Submit within 45 days of well completion

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

Revised November 6, 2013

1. WELL API NO.
30-025-38469

2. Well Name:
MUD SLIDE SLIM 15 FEDERAL #001

3. Well Number:
001

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:F Lot:F Section:15 Township:20S Range:34E
Feet from:1980 N/S Line:N
Feet from:1980 E/W Line:W

5. Bottom Hole Location:
Unit:F Lot:F Section:15 Township:20S Range:34E
Feet from:1980 N/S Line:N
Feet from:1980 E/W Line:W

6. latitude: 32.5749746515909 longitude: -103.5502493844

7. County:
Lea

8. Operator Name and Address:
CAZA OPERATING, LLC
200 N LORAINE
STE 1550
MIDLAND 79701

9. OGRID: 249099

10. Phone Number: 432-682-7424

11. Last Fracture Date: 12/16/2013 Frac Performed by: Schlumberger

12. Production Type:
G

13. Pool Code(s):
37570

14. Gross Fractured Interval:
8,291 ft to 8,306 ft

15. True Vertical Depth (TVD):
8,291 ft

16. Total Volume of Fluid Pumped:
61,366 gals

17. Total Volume of Re-Use Water Pumped:
0 gals

18. Percent of Re-Use Water in Fluid Pumped:
%

19. **HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:**

Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemical Abstract Service #	Maximum Ingredient Concentration in Additive (% by mass)	Maximum Ingredient Concentration in HF Fluid (% by mass)
ClearFRAC XT 15, N002	Schlumberger	Surfactant , Rheology Modifier, Gelling Agent, Clay Control Agent, Propping Agent	Water (Including Mix Water Supplied by Client)*	NA	0%	0.55%
			Nitrogen, liquid form	7727-37-9	0%	0.23%
			Crystalline silica	14808-60-7	0%	0.21%
			Erucic amidopropyl dimethyl betaine	149879-98-1	0%	0%
			Cholinium chloride	67-48-1	0%	0%
			Propan-2-ol	67-63-0	0%	0%
			Linear/branched c11 alcohol ethoxylate (8 eo)	127036-24-2B	0%	0%
			2-butoxyethanol	111-76-2	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Butan-1-ol	71-36-3	0%	0%
			Linear/branched c11 alcohol ethoxylate (3 eo)	127036-24-2A	0%	0%
			Undecanol, branched and linear (impurity)	128973-77-3	0%	0%
			Sodium chloroacetate	3926-62-3	0%	0%
			Ethane-1,2-diol	107-21-1	0%	0%
			Polyvinyl acetate, partially hydrolyzed	304443-60-5	0%	0%

20. I, as Operator, hereby certify that the information shown on this disclosure form is true and complete to the best of my knowledge and belief.

Signature: Signed Electronically Printed Name: Richard Wright Title: _____

Date: 1/9/2014

E-mail Address: rwright@cazapetro.com

NMOCD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.