

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 8, 2013

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original
☐ Amendment

4. Surface Hole Location:
Unit:D Lot:D Section:25 Township:25S Range:35E
Feet from:280 N/S Line:N
Feet from:660 E/W Line:W

5. Bottom Hole Location:
Unit:D Lot:D Section:25 Township:25S Range:35E
Feet from:280 N/S Line:N
Feet from:660 E/W Line:W

6. latitude: longitude:
32.1078071930838 -103.327657581062

7. County:
Lea

8. Operator Name and Address:
CHEVRON U S A INC
Attn: Sandy Stedman-Daniel
1400 Smith
Houston 77002

9. OGRID: 4323

10. Phone Number: 713-372-2978

11. Last Fracture Date: 10/13/2015 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
97098

14. Gross Fractured Interval:
12,005 ft to 16,137 ft

15. True Vertical Depth (TVD):
11,880 ft

16. Total Volume of Fluid Pumped:
3,539,840 gals

17. Total Volume of Re-Use Water Pumped:
N/A

18. Percent of Re-Use Water in Fluid Pumped:
Not Disclosed

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)
Fresh Water	Operator	Base Fluid	Fresh Water	7732-18-5	100%	84.6339%
HCl > 10%	Halliburton	Base Fluid	NA	NA	0%	0%
BE-9, CL-28M CROSSLINKER, CL-31 CROSSLINKER, Cla-W	Halliburton	Additive, Biocide, Breaker, Concentrate, Corrosion Inhibitor, Crosslinker, Defoamer, Gelling Agent,	NA	NA	0%	0%
SAND-CRC-20/40, BULK SAND-PREMIUM WHITE-20/40, BU	Halliburton		NA	NA	0%	0%
Corrosorb 3600, Parasorb 5013, Scaletrol 720	Baker Hughes	Corrosion Inhibitor, Paraffin Inhibitor, Scale Inhibitor	NA	NA	0%	0%
FR-86	Halliburton	Friction Reducer	NA Acid phosphate ester Alcohols, C14-C15, ethoxylated Alkane Alkenes Amine salts Ammonium persulfate Ammonium salt Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex Borate salts Calcium chloride (CaCl2) Complex alkylamine Crystalline silica, quartz Crystalline Silica, Quartz Crystalline silica, Quartz (SiO2) Cured acrylic resin Diatomaceous earth, calcined Ethoxylated alcohol Ethylene glycol Ethylenediaminetetraacetic acid, tetrasodium salt Fatty acids, tall oil Glycerine Guar gum Hdrotreated light petroleum distillate Hexamethylenetetramine Inorganic mineral Methanol NFIDB:HCl > 10% Olefins Phenol / formaldehyde resin Poly(oxy-1,2-ethanediy), ,alpha.-isodecyl- -omega.-hydroxy- Polymer Polypropylene glycol Potassium hydroxide Potassium metaborate Propargyl alcohol Quaternary amine Quaternary ammonium chloride Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide Silica gel Siloxanes and Silicones, di-Me, reaction products with silica Sodium bicarbonate Sodium chloride Sodium hydroxide Sodium perborate tetrahydrate Sodium persulfate Sodium sulfate Surfactant mixture Tributyl tetradecyl phosphonium chloride Water White mineral oil	NA Proprietary 68951-67-7 Confidential Confidential Confidential 7727-54-0 Confidential 121888-68-4 Confidential 10043-52-4 Proprietary 14808-60-7 14808-60-7 14808-60-7 Confidential 91053-39-3 Proprietary 107-21-1 64-02-8 Confidential 56-81-5 9000-30-0 Proprietary 100-97-0 Confidential 67-56-1 NFIDB:HCl > 10% Confidential 9003-35-4 61827-42-7 Proprietary 25322-69-4 1310-58-3 13709-94-9 107-19-7 Confidential Proprietary 68527-49-1 112926-00-8 67762-90-7 144-55-8 7647-14-5 1310-73-2 10486-00-7 7775-27-1 7757-82-6 Confidential 81741-28-8 7732-18-5 8042-47-5	0% 10% 30% 1% 100% 0.1% 100% 60% 5% 60% 5% 5% 30% 80% 5% 30% 0.01% 30% 30% 100% 30% 2% 5% 60% 100% 5% 5% 30% 1% 30% 5% 30% 100% 100% 0.1% 1% 10% 100% 20% 30% 1% 30% 0.01% 5% 30% 100% 100% 0.1% 1% 10% 100% 20%	0% 0.00043% 0.00083% 0.00088% 0.01886% 5E-05% 0.00645% 0.01645% 0.00705% 0.01761% 0.00128% 0.00439% 13.18526% 0.00014% 0.00026% 0.00194% 0.02064% 0.00316% 0.00767% 1E-05% 0.00083% 0.01898% 0.14091% 0.01898% 0.1073% 0.00147% 0.00166% 1.66775% 0.00033% 0.26825% 0.02634% 0.00029% 0.00566% 0.0011% 0.01315% 0.00118% 0.00151% 0% 0.00282% 0.0039% 0.19873% 0.0043%

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: Denise Pinkerton

Date: 11/23/2015

E-mail Address: leakejd@chevron.com

Title: Regulatory Specialist

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