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.
30-015-25658

2. Well Name:
FORT 7 COM #001

3. Well Number:
001

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:O Lot:O Section:7 Township:24S Range:29E
Feet from:660 N/S Line:S
Feet from:2310 E/W Line:E

5. Bottom Hole Location:
Unit:O Lot:O Section:7 Township:24S Range:29E
Feet from:660 N/S Line:S
Feet from:2310 E/W Line:E

6. latitude: 32.22718 longitude: -104.02166

7. County:
Eddy

8. Operator Name and Address:
KAISER-FRANCIS OIL CO
PO BOX 21468
TULSA 74121

9. OGRID: 12361

10. Phone Number:

11. Last Fracture Date: 6/12/2014 Frac Performed by: CUDD Energy Services

12. Production Type:
O

13. Pool Code(s):
50371

14. Gross Fractured Interval:
8,868 ft to 8,936 ft

15. True Vertical Depth (TVD):
10,063 ft

16. Total Volume of Fluid Pumped:
123,328 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)
Water	Operator	Base Carrier Fluid	Water	7732-18-5	100%	80.0032%
Sand	Multiple Suppliers	Proppants	Silicon Dioxide	14808-60-7	100%	10.57836%
Garnet/Pearl RCS	Preferred Sands	Proppants	Quartz (Si02)	14808-60-7	98%	6.02189%
			Polyurethane Resin	Proprietary	5%	0.30724%
			Colorant	Proprietary	1%	0.06145%
7.5% Hydrochloric Acid	Reagent	Scale Dissolver	Water	7732-18-5	92.5%	2.24097%
			36% Hydrochloric Acid	7647-01-0	7.5%	0.1817%
SG-15M	ASK	Gelling Agents	Guar Powder	9000-30-0	60%	0.36755%
			White Mineral Oil	8042-47-5	40%	0.24503%
			Bentonite	14808-60-7	5%	0.03063%
			Proprietary	Proprietary	5%	0.03063%
XL-335	ASK	Crosslinkers	Potassium Hydroxide	1310-58-3	25%	0.02653%
			Ethylene Glycol	107-21-1	25%	0.02653%
			Proprietary	Proprietary	25%	0.02653%
			Proprietary	Proprietary	15%	0.01592%
			Proprietary	Proprietary	10%	0.01061%
NE-227	CESI	Non and De-Emulsifiers	Ethoxylated Nonylphenol	9016-45-9	20%	0.01552%
			isopropanol	67-63-0	15%	0.01164%
			Methanol	67-56-1	15%	0.01164%
GB-150	Chemplex, L.C.	Gel Breakers/Delayed Breakers	Water	7732-18-5	90%	0.01477%
			Sodium Chloride	7647-14-5	15%	0.00246%
			Mannanase Enzymes	Proprietary	2%	0.00033%
FE-4	Chemplex, L.C.	Iron Controller/Reducers	Citric Acid Anhydrous	77-92-9	55%	0.0076%
			Water	7732-18-5	55%	0.0076%
B-15	Brenntag Southwest, Inc.	Biocides	Water	7732-18-5	80%	0.00849%
			Tetrakis (hydroxymethyl) phosphonium sulfate	55566-30-8	20%	0.00212%
GB-2	Fritz Industries, Inc.	Gel Breakers/Delayed Breakers	Ammonium Persulfate	7727-54-0	100%	0.00544%
EGB-16HT	CESI Chemical	Gel Breakers/Delayed Breakers	Ammonium Persulfate	7727-54-0	100%	0.00389%
			Silica, Crystaline-Quartz	14808-60-7	15%	0.00058%
I-122	Chemplex, L.C.	Acid Corrosion Inhibitors	Methanol	67-56-1	70%	0.00156%
			Alcohol Ethoxylate Surfactants	Proprietary	30%	0.00067%
			thiourea-formaldehyde copolymer	68527-49-1	30%	0.00067%
			n-olefins	Proprietary	10%	0.00022%
			Propargyl alcohol	107-19-7	8%	0.00018%
NE-217	Chemplex, L.C.	Non and De-Emulsifiers	Methyl Alcohol	67-56-1	60%	0.00138%
			Proprietary	Proprietary	30%	0.00069%
			Heavy Aromatic Petroleum Naptha	64742-94-5	10%	0.00023%
			Napthalene	91-20-3	10%	0.00023%

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: Charlotte VanValkenburg Title: Regulatory Manager

Date: 6/20/2014

E-mail Address: charlotv@kfoc.net

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.