Received by WCD: 5/13/2021 7:52:21 AM		Sundry Print Report
U.S. Department of the Interior BUREAU OF LAND MANAGEMENT		01/13/2021
Well Name: COMANCHE 25-36 FED STATE COM	Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446	County or Parish/State: LEA / NM
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:
US Well Number: 00	Well Status: Approved Application for Permit to Drill	Operator: CAZA OPERATING

#### **Notice of Intent**

Type of Submission: Notice of Intent

Date Sundry Submitted: 01/13/2021

Type of Action APD Change

Time Sundry Submitted: 12:31

Date proposed operation will begin: 01/13/2021

**Procedure Description:** Caza proposes to skid from Comanche 25-36 Fed State Com 2H (30-025-47450) 349'FNL 1475'FEL location to Comanche 25-36 Fed State 2Y at 350'FNL 1400'FEL. The reason for the skid is the surface casing parted during cementing operation. The well has to be P&A'd. A separate P&A Sundry will be filed.

Application

Received by OCD: 1/13/2021 7:52:21 AM Well Name: COMANCHE 25-36 FED STATE COM	Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446	County or Parish/State: LEA
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:
US Well Number: 00	Well Status: Approved Application for Permit to Drill	<b>Operator:</b> CAZA OPERATING LLC
		)

Section 1 - General		
<b>APD ID:</b> 10400046051	Tie to previous NOS?	N Submission Date: 08/29/2019
BLM Office: CARLSBAD	User: STEVE MORRIS	Title: Engineer
Federal/Indian APD: FED	Is the first lease penetra	ted for production Federal or Indian? FED
Lease number: NMNM125402	Lease Acres:	
Surface access agreement in place?	Allotted?	Reservation:
Agreement in place? NO	Federal or Indian agreen	nent:
Agreement number:		
Agreement name:		
Keep application confidential? Y		
Permitting Agent? NO	APD Operator: CAZA OF	PERATING LLC
Operator letter of designation:		

# **Operator Info**

<b>Operator Organization Name:</b> C	AZA OPERATING LLC												
Operator Address: 200 N. Loraine Street, Suite 1550													
Operator PO Box:													
Operator City: Midland	State: TX												
Operator Phone: (432)682-7424													
Operator Internet Address:													

# Section 2 - Well Information

Well in Master Development Plan? EXISTING	Master Development Plan nan	ne: Comanche 25-36 Fed State											
Well in Master SUPO?	Master SUPO name:												
Well in Master Drilling Plan?	Master Drilling Plan name:												
Well Name: COMANCHE 25-36 FED STATE COM	Well Number: 2Y	Well API Number:											
Field/Pool or Exploratory? Field and Pool	Field Name: WC-025 G-09 S263619C	<b>Pool Name:</b> WC-025 G-09 S263619C											
Is the proposed well in an area containing other mine	Is the proposed well in an area containing other mineral resources? USEABLE WATER, NATURAL GAS, OIL												

**Zip:** 79701

Is the proposed well in a Helium production area? N	Use Existing Well Pad? Y	New surface disturbance? N
Type of Well Pad: MULTIPLE WELL	Multiple Well Pad Name:	Number: 1H
Well Class: HORIZONTAL	Comanche 25-36 Fed State Com Number of Legs: 1	
Well Work Type: Drill		

Well Type: OIL WELL

Describe Well Type:

Received by OCD: 1/13/2021 7:52:21 AM Well Name: COMANCHE 25-36 FED STATE COM	Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446	County or Parish/State: LEA/
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:
US Well Number: 00	Well Status: Approved Application for Permit to Drill	<b>Operator:</b> CAZA OPERATING LLC

Is the proposed well in an area containing other mineral resources? USEABLE WATER, NATURAL GAS, OIL

Well	sub-	Туре:	DEL	.INEA	TION														
Desc	ribe	sub-t	ype:																
Dista	ance	to tov	<b>vn:</b> 9	Miles	6			Distanc	e to neare	est well: 30	) FT	I	Distan	ce 1	o lease l	i <b>ne:</b> 3	50 FT		
Rese	ervoir	' well	spac	ing a	ssigr	ned a	cres	Measur	ement: 24	0 Acres									
Well	plat:	С	OMA	NCH	E_25	_36_F	ED_	STATE_	_COM_2Y_	C_102_	_signed	d_2021	01130	027	32.pdf				
Well	work	start	Date	<b>ə:</b> 01/	14/20	21			D	uration: 30	DAYS	5							
	Sec	ctior	<mark>۱</mark> 3 -	We	ll Lo	cati	on <sup>-</sup>	Table											
Surv	еу Ту	<b>/pe:</b> R	ECT	ANG	JLAR														
Desc	ribe	Surve	у Ту	pe:															
Datu	<b>m:</b> N	AD83							Ve	ertical Dat	um: N/	AVD88							
Surv	ey nı	umbei	r: R4	029_0	001_E	3			Re	eference D	atum:	RIG F	LOOR						
Wellbore	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD	Will this well produce from this lease?
SHL Leg #1	350	FNL	140 0	FEL	26S	35E	25	Aliquot NWNE	32.02049 96	- 103.3172 024	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 125402	294 5	0	0	Y
KOP Leg #1	15	FNL	915	FEL	26S	35E	25	Aliquot NENE	32.02140 8	- 103.3155 92	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 125402	- 863 9	116 19	115 84	Y
PPP	100	FNL	905	FEL	26S	35E	25	Aliquot	32.02118	-	LEA	NEW	NEW	F	NMNM	-	121	120	Y

103.3156

103.3156

069

-

21

53

4

32.00693

NENE

Aliquot

NENE

FNL 915 FEL 26S 35E 36

Leg

#1-1 PPP

Leg

#1-2

0

125402 913

STATE

9

\_

9

930

MEXI MEXI

CO

NEW S

MEXI

СО

СО

NEW

MEXI

со

LEA

173

04

84

122 Υ

54

59

Well Name: COMANCHE 25-36 FED STATE COM

Well Number: 2H

Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446

Type of Well: OIL WELL

County or Parish/State: LEA

25

Allottee or Tribe Name:

Lease Number: NMNM125402

Unit or CA Name:

Unit or CA Number:

US Well Number: 00

**Well Status:** Approved Application for Permit to Drill

**Operator:** CAZA OPERATING LLC

Wellbore	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD	Will this well produce from this lease?
EXIT	100	FSL	915	FEL	26S	35E	36	Lot	32.00058	-	LEA	NEW	NEW	s	STATE	-	196	122	Y
Leg								1	21	103.3156		MEXI				931	70	63	
#1										24		co	CO			8			
BHL	40	FSL	915	FEL	26S	35E	36	Lot	32.00041	-	LEA	NEW	NEW	S	STATE	-	197	122	Y
Leg								1		103.3156		MEXI				931	10	63	
#1										239		со	CO			8			

# **Drilling Plan**

# **Section 1 - Geologic Formations**

_		T	L				
Formation			True Vertical	Measured			Producing
ID	Formation Name	Elevation	Depth	Depth	Lithologies	Mineral Resources	Formation
1376246		2940	0	0	OTHER : surface dirt	NONE	N
1376247	RUSTLER	2268	672	672	DOLOMITE,	USEABLE WATER	N
					LIMESTONE, OTHER,		
4070040	TOP ONLT	0101	010	010	SILTSTONE : carbonate	NONE	
1376248	TOP SALT	2121	819	819	SALT	NONE	N
1376249	BASE OF SALT	-1739	4679	4679	SALT	NONE	N
1376250	DELAWARE	-2080	5020	5020	CONGLOMERATE,	NATURAL GAS, OIL	N
					LIMESTONE,		
					SANDSTONE		
1376251	BRUSHY CANYON	-4506	7446	7459	CONGLOMERATE,	NATURAL GAS, OIL	N
					LIMESTONE,		
1070050		5000	0740	0700	SANDSTONE	NONE	
1376252	BONE SPRING	-5806	8746	8766	DOLOMITE,	NONE	N
					LIMESTONE, OTHER,		
					SANDSTONE : carbonate		
1376253	BONE SPRING 1ST	-7557	10497	10527	LIMESTONE.	NATURAL GAS. OIL	N
1370233	BONE SPRING 131	-7557	10497	10527	SANDSTONE, SHALE	NATORAL GAS, OIL	IN
1376254	BONE SPRING 2ND	-7903	10843	10875	LIMESTONE,	NATURAL GAS, OIL	N
					SANDSTONE, SHALE		
1376255	BONE SPRING 3RD	-8810	11750	11785	LIMESTONE,	NATURAL GAS, OIL	N
					SANDSTONE, SHALE		
1376256	WOLFCAMP	-9122	12062	12137	SANDSTONE, SHALE	NATURAL GAS, OIL	N
					,	, -	

# Section 2 - Blowout Prevention

Received by OCD: 1/13/2021 7:52:21 AM Well Name: COMANCHE 25-36 FED STATE COM	Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446	County or Parish/State: LEA/
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:
US Well Number: 00	Well Status: Approved Application for Permit to Drill	Operator: CAZA OPERATING
•		

#### Pressure Rating (PSI): 10M

Rating Depth: 18000

Equipment: Rotating head with a rating of 500psi will be used. A remote kill line and gas buster will be used

#### Requesting Variance? YES

Variance request: Variance is requested for the use of a coflex hose for the choke line to from the BOP to the choke manifold. A variance is requested to use 1502(15,000psi working pressure) hammer unions downstream of the Choke Manifold used to connect the mud/gas separator and panic line. See choke manifold diagram Variance is requested to have a 5M Annular which will be tested to 100% working pressure. Prior to drilling into the producing zone the mud weight will be 12.2ppg. Flow checks will be conducted every connection. Pit drills will be performed each tour. If the well flows the upper pipe rams will be used to shut in the well. The wait and weight method will be used to kill the well in the event of a kick. Testing Procedure: Minimum Working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the 13-3/8 inch casing shoe shall be 10000 (10M) psi. 10M system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips the minimum wait time before cut-off is eight hours after bumping the pug. BOP/BOPE testing can begin after cut-off or once cement reaches 500PSI compressive strength (including lead when specified), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified). The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to Onshore Order 2 with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for water basin (18 hours) or potash (24 hours) or 500 pounds compressive strength, whichever is greater prior to initiating the test (see casing segment as lead cement may be critical item). a. The results of the test shall be reported to the appropriate BLM office. b. All Tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office. c. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. 5M Annular which will be tested to 100% working pressure

#### Choke Diagram Attachment:

Comanche\_25\_36\_State\_Fed\_Com\_2H\_\_\_10M\_Choke\_Schematic\_20191108093511.pdf

Comanche\_25\_36\_State\_Fed\_Com\_2H\_\_\_Coflex\_Hyd\_Test\_Cert\_20191108093512.pdf

Comanche\_25\_36\_State\_Fed\_Com\_2H\_\_\_Coflex\_Hose\_Test\_Chart\_20191108093514.pdf

#### **BOP Diagram Attachment:**

Comanche\_25\_36\_State\_Fed\_Com\_2H\_\_\_10M\_BOP\_Schematic\_20191108093518.pdf

## Section 3 - Casing

Casing ID	String Type	Hole Size	Csg Size	Condition	Standard	Tapered String	Top Set MD	Bottom Set MD	Top Set TVD	Bottom Set TVD	Top Set MSL	Bottom Set MSL	Calculated casing length MD	Grade	Weight	Joint Type	Collapse SF	Burst SF	Joint SF Type	Joint SF	Body SF Type	
	CONDUCT : OR	26	20.0	NEW	API	N	0	120	0	120	2962	2842	120	H-40		SLIM LINE HIGH PERFORMA NCE						
2	SURFACE	17.5	13.375	NEW	API	N	0	794	0	794	2962	2168	794	J-55	54.5	ST&C	3.08	1	DRY	11.8 8	DRY	1 8

Well Name: COMANCHE 25-36 FED STATE COM

Well Number: 2H

Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446

Type of Well: OIL WELL

County or Parish/State: LEA/

Allottee or Tribe Name:

Lease Number: NMNM125402

Unit or CA Name:

Unit or CA Number:

US Well Number: 00

**Well Status:** Approved Application for Permit to Drill

**Operator:** CAZA OPERATING LLC

Casing ID	String Type	Hole Size	Csg Size	Condition	Standard	Tapered String	Top Set MD	Bottom Set MD	Top Set TVD	Bottom Set TVD	Top Set MSL	Bottom Set MSL	Calculated casing length MD	Grade	Weight	Joint Type	Collapse SF	Burst SF	Joint SF Type	Joint SF	Body SF Type	
	INTERMED IATE	12.2 5	9.625	NEW	API	Ν	0	7200	0	7188	0	-4226	7200	HCL -80	40	BUTT	1.13	1.09	DRY	1.49	DRY	1.
	INTERMED IATE	12.2 5	9.625	NEW	API	N	7200	9172	7188	9150	-4226	-6188	1972	HCL -80	47	BUTT	1.49	1.3	DRY	11.7 1	DRY	1 ' 1
_	PRODUCTI ON	8.5	5.5	NEW	API	N	0	19710	0	12263	0	-9301	19710	P- 110	20	BUTT	1.39	1.59	DRY	2.61	DRY	2.

#### **Casing Attachments**

Casing ID: 1

String Type: CONDUCTOR

**Inspection Document:** 

Spec Document:

**Tapered String Spec:** 

Casing Design Assumptions and Worksheet(s):

Casing ID: 2

String Type: SURFACE

Inspection Document:

Spec Document:

**Tapered String Spec:** 

## Casing Design Assumptions and Worksheet(s):

 $Comanche\_25\_36\_State\_Fed\_Com\_2H\_\_Casing\_and\_Cement\_Design\_20191108093610.pdf$ 

eceived by OCD: 1/13/2021 7:52:21 AM Well Name: COMANCHE 25-36 FED STATE COM	Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446	County or Parish/State: LEA
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:
US Well Number: 00	<b>Well Status:</b> Approved Application for Permit to Drill	<b>Operator:</b> CAZA OPERATING LLC
Casing Attachments Casing ID: 3 String Typ Inspection Document:	e:INTERMEDIATE	
Spec Document:		
Tapered String Spec:		
Casing Design Assumptions and W	orksheet(s):	
Comanche_25_36_State_Fed_0	Com_2HCasing_and_Cement_Design_:	20191108093847.pdf
Casing ID: 4 String Typ	e:INTERMEDIATE	
Spec Document:		

**Tapered String Spec:** 

#### Casing Design Assumptions and Worksheet(s):

Comanche\_25\_36\_State\_Fed\_Com\_2H\_\_\_Casing\_and\_Cement\_Design\_20191108093940.pdf

Casing ID:5String Type: PRODUCTION

Spec Document:

**Inspection Document:** 

Tapered String Spec:

#### Casing Design Assumptions and Worksheet(s):

Comanche\_25\_36\_State\_Fed\_Com\_2H\_\_\_Casing\_and\_Cement\_Design\_20191108094015.pdf

Section 4	4 - C	emen	t								
String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives

Keceived by OCD: 1/13/2021 7:52:21 AM Well Name: COMANCHE 25-36 FED STATE COM

Lease Number: NMNM125402

Well Number: 2H

Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446

Type of Well: OIL WELL

Unit or CA Name:

County or Parish/State: LEA

Allottee or Tribe Name:

Unit or CA Number:

US Well Number: 00

**Well Status:** Approved Application for Permit to Drill

**Operator:** CAZA OPERATING LLC

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
CONDUCTOR	Lead		0	120	140	1.35	14.8	135	5	Class C	CaCl2

SURFACE	Lead		0	494	355	1.93	13.5	687	100	Class C	4% bwoc Bentonite II + 2% bwoc Calcium Chloride + 0.25 lbs/sack Cello Flake + 0.005% bwoc Static Free + 0.005 gps FP- 6L
SURFACE	Tail		494	794	309	1.35	1438	417	100	Class C	CaCl2
INTERMEDIATE	Lead	4900	0	4800	1395	2.13	12.6	2971	100	Class C	(35:65) + Poz (Fly Ash) + 4% bwoc Bentonite II + 5% bwoc MPA-5 + 0.25% bwoc FL-52 + 5 Ibs/sack LCM- 1 + 0.125 lbs/sack Cello Flake + 0.005 lbs/sack Static Free + 0.005 gps FP-6L + 1.2% bwoc Sodium Metasilicate + 5% bwow Sodium Chloride
INTERMEDIATE	Tail		4800	4900	150	1.35	14.8	202	100	Class C	CaCl2
INTERMEDIATE	Lead	4900	4900	8672	1105	2.13	12.6	2353	100	Class C	(35:65) + Poz (Fly Ash) + 4% bwoc Bentonite II + 5% bwoc MPA-5 + 0.25% bwoc FL-52 + 5 Ibs/sack LCM- 1 + 0.125 Ibs/sack Cello Flake + 0.005 Ibs/sack Static Free + 0.005 gps FP-6L + 1.2% bwoc Sodium Metasilicate + 5% bwow Sodium Chloride
INTERMEDIATE	Tail		8672	9172	232	1.35	14.8	313	100	Class C	CaCl2
PRODUCTION	Lead		0	1150 0	2475	2.38	11.8	5890	100	Class H	(50:50) + Poz (Fly Ash) + 10% bwoc Bentonite II + 5% bwow Sodium Chloride + 5 lbs/sack LCM-1 + 0.005 lbs/sack Static Free + 0.005 gps FP-6L
PRODUCTION	Tail		1150 0	1971 0	2270	1.62	13.2	3677	100	Class H	(15:61:11) Poz (Fly Ash):Class H Cement:CSE-2 + 4% Sodium Chloride + 3

eceived by OCD: 1/1 Well Name: COM STATE COM	<i>3/2021</i> MANCH	7:52:2 HE 25-3	<i>1 AM</i> 86 FED				T26S / 5015 /				County or Parish/State: LEA/				
Well Number: 2	Н			Ту	/pe of	Well: (	DIL WE	LL			Allottee or Tribe Name:				
Lease Number: NMNM125402					Unit or CA Name:							Unit or CA Number:			
US Well Numbe	<b>r:</b> 00				<b>Well Status:</b> Approved Application for Permit to Drill						Operator: CAZA OPERATING LLC				
String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%		Cement type	Additives			
											N	LCM-1 + 0.6% bwoc FL-25 + FP-6L + 0.005% bwoc Static Free			

# Section 5 - Circulating Medium

Mud System Type: Closed

Will an air or gas system be Used? NO

Description of the equipment for the circulating system in accordance with Onshore Order #2:

Diagram of the equipment for the circulating system in accordance with Onshore Order #2:

**Describe what will be on location to control well or mitigate other conditions:** Sufficient mud will be on location to control any abnormal conditions encountered. Such as but not limited to a kick, lost circulation and hole sloughing

**Describe the mud monitoring system utilized:** A Pason PVT system will be rigged up prior to spudding the well. A volume monitoring system that measures, calculates, and displays readings from the mud system on the rig to alert the rig crew of impending gas kicks and lost circulation issues. Components a) PVT Pit Bull monitor: Acts as the heart of the system, containing all the controls, switches, and alarms. Typically, it is mounted near the driller's console. b) Junction box: Provides a safe, convenient place for making the wiring connections. c) Mud probes: Measure the volume of drilling fluid in each individual tank. d) Flow sensor: Measures the relative amount of mud flowing in the return line

#### **Circulating Medium Table**

Top Depth	Bottom Depth	Mud Type	Min Weight (lbs/gal)	Max Weight (Ibs/gal)	Density (lbs/cu ft)	Gel Strength (lbs/100 sqft)	Hd	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
794	9150	SALT SATURATED	9.2	10	75	0.1	9.5	2	150000	0	
9150	1971 0	OIL-BASED MUD	9.2	12.5	90	0.4	9.5	6	135000	18	
0	794	SPUD MUD	8.4	8.9	62.8	0.1	9.5	2	0	0	

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# Section 6 - Test, Logging, Coring

List of production tests including testing procedures, equipment and safety measures: no production tests

#### List of open and cased hole logs run in the well:

GAMMA RAY LOG, DIRECTIONAL SURVEY, MEASUREMENT WHILE DRILLING, MUD LOG/GEOLOGICAL LITHOLOGY LOG,

#### Coring operation description for the well:

no coring

# Section 7 - Pressure

Anticipated Bottom Hole Pressure: 7963

Anticipated Surface Pressure: 5265

Anticipated Bottom Hole Temperature(F): 169

Anticipated abnormal pressures, temperatures, or potential geologic hazards? NO

Describe:

Contingency Plans geoharzards description:

**Contingency Plans geohazards attachment:** 

#### Hydrogen Sulfide drilling operations plan required? YES

#### Hydrogen sulfide drilling operations plan:

Comanche\_25\_36\_Fed\_State\_Com\_2H\_\_\_H2S\_Plan\_20190822130408.pdf

## **Section 8 - Other Information**

#### Proposed horizontal/directional/multi-lateral plan submission:

190815\_Comanche\_25\_36\_Fed\_State\_Com\_2H\_\_\_Directional\_Plan\_20190822130428.pdf 190815\_Comanche\_25\_36\_Fed\_State\_Com\_2H\_\_\_Directional\_Plot\_20190822130427.pdf Comanche\_25\_36\_State\_Fed\_Com\_2H\_\_\_Multi\_Bowl\_Wellhead\_20191108094721.pdf

#### Other proposed operations facets description:

A multi bowl well head will be used. There is a 1-5/8" slot for a grout string on the 13-3/8" hanger if required.

#### Other proposed operations facets attachment:

Comanche\_25\_36\_Fed\_State\_Com\_2H\_\_\_Closed\_Loop\_Diagram\_Design\_Plan\_20190822130452.pdf

Comanche\_25\_36\_Fed\_State\_Com\_2H\_\_\_Closed\_Loop\_Design\_Operating\_and\_Closure\_Plan\_20190822130452.pdf

 $Comanche\_25\_36\_Fed\_State\_Com\_2H\_\__Gas\_Capture\_Plan\_20190822130453.pdf$ 

Comanche\_25\_36\_State\_Fed\_Com\_2H\_\_\_Interim\_Reclamation\_Plat\_20191108094650.pdf

#### Other Variance attachment:

Comanche\_25\_36\_State\_Fed\_Com\_2H\_\_\_Multi\_Bowl\_Wellhead\_20191108094736.pdf

SUPO

Received by OCD: 1/13/2021 7:52:21 AM Well Name: COMANCHE 25-36 FED STATE COM	Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446	County or Parish/State: LEA / Of 25
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:
US Well Number: 00	Well Status: Approved Application for Permit to Drill	Operator: CAZA OPERATING

## **Section 1 - Existing Roads**

Will existing roads be used? YES

#### **Existing Road Map:**

 Comanche\_25\_36\_State\_Fed\_Com\_2H\_\_\_Vicinity\_and\_Existing\_Road\_Map\_20191108094808.pdf

 Existing Road Purpose: ACCESS,FLUID TRANSPORT

 Row(s) Exist? NO

ROW ID(s)

ID:

Do the existing roads need to be improved? NO Existing Road Improvement Description: Existing Road Improvement Attachment:

# Section 2 - New or Reconstructed Access Roads

Will new roads be needed? YES

#### New Road Map:

Comanche_25_36_State	e_Fed_Com_2H	_New_Road_Cross_Section_Map_20191108094839.pdf
Comanche_25_36_State	e_Fed_Com_2H	_New_Road_Map_20191108094941.pdf
New road type: RESOL	JRCE	
Length: 748	Feet	Width (ft.): 24
Max slope (%): 2		Max grade (%): 2
Army Corp of Engineer	rs (ACOE) permit ı	required? N
ACOE Permit Number(	s):	
New road travel width:	20	
New road access erosi	on control: Storm	water diversion berm
New road access plan	or profile prepare	<b>d?</b> Y

New road access plan attachment:

Comanche\_25\_36\_State\_Fed\_Com\_4H\_\_\_New\_Road\_Map\_20191108123132.pdf Comanche\_25\_36\_State\_Fed\_Com\_4H\_\_\_New\_Road\_Cross\_Section\_Map\_20191108123133.pdf Access road engineering design? N

#### Access road engineering design attachment:

#### Turnout? N

Access surfacing type: OTHER

Access topsoil source: ONSITE

Access surfacing type description: 6" of packed caliche

Received by OCD: 1/13/2021 7:52:21 AM Well Name: COMANCHE 25-36 FED STATE COM	Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446	County or Parish/State: LEA / 2 of 25 NM
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:
US Well Number: 00	Well Status: Approved Application for Permit to Drill	Operator: CAZA OPERATING

Access onsite topsoil source depth: 3

Offsite topsoil source description:

Onsite topsoil removal process: Top soil will be removed by blading with a dozer

Access other construction information:

Access miscellaneous information:

Number of access turnouts:

Access turnout map:

Drainage Control

New road drainage crossing: OTHER

Drainage Control comments: Storm water diversion berm

Road Drainage Control Structures (DCS) description: Storm water diversion berm

Road Drainage Control Structures (DCS) attachment:

Comanche\_25\_36\_State\_Fed\_Com\_2H\_\_\_New\_Road\_Cross\_Section\_Map\_20191108095114.pdf

**Access Additional Attachments** 

**Section 3 - Location of Existing Wells** 

Existing Wells Map? YES

Attach Well map:

Comanche\_25\_36\_Fed\_State\_Com\_2H\_\_\_1\_Mile\_Radius\_20190822131724.pdf

Section 4 - Location of Existing and/or Proposed Production Facilities

Submit or defer a Proposed Production Facilities plan? SUBMIT

**Production Facilities description:** A central production facility will be used for all wells on the pad. The facility will have a flare, 16 - 500bbl steel tanks for oil and and produced water, 4 - 3 phase metered separators, 4 - FWKO's, and 4 heaters. **Production Facilities map:** 

Comanche\_25\_36\_State\_Fed\_Com\_2H\_\_\_Production\_Facility\_Map\_20191108123203.pdf

## Section 5 - Location and Types of Water Supply

Water Source Table

Water source type: GW WELL

Water source use type: SURFACE CASING

STIMULATION

INTERMEDIATE/PRODUCTION CASING

Source latitude: 32.107143

Source datum: NAD83

Source longitude: -103.30588

-			
Well Name: COMANCHE 25-36 FEE STATE COM	D Well Location: T26S / R35E NWNE / 32.0205015 / -103.3		County or Parish/State: LEA
Well Number: 2H	Type of Well: OIL WELL		Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:		Unit or CA Number:
US Well Number: 00	Well Status: Approved Appli Permit to Drill	cation for	<b>Operator:</b> CAZA OPERATING LLC
	SURFACE CASING		
	STIMULATION		
	INTERMEDIATE/PRODUCTION CASING		
Water source permit type:	PRIVATE CONTRACT		
Water source transport method:	TRUCKING		
Source land ownership: PRIVATE			
Source transportation land owners	ship: PRIVATE		
Water source volume (barrels): 400		Source vol	ume (acre-feet): 51.55723853
Source volume (gal): 16800000			
Water source type: OTHER			
Describe type: Private Contract			
Water source use type:	SURFACE CASING		
	STIMULATION		
	INTERMEDIATE/PRODUCTION CASING		
Source latitude: 32.107143		Source lon	gitude: -103.30588
Source datum: NAD83			
Water source permit type:	PRIVATE CONTRACT		
Water course transport methods			
Water source transport method:	TRUCKING		
Source land ownership: PRIVATE	TRUCKING		
Source land ownership: PRIVATE	ship: PRIVATE	Source vol	<b>ume (acre-feet):</b> 51.55723853
Source land ownership: PRIVATE	ship: PRIVATE	Source vol	ume (acre-feet): 51.55723853
Source land ownership: PRIVATE Source transportation land owners Water source volume (barrels): 400	ship: PRIVATE	Source vol	<b>ume (acre-feet):</b> 51.55723853
Source land ownership: PRIVATE Source transportation land owners Water source volume (barrels): 400 Source volume (gal): 16800000	ship: PRIVATE	Source vol	ume (acre-feet): 51.55723853
Source land ownership: PRIVATE Source transportation land owners Water source volume (barrels): 400 Source volume (gal): 16800000 Water source type: GW WELL	ship: PRIVATE 0000	Source vol	ume (acre-feet): 51.55723853
Source land ownership: PRIVATE Source transportation land owners Water source volume (barrels): 400 Source volume (gal): 16800000 Water source type: GW WELL	ship: PRIVATE 0000 SURFACE CASING	Source vol	ume (acre-feet): 51.55723853
Source land ownership: PRIVATE Source transportation land owners Water source volume (barrels): 400 Source volume (gal): 16800000 Water source type: GW WELL	Ship: PRIVATE 0000 SURFACE CASING STIMULATION INTERMEDIATE/PRODUCTION		ume (acre-feet): 51.55723853

•

Well Name: COMANCHE 25-36 FE STATE COM	Well Location: T26S / R35E / S NWNE / 32.0205015 / -103.317	
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:
US Well Number: 00	Well Status: Approved Applicat Permit to Drill	ion for <b>Operator:</b> CAZA OPERATING LLC
	SURFACE CASING	
	STIMULATION	
	INTERMEDIATE/PRODUCTION CASING	
Water source permit type:	PRIVATE CONTRACT	
Water source transport method:	TRUCKING	
Source land ownership: PRIVATE		
Source transportation land owner	rship: PRIVATE	
Water source volume (barrels): 40		ource volume (acre-feet): 51.55723853
Source volume (gal): 16800000 Vater source and transportation ma	ap: 2HCaliche_and_Water_Supply_Ma	p_20190822132102.pdf
Source volume (gal): 16800000 Vater source and transportation ma comanche_25_36_Fed_State_Com_2 Vater source comments: S30 T25S	ap: 2HCaliche_and_Water_Supply_Ma	p_20190822132102.pdf
Source volume (gal): 16800000 Vater source and transportation ma comanche_25_36_Fed_State_Com_2 Vater source comments: S30 T25S	ap: 2HCaliche_and_Water_Supply_Ma R36E NENW	p_20190822132102.pdf
Source volume (gal): 16800000 Water source and transportation ma comanche_25_36_Fed_State_Com_2 Water source comments: S30 T25S New water well? N New Water Well Well latitude:	ap: 2HCaliche_and_Water_Supply_Ma R36E NENW	p_20190822132102.pdf Well datum:
Source volume (gal): 16800000 Vater source and transportation mains comanche_25_36_Fed_State_Com_22 Vater source comments: S30 T25S lew water well? N New Water Well	ap: 2HCaliche_and_Water_Supply_Ma R36E NENW	Well datum:
Source volume (gal): 16800000 /ater source and transportation mains omanche_25_36_Fed_State_Com_2 /ater source comments: S30 T25S ew water well? N New Water Well Well latitude: Well latitude: Well target aquifer: Est. depth to top of aquifer(ft): Aquifer comments: Aquifer documentation:	ap: 2HCaliche_and_Water_Supply_Ma R36E NENW Info Well Longitude: Est thickness of aqu	Well datum:
Source volume (gal): 16800000 /ater source and transportation ma omanche_25_36_Fed_State_Com_2 /ater source comments: S30 T25S ew water well? N New Water Well Well latitude: Well latitude: Well target aquifer: Est. depth to top of aquifer(ft): Aquifer comments: Aquifer documentation: /ell depth (ft):	ap: 2HCaliche_and_Water_Supply_Ma R36E NENW Info Well Longitude: Est thickness of aqu Well casing type:	Well datum: lifer:
Source volume (gal): 16800000 Vater source and transportation mains omanche_25_36_Fed_State_Com_2 Vater source comments: S30 T25S ew water well? N New Water Well Well latitude: Well latitude: Well target aquifer: Est. depth to top of aquifer(ft): Aquifer comments: Aquifer documentation: Vell depth (ft): Vell casing outside diameter (in.):	ap: 2HCaliche_and_Water_Supply_Ma R36E NENW Info Well Longitude: Est thickness of aqu Well casing type: Well casing inside dia	Well datum: lifer:
Source volume (gal): 16800000 /ater source and transportation mains omanche_25_36_Fed_State_Com_2 /ater source comments: S30 T25S ew water well? N New Water Well Well latitude: Well latitude: Well latitude: Well target aquifer: Est. depth to top of aquifer(ft): Aquifer comments: Aquifer documentation: /ell depth (ft): /ell casing outside diameter (in.): ew water well casing?	ap: 2HCaliche_and_Water_Supply_Ma R36E NENW Info Well Longitude: Est thickness of aqu Well casing type:	Well datum: lifer:
Source volume (gal): 16800000 /ater source and transportation mains omanche_25_36_Fed_State_Com_2 /ater source comments: S30 T25S ew water well? N New Water Well Well latitude: Well latitude: Well latitude: Well target aquifer: Est. depth to top of aquifer(ft): Aquifer comments: Aquifer documentation: /ell depth (ft): /ell casing outside diameter (in.): ew water well casing? rilling method:	ap: 2HCaliche_and_Water_Supply_Ma R36E NENW Info Well Longitude: Est thickness of aqu Well casing type: Well casing inside dia Used casing source:	Well datum: lifer:
Source volume (gal): 16800000 Vater source and transportation material: Somanche_25_36_Fed_State_Com_2 Vater source comments: S30 T25S New Water well? N New Water Well Well latitude: Well latitude: Well target aquifer: Est. depth to top of aquifer(ft): Aquifer comments: Aquifer documentation: Vell depth (ft): Vell casing outside diameter (in.): New water well casing? wrilling method: srout material:	ap: 2HCaliche_and_Water_Supply_Ma R36E NENW Info Well Longitude: Est thickness of aqu Well casing type: Well casing inside dia Used casing source: Drill material:	Well datum: lifer:
Source volume (gal): 16800000 Vater source and transportation material: comanche_25_36_Fed_State_Com_2 Vater source comments: S30 T25S lew water well? N New Water Well Well latitude: Well latitude: Well target aquifer: Est. depth to top of aquifer(ft): Aquifer comments: Aquifer documentation: Vell depth (ft): Vell casing outside diameter (in.): lew water well casing? wrilling method: crout material: casing length (ft.):	ap: 2HCaliche_and_Water_Supply_Ma R36E NENW Info Well Longitude: Est thickness of aqu Well casing type: Well casing inside dia Used casing source: Drill material: Grout depth:	Well datum: lifer:
Source volume (gal): 16800000 Vater source and transportation ma comanche_25_36_Fed_State_Com_2 Vater source comments: S30 T25S New water well? N New Water Well Well latitude: Well latitude: Well target aquifer: Est. depth to top of aquifer(ft): Aquifer comments:	ap: 2HCaliche_and_Water_Supply_Ma R36E NENW Info Well Longitude: Est thickness of aqu Well casing type: Well casing inside dia Used casing source: Drill material: Grout depth: Casing top depth (ft.):	Well datum: lifer:
Source volume (gal): 16800000 Vater source and transportation mail comanche_25_36_Fed_State_Com_2 Vater source comments: S30 T25S New Water well? N New Water Well Well latitude: Well latitude: Well target aquifer: Est. depth to top of aquifer(ft): Aquifer comments: Aquifer documentation: Vell depth (ft): Vell casing outside diameter (in.): New water well casing? willing method: crout material: casing length (ft.): Vell Production type:	ap: 2HCaliche_and_Water_Supply_Ma R36E NENW Info Well Longitude: Est thickness of aqu Well casing type: Well casing inside dia Used casing source: Drill material: Grout depth: Casing top depth (ft.):	Well datum: lifer:

.

<i>ceived by OCD: 1/13/2021 7:52:21 AM</i> Well Name: COMANCHE 25-36 FED STATE COM	Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446	County or Parish/State: LEA/
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:
US Well Number: 00	Well Status: Approved Application for Permit to Drill	<b>Operator:</b> CAZA OPERATING LLC

#### **Section 6 - Construction Materials**

Using any construction materials: YES

Construction Materials description: 6" of packed caliche

#### **Construction Materials source location attachment:**

Comanche\_25\_36\_Fed\_State\_Com\_2H\_\_\_Caliche\_and\_Water\_Supply\_Map\_20191108095400.pdf

## **Section 7 - Methods for Handling Waste**

Waste type: SEWAGE

Waste content description: onsite housing sewage

Amount of waste: 300 gallons

Waste disposal frequency : Daily

Safe containment description: onsite closed septic system

Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL Disposal location ownership: OTHER

FACILITY Disposal type description:

Disposal location description: Hobbs Waste Water Management

pounds

Waste type: GARBAGE

Waste content description: onsite housing trash

Amount of waste: 100

Waste disposal frequency : Daily

Safe containment description: steel trash trailer

#### Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL Disposal location ownership: OTHER FACILITY

Disposal type description:

Disposal location description: Eunice Landfill

Waste type: DRILLING

Waste content description: drill cuttings

Amount of waste: 1063640 pounds

Waste disposal frequency : Daily

Safe containment description: 4 sided bins

Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL Disposal location ownership: COMMERCIAL

FACILITY **Disposal type description:** 

Disposal location description: R360 commercial disposal facility

Received by OCD: 1/13/2021 7:52:21 AM Well Name: COMANCHE 25-36 FED STATE COM	Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446	County or Parish/State: LEA / 6 of 25 NM
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:
US Well Number: 00	Well Status: Approved Application for Permit to Drill	<b>Operator:</b> CAZA OPERATING LLC

Reserve pit volume (cu. yd.)

#### **Reserve Pit**

Reserve Pit being used? N

Temporary disposal of produced water into reserve pit? NO

Reserve pit length (ft.) Reserve pit width (ft.)

Reserve pit depth (ft.)

Is at least 50% of the reserve pit in cut?

**Reserve pit liner** 

Reserve pit liner specifications and installation description

## **Cuttings Area**

Cuttings Area being used? NO Are you storing cuttings on location? N Description of cuttings location Cuttings area length (ft.) Cuttings area depth (ft.) Cuttings area depth (ft.) Is at least 50% of the cuttings area in cut? WCuttings area liner Cuttings area liner

# **Section 8 - Ancillary Facilities**

Are you requesting any Ancillary Facilities?: N Ancillary Facilities attachment:

Comments:

Section 9 - Well Site Layout

Well Site Layout Diagram:

Comanche\_25\_36\_Fed\_State\_Com\_2H\_\_\_Location\_Map\_20190822132134.pdf Comanche\_25\_36\_State\_Fed\_Com\_2H\_\_\_Well\_Pad\_Plat\_20191108095557.pdf **Comments:** 

Received by OCD: 1/13/2021 7:52:21 AM Well Name: COMANCHE 25-36 FED STATE COM	Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446	County or Parish/State: LEA / Page 17 of 25
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:
US Well Number: 00	Well Status: Approved Application for Permit to Drill	<b>Operator:</b> CAZA OPERATING LLC

# **Section 10 - Plans for Surface Reclamation**

Type of disturbance: New Surface Disturbance

Multiple Well Pad Name: Comanche 25-36 Fed State Com Multiple Well Pad Number: 1H

#### **Recontouring attachment:**

Comanche\_25\_36\_State\_Fed\_Com\_2H\_\_\_Contour\_Map\_20191108095618.pdf

Drainage/Erosion control construction: Storm water diversion berm

Drainage/Erosion control reclamation: Storm water diversion berm

Well pad proposed disturbance	Well pad interim reclamation (acres):	Well pad long term disturbance
(acres): 4.45	0.96	(acres): 3.49
0.24		Road long term disturbance (acres): 0.34
(acres): 0	Powerline interim reclamation (acres): 0 Pipeline interim reclamation (acres): 0	(acres): 0
Pipeline proposed disturbance	Pipeline Interim reclamation (acres): 0	Pipeline long term disturbance
(acres):	Other interim reclamation (acres): 0	(acres): 0
Other proposed disturbance (acres): 0	Total interim reclamation: 0.96	Other long term disturbance (acres): 0
Total proposed disturbance: 4.79		Total long term disturbance: 3.83

**Disturbance Comments:** 

Reconstruction method: reclamation as identified during onsite

Topsoil redistribution: reclamation as identified during onsite

Soil treatment: reclamation as identified during onsite

Existing Vegetation at the well pad: Sage brush and native grasses

Existing Vegetation at the well pad attachment:

Existing Vegetation Community at the road: Sage brush and native grasses
Existing Vegetation Community at the road attachment:
Existing Vegetation Community at the pipeline: Sage brush and native grasses
Existing Vegetation Community at the pipeline attachment:

Existing Vegetation Community at other disturbances: Sage brush and native grasses Existing Vegetation Community at other disturbances attachment:

Non native seed used? N Non native seed description: Seedling transplant description: Will seedlings be transplanted for this project? N

Received by OCD: 1/13/2021 7:52:21 AM Well Name: COMANCHE 25-36 FED STATE COM	Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446	County or Parish/State: LEA / NM
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:
US Well Number: 00	Well Status: Approved Application for Permit to Drill	<b>Operator:</b> CAZA OPERATING LLC

Seedling transplant description attachment:

Will seed be harvested for use in site reclamation? N

Seed harvest description:

Seed harvest description attachment:

# Seed Management

Seed Table

	Seed Summary		Total pounds/Acre:
	Seed Type	Pounds/Acre	
Seed	reclamation attachmen	t:	
	Operator Contact/F	Responsible Offic	al Contact Info
Fir	st Name:		Last Name:
Ph	one: (985)415-9729		Email: steve.morris@morcorengineering.com
Seed	bed prep: Harrow		
Seed	BMP: Per BLM instruction	ons	
Seed	method: Broadcast follo	wed by a drag chain	
Exist	ing invasive species? N		
Exist	ing invasive species tre	atment description:	
Exist	ing invasive species tre	atment attachment:	
Weed	l treatment plan descrip	tion: Spray for cheat gra	355
Weed	I treatment plan attachn	nent:	
Monitoring plan description: Visual inspection in spring and late fall			
Moni	toring plan attachment:		
Succ	ess standards: 80% cov	erage by 2nd growing se	ason of native species with less than 5% invasive species
Pit cl	osure description: no pi	ts being used	
Pit cl	osure attachment:		

Section 11 - Surface Ownership

Received by OCD: 1/13/2021 7:52:21 AM Well Name: COMANCHE 25-36 FED STATE COM Well Number: 2H	Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446 Type of Well: OIL WELL	County or Parish/State: LEA / 9 of NM Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:
US Well Number: 00	<b>Well Status:</b> Approved Application for Permit to Drill	<b>Operator:</b> CAZA OPERATING LLC
Disturbance type: WELL PAD		
Describe:		
Surface Owner: PRIVATE OWNERSHIP		
Other surface owner description:		
BIA Local Office:		
BOR Local Office:		
COE Local Office:		
DOD Local Office:		
NPS Local Office:		
State Local Office:		
Military Local Office:		
USFWS Local Office:		
Other Local Office:		
USFS Region:		
USFS Forest/Grassland:	USFS Ranger District:	
Fee Owner: NGL Partners LP	Fee Owner Address: 612	0 South Yale Ave #805
<b>Phone:</b> (918)236-4717	Email: alan.barker@nglep	o.com

Surface use plan certification: YES

Surface use plan certification document:

Comanche\_25\_36\_Fed\_State\_Com\_2H\_\_\_Surface\_use\_plan\_of\_operations\_certification\_signed\_2019082213261

Surface access agreement or bond: AGREEMENT

Surface Access Agreement Need description: Fee per well drilled on the pad

Surface Access Bond BLM or Forest Service:

**BLM Surface Access Bond number:** 

USFS Surface access bond number:

Section 12 - Other Information

Right of Way needed? N ROW Type(s): Use APD as ROW?

**ROW Applications** 

Received by OCD: 1/13/2021 7:52:21 AM Well Name: COMANCHE 25-36 FED STATE COM	Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446	County or Parish/State: LEA / Of 25
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:
US Well Number: 00	Well Status: Approved Application for Permit to Drill	Operator: CAZA OPERATING

SUPO Additional Information:

## Use a previously conducted onsite? N

**Previous Onsite information:** 

## **Other SUPO Attachment**

Comanche_25_36_State_Fed_Com_2HExisting_Topography_Map_20191108095937.pdf
Comanche_25_36_State_Fed_Com_2HTopography_Map_20191108095939.pdf
Comanche_25_36_State_Fed_Com_3HInterim_Reclamation_Plat_2_20200511064915.pdf
Comanche_25_36_State_Fed_Com_3HInterim_Reclamation_Plat_20200511064921.pdf
Comanche_25_36_Fed_State_Com_2HClosed_Loop_Design_Operating_and_Closure_Plan_20190822132708.pdf
Comanche_25_36_Fed_State_Com_2HClosed_Loop_Diagram_Design_Plan_20190822132708.pdf
Comanche_25_36_Fed_State_Com_2HGas_Capture_Plan_20190822132709.pdf

PWD

# **Section 1 - General**

Would you like to address long-term produced water disposal? NO

# **Section 2 - Lined Pits**

Would you like to utilize Lined Pit PWD options? N Produced Water Disposal (PWD) Location: PWD surface owner: Lined pit PWD on or off channel:

Lined pit PWD discharge volume (bbl/day):

Lined pit specifications:

Pit liner description:

Pit liner manufacturers information:

Precipitated solids disposal:

PWD disturbance (acres):

Received by OCD: 1/13/2021 7:52:21 AM Well Name: COMANCHE 25-36 FED STATE COM	Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446	County or Parish/State: LEA / NM
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:
US Well Number: 00	Well Status: Approved Application for Permit to Drill	Operator: CAZA OPERATING

Decribe precipitated solids disposal:

Precipitated solids disposal permit:

Lined pit precipitated solids disposal schedule:

Lined pit precipitated solids disposal schedule attachment:

Lined pit reclamation description:

Lined pit reclamation attachment:

Leak detection system description:

Leak detection system attachment:

Lined pit Monitor description:

Lined pit Monitor attachment:

Lined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Lined pit bond number:

Lined pit bond amount:

Additional bond information attachment:

# **Section 3 - Unlined Pits**

Would you like to utilize Unlined Pit PWD options? N

**Produced Water Disposal (PWD) Location: PWD disturbance (acres): PWD** surface owner: Unlined pit PWD on or off channel: Unlined pit PWD discharge volume (bbl/day): Unlined pit specifications: Precipitated solids disposal: Decribe precipitated solids disposal: Precipitated solids disposal permit: Unlined pit precipitated solids disposal schedule: Unlined pit precipitated solids disposal schedule attachment: Unlined pit reclamation description: Unlined pit reclamation attachment: **Unlined pit Monitor description:** Unlined pit Monitor attachment: Do you propose to put the produced water to beneficial use? Beneficial use user confirmation: Estimated depth of the shallowest aquifer (feet):

Received by OCD: 1/13/2021 7:52:21 AM Well Name: COMANCHE 25-36 FED STATE COM	Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446	County or Parish/State: LEA / 22 of 25 NM
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:
US Well Number: 00	Well Status: Approved Application for Permit to Drill	<b>Operator:</b> CAZA OPERATING LLC

Does the produced water have an annual average Total Dissolved Solids (TDS) concentration equal to or less than that of the existing water to be protected?

TDS lab results:

Geologic and hydrologic evidence:

State authorization:

Unlined Produced Water Pit Estimated percolation:

Unlined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Unlined pit bond number:

Unlined pit bond amount:

Additional bond information attachment:

#### **Section 4 - Injection**

Would you like to utilize Injection PWD options? N

Produced Water Disposal (PWD) Location:PWD surface owner:PWD disturbance (acres):Injection PWD discharge volume (bbl/day):Injection well mineral owner:Injection well mineral owner:Injection well type:Injection well type:Injection well number:Injection well number:Injection well name:Assigned injection well API number?Injection well API number:Injection well new surface disturbance (acres):Minerals protection information:Mineral protection attachment:Underground Injection Control (UIC) Permit?

UIC Permit attachment:

## Section 5 - Surface Discharge

Would you like to utilize Surface Discharge PWD options?  ${\sf N}$ 

Produced Water Disposal (PWD) Location:PWD surface owner:PWD disturbance (acres):Surface discharge PWD discharge volume (bbl/day):PWD disturbance (acres):Surface Discharge NPDES Permit?Surface Discharge NPDES Permit attachment:Surface Discharge site facilities information:Surface Discharge site facilities map:

Received by OCD: 1/13/2021 7:52:21 AM Well Name: COMANCHE 25-36 FED STATE COM	Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446	County or Parish/State: LEA / NM	
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:	
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:	
US Well Number: 00	<b>Well Status:</b> Approved Application for Permit to Drill	Operator: CAZA OPERATING LLC	

# **Section 6 - Other**

Would you like to utilize Other PWD options?  $\ensuremath{\mathsf{N}}$ 

Produced Water Disposal (PWD) Location:

**PWD surface owner:** 

Other PWD discharge volume (bbl/day):

Other PWD type description:

Other PWD type attachment:

Have other regulatory requirements been met?

Other regulatory requirements attachment:

**Operator Certification** 

# **Operator Certification**

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

NAME: STEVE MORRIS

Title: EngineerStreet Address: 14102 WCR 173City: ODESSAState: TXPhone: (985)415-9729

Email address: steve.morris@morcorengineering.com

## Field Representative

Representative Name: STEVE MORRISStreet Address: 200 N. LORRAINE ST 1550City: MIDLANDState: TXPhone: (985)415-9729Email address: steve.morris@morcorengineering.com

Signed on: 01/13/2021

**Zip:** 79766

**PWD disturbance (acres):** 

Zip: 79701

Received by OCD: 1/13/2021 7:52:21 AM Well Name: COMANCHE 25-36 FED STATE COM	Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205015 / -103.3174446	County or Parish/State: LEA / NM	
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:	
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:	
US Well Number: 00	Well Status: Approved Application for Permit to Drill	Operator: CAZA OPERATING	

## **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: JAN 13, 2021 12:24 AM

Name: CAZA OPERATING LLC

Title: Engineer

Street Address: 200 NORTH LORRAINE SUITE 1550

City: MIDLAND

State: TX

Phone: (432) 638-8475

Email address: NOT ENTERED

## **Field Representative**

Representative Name: STEVE MORRISStreet Address: 200 N. LORRAINE ST 1550City: MIDLANDState: TXPhone: (985)415-9729Email address: steve.morris@morcorengineering.com

**Zip:** 79701

NMOCD APPROVED TO SKID RIG PENDING RECIEPT OF C-102, DIRECTIONAL DRILL PLAN, AND GCP

CONDITIONS

Action 14578

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 OF APPROVAL

Operator: CAZA OPERATINO	G, LLC 200 N Loraine St	OGRID: 249099	Action Number: 14578	Action Type: C-103X	
Suite 1550 Midlan	d, TX79701				
OCD Reviewer	Condition				
pkautz	NMOCD approved to skid rig pending receipt of C-102, Directional Drill Plan, and GCP				

pkautz NMOCD approved to skid rig pending receipt of C-102, Directional Drill Plan, and GCP