt)
			0.3	%	CPT-30
			0.4	%	CPT-23

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 21322

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
CAZA OPERATING, LLC 200 N Loraine St Suite 1550 Midland, TX79701	249099	21322	C-103Z
OCD Reviewer	Condition		
ksimmons	None		