



Customer: Caza Petroleum, Inc.
 Lease: Mad River 13 State
 Well #: ~~401111~~
 Job Type: Surface
 Date: 07/18/2022

Rig Number:
 County:
 Ticket No.:
 Supervisor:
 Service Point:

Citadel 4
 Eddy
 T-39046
 Cody Reeves
 Cementing - Hobbs, NM

QTY	Unit of Measure	Description of Product	Unit Price	Amount	Discount	Net Amount
Service Charges						
1	Each	Pump Down Casing 0000 - 1000	\$2,851.20	\$2,851.20	79.00%	\$598.75
1	Per Day	Head & Manifold Rental	\$680.40	\$680.40	79.00%	\$142.88
1	Per Job	Densometer	\$583.20	\$583.20	79.00%	\$122.47
1	Per Job	Environmental Surcharge	\$842.40	\$842.40	50.00%	\$421.20
1	Per Job	Labor Surcharge	\$842.40	\$842.40	0.00%	\$842.40
1	Per Job	Supervisor Job Bonus	\$1,020.60	\$1,020.60	50.00%	\$510.30
1	Per Day	Circulating Iron & Swage	\$2,980.80	\$2,980.80	79.00%	\$625.97
1	Each	Fuel Surcharge	\$1,575.00	\$1,575.00	0.00%	\$1,575.00
Services Subtotal				\$11,376.00		\$4,838.97

QTY	Unit of Measure	Description of Product	Unit Price	Amount	Discount	Net Amount
Mileage And Delivery						
360	Unit/Mile	Heavy Equipment Mileage	\$9.97	\$3,589.20	79.00%	\$753.73
240	Unit/Mile	Pickup Mileage	\$5.67	\$1,360.80	79.00%	\$285.77
1330	CU FT	Bulk Service Charge	\$2.59	\$3,444.70	79.00%	\$723.39
2820	Ton Mile	Product Delivery Charge	\$3.24	\$9,136.80	79.00%	\$1,918.73
3	Unit Hour	Pumping Equipment Standby	\$1,458.00	\$4,374.00	50.00%	\$2,187.00
6	Unit Hour	Bulk Equipment Standby	\$486.00	\$2,916.00	50.00%	\$1,458.00
Mileage And Delivery Subtotal				\$24,821.50		\$7,326.62

Description	Date	Time
Call Out Time:	07/17/2022	22:17
Time Request On Location:	07/18/2022	05:00
Arrive On Location:	07/18/2022	04:45
Start Job:	07/18/2022	12:59
Job Complete:	07/18/2022	15:30
Depart Location:	07/18/2022	16:00

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Customer: Caza Petroleum, Inc.
Lease: Mad River 13 State
Well #: ~~40-H 11H~~
Job Type: Surface
Ticket No.: T-39046

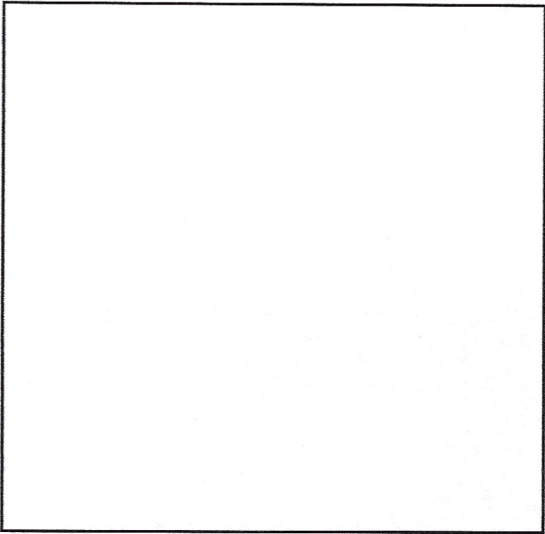
QTY	Unit of Measure	Description of Product	Unit Price	Amount	Discount	Net Amount
1000	Sacks	Class C Cement	\$46.27	\$46,270.00	79.00%	\$9,716.70
20	Gallons	CPT-503L	\$117.51	\$2,350.20	79.00%	\$493.54
Materials				\$48,620.20		\$10,210.24

	Gross Amount	Discount Amount	Net Amount
Totals	\$84,817.70	\$62,441.87	\$22,375.83



Customer: Caza Petroleum, Inc.
Lease: Mad River 13 State
Well #: ~~10-H-11-H~~
Job Type: Surface
Ticket No.: T-39046

	Gross Amount	Discount Amount	Net Amount
Totals	\$84,817.70	\$62,441.87	\$22,375.83
Customer Stamp Below			



Caza Petroleum, Inc.
Mad River 13 State 10 H
Rig: Citadel 4



Surface
T-39046
County: Eddy
Supervisor: Cody Reeves

Cementing Job Log

Date	Time	Description	Rate (BPM)	Volume (BBL)	Pressure (PSI)	Details of Operation and Procedure
07/17/2022	05:00	On Location Time				
07/17/2022	22:00	Called Out				HARD TIME WAS 05:00
07/18/2022	00:00	Load Up For Job				LOADED EVERYTHING FOR THE JOB
07/18/2022	03:00	Conduct Meetings				JOURNEY MANAGEMENT
07/18/2022	03:15	Depart For Job				
07/18/2022	04:45	Arrived on Location				
07/18/2022	04:50	Rigs Progress at Arrival				RIG WAS PULLING DRILL PIPE
07/18/2022	04:55	Conduct Meetings				JSA FOR RIGGING UP AND SPOTTING TRUCKS
07/18/2022	05:00	Discuss Job With Customer				FOUND THEY HAD A TD OF 755 FT AND 749FT OF 13 3/8 54.5# J-55 CASING WITH A 42FT SHOE JOINT AND A 17 1/2 OPEN HOLE AND A PREVIOUS CASING OF 20' 94# SET @ 145FT WERE DISPLACING WITH FRESH WATER AND USING THEIR PLUG AND CUSTOMER REQUESTED DYE IN SPACER
07/18/2022	07:30	Other				RIGGING UP CASING CREW
07/18/2022	11:30	Casing On Bottom				
07/18/2022	11:50	Install Cement Head				STABBED CEMENT HEAD FOR RIG TO CIRCULATE
07/18/2022	12:00	Rig Circulate Hole				RIG CIRCULATED HOLE
07/18/2022	12:10	Conduct Meetings				SAFETY MEETING
07/18/2022	12:57	Fill Lines				3 BBLs AHEAD
07/18/2022	12:59	Pressure Test				TESTED LINES
07/18/2022	13:04	Start Spacer	4	0	170	FRESH WATER SPACER WITH DYE AS PER CUSTOMER
07/18/2022	13:11	Spacer Complete	4	30	170	FRESH WATER SPACER
07/18/2022	13:12	Start Cement	4	0	320	TAIL CEMENT @ 14.8 PPG VERIFIED BY MUD SCALES
07/18/2022	14:06	Cement Complete	4	237	320	TAIL CEMENT @ 14.8 PPG
07/18/2022	14:07	Other				DROPPED PLUG ON THE FLY
07/18/2022	14:08	Start Displacement	4	0	70	FRESH WATER DISPLACEMENT
07/18/2022	14:10	Caught Cement	4	10	220	CAUGHT LIFT PRESSURE WENT FROM 70-220 PSI
07/18/2022	14:17	Other	4	40	290	GOT CEMENT BACK TO SURFACE WITH 40 BBLs GONE INTO DISPLACEMENT WHICH GAVE US BACK 69 BBLs WHICH IS 291 SACKS
07/18/2022	14:30	Decrease Rate	3	90	300	SLOWED TO LAND PLUG
07/18/2022	14:36	Bump Plug				LANDED PLUG PRESSURE WENT FROM 340-950PSI
07/18/2022	14:41	Check Floats				CHECKED FLOATS AND THEY HELD
07/18/2022	14:50	Conduct Meetings				JSA FOR RIGGING DOWN
07/18/2022	15:45	Conduct Meetings				JOURNEY MANAGEMENT

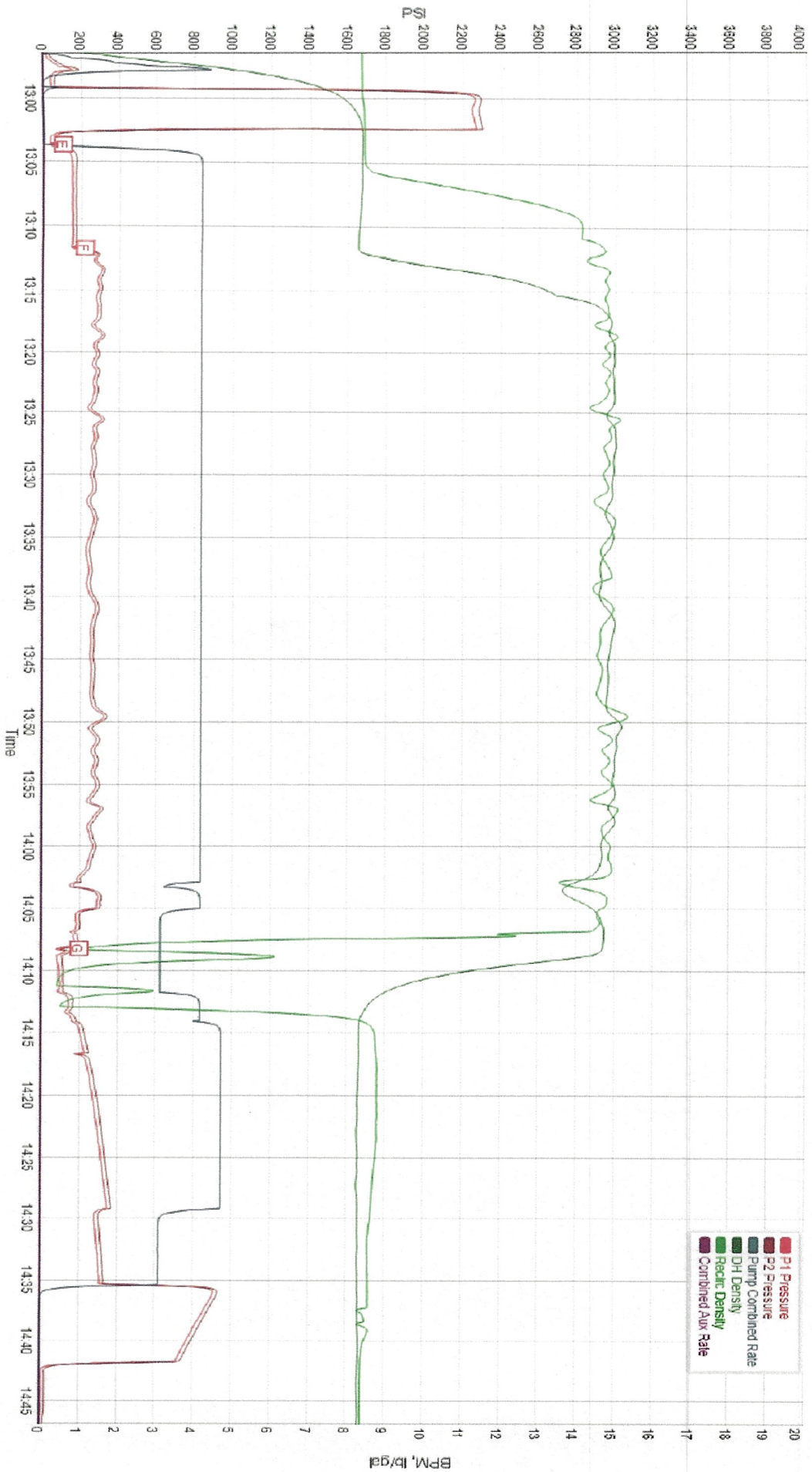
07/18/2022	16:00	Other				DEPART FOR THE YARD
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Cement Heights and Tops			
Slurry Type	Cement Height	Cement Top	
Spacer			
Tail CMT	749	0	
Crew Members			
Field Supervisor	Cody Reeves		
	Juan Perez		
Bulk Hand	Andres Morales		
Bulk Hand	Jonathan Valenzuela		
Casing Information			
	Previous Casing	Hole & Casing Info	
Hole Size 1		17.5	
MD:		755	
TVD:		755	
Casing Size	20.000	13.375	
Casing Grade		J-55	
Casing Length	145	749	
Casing Weight	94.00	54.50	
Casing ID		12.615	
DV Tool			
Shoe Joint		42	
Burst Pressure	2184		
Cement Returns	69		
Mud Info		Water Info	
Type	WBM	PH	7
Weight	8.4	Chlrd	250
		Temp	82

Spacer					
	PPG		YLD		H2O
Tail CMT					
14.8	PPG	1.33	YLD	6.32	H2O
			1000	Sacks	Class C Cement

12:56 PM — 2:46 PM Jul 18, 2022
Customer Name: CAZA Well ID: MAD RIVER 13 ST 40H

Ticket Number: None



Submit a Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-49642
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. Mad River 13 State Com
7. Lease Name or Unit Agreement Name
8. Well Number 11H
9. OGRID Number 249099
10. Pool name or Wildcat Purple Sage; Wolfcamp

<p>SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)</p>	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Caza Oil and Gas, Inc	
3. Address of Operator 200 N. Lorraine St #1550., Midland, TX 79701	
4. Well Location Unit Letter P ; 632 feet from the South line and 235 feet from the East line Section 13 Township 24S Range 27E NMPM County Eddy	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3103'GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input checked="" type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.


7/18/2022 - Drilled 17.5" hole to 755'. Ran 13.375" 54.5# J55 BTC casing to 745'. Cement with 1000sx 14.8ppg 1.33yld Class C. Circulate 291sx to surface.

Spud Date:

7/17/2022

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE **Engineer** DATE **7/20/2022**

Type or print name **Steve Morris** E-mail address: **steve.morris@morcoreengineering.com** PHONE: **985-415-9729**

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Rig:	Citadel #4
Well:	Mad River 13 State Com 11H
County	Eddy
Prospect:	Upper Wolfcamp
Date:	7/18/2022



Date:	7/10/2022	Bottom Csg	Top Csg
Casing Size (in)		13 3/8	
Connection Type		BTC ERW	
Weight (lb/ft)		54.5	
Grade		J-55	
Casing I.D. (in)		12.615	
Casing Drift (in)		12.459	
Capacity (bbl/ft)		0.1546	
Disp. (bbl/ft)		0.0198	
Mud Wt. (ppg)		8.90	
Bouyancy Factor		0.869	
Block Weight (lbs)		47000.000	
Burst Strength (psi)		2,730	
Collapse Strength (psi)		1,140	
Tension Strength (lb)		909,000	
Min torque (ft-lbs)		3,860	
Optimum torque (ft-lbs)		5,140	
Max torque (ft-lbs)		6,430	
Confirmed drift OD (in)		12.26	

T.D. (ft)	755.00 (From KB)
Shoe Depth (ft)	745.00
Top of FC (ft)	703.00

XO Info:

OD	
ID	
Length	
Top Depth	

Top Liner (ft):

Liner Lap(ft):

Btm Csg Length	710.87*
Top Csg Length	*

RKB to GL (ft)	23.60
RKB to 20" Cond. (ft.)	29.25
RKB to 5.5" Mandrel (ft)	22.60

Total Jts on Loc.	44
Total Jts ran in hole	18
Total Jts remain out	26
Marker Jts on Loc.	0
Marker Jts ran in hole	0
Marker Jts remain out	0
Damaged Jts on Loc.	0

13 3/8 Landing Joint	33	(see instructions)
9 5/8" Landing Jt		(see instructions)

Required Stick Up (ft)	3.8*
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****type "out" in comments to remove it from calculations**

(* = Auto Calc.)

[illegible]

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

CONDITIONS

Action 127225

CONDITIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 127225
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
nmurphy	None	8/31/2023