Santa Fe Main Office
Phone: (505) 476-3441
General Information
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State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised July 18, 2013

WELL API NO.

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: Claire 33 34 Fee

1. Type of Well: Oil Well ☑ Gas Well ☐ Other

8. Well Number: #201H

2. Name of Operator: Tascosa Energy Partners LLC.

9. OGRID Number: 329748

3. Address of Operator: 901 W. Missouri Avenue, Midland, TX 79701

10. Pool name or Wildcat

4. Well Location
Unit Letter A : 517 feet from the North line and 185 feet from the East line
Section 32 Township 19S Range 26E NMPM County Eddy

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*: 3310' GL

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☒	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:			☐

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.

Tascosa requests the following changes:
Deepen surface casing setting depth from 500' to 1,200'
Change surface casing weight from 48# to 54.5#
Change surface casing cement volume from 575 sx to 1,500 sx

Spud Date: 5/12/2025

Rig Release Date: 6/20/25

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

SIGNATURE Alyssa McNear TITLE Operations Manager DATE 5/9/2025

Type or print name Alyssa McNear E-mail address: adavanzo@tascosaep.com PHONE: 720-244-4417

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17.5	13.375	54.5	1200	1500	0
Intermediate	12.25	9.625	36	1800	700	0
Production	8.5	5.5	20	12039	2460	0

Well name: **Claire 33 34 Fee #201H**

Operator: **Tascosa Energy Partners, LLC**

String type: **Surface Casing (500')**

Design parameters:

Collapse

Mud weight: 8.34 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure = 202.00 psi

Internal gradient: = 0.12 psi/ft

Calculated BHP = 250.00 psi

No backup mud specified.

Minimum design factors:

Collapse:

DF 1.125

Burst:

DF 1.10

Tension:

8 Rd STC: 1.80 (J)

8 Rd LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on buoyed wgt.

Neutral pt: 349.00 ft

Maximum Lift using 14.8 ppg cmt to surface with 8.7 ppg mud filled csg= 17,827 lbs lift. String wgt = 19,200 lbs in air. Chain down casing prior to cmt job for Safety.

Environment:

H2S considered? No

Surface temperature: 75.00 °F

BHTemp 79 °F

Temp gradient: 0.80 °F/100ft

Minimum sec length: 400 ft

Minimum Drift: 12.25 in

Cement top: Surface

Non-directional string.

Re subsequent strings:

Next setting depth: 1,800 ft

Next mud weight: 8.70 ppg

Next setting BHP: 1,086.00 psi

Fracture mud wt: 11.00 ppg

Safety Factor Injection 1.00 ppg

Fracture depth: 500.00 ft

Injection pressure 250.00 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Pipe ID (in)	Internal Capacity (bbls)
1	1200	13.375	54.5	J-55	LTC	1200	1200	12.459	12.615	185.52

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	208	1130	5.43	202	2730	13.51	38.4	322	8.39
							19.2	541 body	

Prepared by: Richard Wright

Phone: (432) 695 6970

FAX: (432) 695 6973

Remarks:

Collapse is based on a vertical depth of 400 ft, a mud weight of 10.0 ppg The casing is considered to be evacuated for collapse purposes.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Tension based on string weight in air + 100% over pull.

Burst strength is not adjusted for tension.

Well name: **Claire 33 34 Fee #201H**

Operator: **Tascosa Energy Partners, LLC**

String type: **Intermediate Casing (1,800')**

Design parameters:			Minimum design factors:		Environment:		
Collapse			**Collapse:**		H2S considered?	No	
Mud weight:	8.70	ppg	DF	1.125	Surface temperature:	75.00	°F
Design is based on evacuated pipe.					BH Temp	99	°F
					Temp Gradient	0.80	°F/100ft
					Minimum Sec Length	2400	ft
			Burst:		Minimum Drift:	8.75	in
			DF	1.15	Cement top:	Surface	
Burst							
Max anticipated surface pressure:	1,522.00	psi					
Internal gradient:	0.12	psi/ft	**Tension:**		Non-directional string.		
Calculated BHP	1,810.00	psi	8 Rd STC:	1.80	(J)		
			8 Rd LTC:	1.80	(J)		
No backup mud specified.			Buttress:	1.60	(J)		
			Premium:	1.50	(J)		
			Body yield:	1.50	(B)	**Re subsequent strings:**	
					Next setting depth:	12,032	ft MD
			Tension is based on buoyed wgt.		Next setting depth:	5,700	ft TVD
			Neutral pt:	± 2,111 ft	Next mud weight:	8.7	ppg
					Next setting BHP:	3,272	psi
					Fracture mud wt:	13.5	ppg
					Safety Factor-Injection	1	ppg
					Fracture depth:	2,400	ft
					Injection pressure	1,810	psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	ID Diameter (in)	Internal Capacity (bbls)
1	1800	9.625	36	J-55	LT&C	1800	1800	8.796	8.921	139.14

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)J	Tension Design Factor
1	1248	2020	1.62	1522	3520	2.31	172.8	564	3.26
							86.4	639 jt	

Prepared by: Richard Wright

Phone: (432) 695 6970
FAX: (432) 695 6973

Date: 03/28/24
Midland, Texas

Remarks:

Collapse is based on a vertical depth of 2,400 ft, a mud weight of 10 ppg The casing is considered to be evacuated for collapse purposes.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Tension based on string weight in air + 100% over pull.

Burst strength is not adjusted for tension.

Well name: **Claire 33 34 Fee #201H**

Operator: **Tascosa Energy Partners, LLC**

String type: **Production Casing (± 12,033 ft MD) "FRAC"**

Location: **517 FNL & 185 FEL, Sec 32, T19S, R26E, Eddy County, NM**

BHL Planned: **660 FNL & 1232 FWL, Sec 34, T19S, R26E, Eddy County, NM**

Design parameters:

Collapse

Mud weight: 8.90 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure FRAC @ RATE: **10,000.00** psi

Internal gradient:	0.434	psi/ft
Calculated BHP	2,473.80	psi
backup mud specified.	0.452	psi/ft
Net Injection Pressure Surface	10,000.00	psi
Net Injection Pressure TVD	5,052.00	psi
Annular surface PSI	0	psi
Frac Gradient	12.50	ppg
Frac Gradient	0.65	psi/ft

Minimum design factors:

Collapse: DF 1.125

Burst: DF 1.12

Tension:

8 Rd STC:	1.80	(J)
8 Rd LTC:	1.80	(J)
Buttress:	1.60	(J)
Premium:	1.50	(J)
Body yield:	1.50	(B)

Environment:

H2S considered?	No	
Surface temperature:	75.00	°F
Bottom hole temp:	141	°F
Temperature gradient:	0.80	°F/100ft
Minimum section lgth:	1,500	ft
Minimum Drift:	4.65	in
Cement top:	Surface	ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	ID Diameter (in)	Internal Capacity (bbls)
1	12,033	5.5	20	P110 RY	CDC-LSS	5,700	12,033	4.653	4.778	267.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor	
1	3,949	11,100	2.81	10,000	12,640	1.26	400 245.5	641 654 jt	1.60	Body

Prepared by: Richard Wright

Phone: (432) 695 6970

FAX: (432) 695 6973

Date: 03/28/24

Midland, Texas

Remarks:

Collapse is based on a vertical depth of 7,234 ft, a mud weight of 10.5 ppg The casing is considered to be evacuated for collapse purposes.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a tensile load which is added to the axial load

Tension/Joint Strength is Calculated by using string weight in air plus 155 K overpull.

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Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 460452

CONDITIONS

Operator: Tascosa Energy Partners, L.L.C 901 W. Missouri Ave Midland, TX 79701	OGRID: 329748
	Action Number: 460452
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	Any previous COA's not addressed within the updated COA's still apply.	5/19/2025