

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

1. WELL API NO:
30-015-43040

2. Well Name:
MIDNIGHT SUN 2 26 27 #005H

3. Well Number:
005H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:D Lot:D Section:2 Township:26S Range:27E
Feet from:175 Feet from:775 N/S Line:N E/W Line:W

5. Bottom Hole Location:
Unit:D Lot:D Section:2 Township:26S Range:27E
Feet from:175 Feet from:775 N/S Line:N E/W Line:W

6. latitude: 32.0784835696615 longitude: -104.167031083721

7. County:
Eddy

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: 8/13/2015 Frac Performed by: HALLIBURTON

12. Production Type:
O

13. Pool Code(s):
16800

14. Gross Fractured Interval:
9,412 ft to 13,824 ft

15. True Vertical Depth (TVD):
14,126 ft

16. Total Volume of Fluid Pumped:
3,321,915 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)
FE Acid < 10%	Halliburton	Base Fluid	NA	NA	0%	0%
Fresh Water	Operator	Base Fluid	Fresh Water	7732-18-5	100%	84.6741%
BE-9, CL-28M CROSSLINKER, CL-31 CROSSLINKER, Cla-W	Halliburton	Additive, Biocide, Breaker, Concentrate, Corrosion Inhibitor, Crosslinker, Friction Reducer, Gelling	NA	NA	0%	0%
WG-36 GELLING AGENT	Halliburton		NA	NA	0%	0%
CorrSorb 3600, Parasorb, Scaletrol	Baker Hughes	Corrosion Inhibitor, Scale Inhibitor	NA Acid phosphate ester Alcohols ethoxylated Alcohols, C14-C15, ethoxylated Alkane Amide Amine salts Ammonium chloride Ammonium persulfate Ammonium salt Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex Borate salts Calcium Chloride Complex alkylamine Crystalline silica, quartz Crystalline Silica, Quartz Crystalline silica: Quartz Cured acrylic resin Diatomaceous earth, calcined Ethylene Glycol Ethylenediaminetetraacetic acid, tetrasodium salt Fatty acids, tall oil Guar gum Hexamethylenetetramine Hydrotreated light petroleum distillate Inorganic mineral Methanol NFIDB:FE Acid < 10% Olefins Phenol / formaldehyde resin Poly(oxy-1,2-ethanediy), ,alpha -isodecyl- omega -hydroxy- Polyacrylamide copolymer Polymer 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 Sodium bicarbonate Sodium chloride Sodium hydroxide Sodium perborate tetrahydrate Sodium persulfate Sodium sulfate Sorbitan monooleate polyoxyethylene derivative Sorbitan, mono-9-octadecenoate, (Z) Surfactant mixture Tributyl tetradecyl phosphonium chloride Water White mineral oil	NA Confidential Confidential 68951-67-7 Confidential Confidential Confidential 12125-02-9 7727-54-0 Confidential 121888-68-4 Confidential 10043-52-4 Proprietary 14808-60-7 14808-60-7 14808-60-7 Confidential 91053-39-3 107-21-1 64-02-8 Confidential 9000-30-0 100-97-0 64742-47-8 Confidential 67-56-1 NFIDB:FE Acid < 10% Confidential 9003-35-4 61827-42-7 Confidential Proprietary 1310-58-3 13709-94-9 107-19-7 Confidential Confidential 68527-49-1 112926-00-8 144-55-8 7647-14-5 1310-73-2 10498-09-7 7775-27-1 7757-82-6 9005-65-6 1338-43-8 Confidential 81741-28-8 7732-18-5 8042-47-5	0% 0% 10% 5% 30% 1% 5% 0.1% 5% 100% 60% 5% 60% 5% 5% 100% 2% 30% 5% 60% 100% 5% 30% 5% 60% 100% 2% 30% 5% 60% 100% 20% 30% 1% 0.01% 5% 30% 100% 100% 100% 100% 0.1% 1% 1% 10% 100% 20%	0% 84.6741% 0% 0% 0.00048% 0.00228% 0.00064% 0.0008% 0.00228% 6E-05% 0.00228% 0.00403% 0.01669% 0.0051% 0.0153% 0.00125% 0.004% 13.58802% 0.0001% 0.00029% 0.00121% 0.02311% 0.00747% 1E-05% 0.00064% 0.10209% 0.08332% 0.01366% 0.00128% 0.00128% 1.33321% 0.00026% 0.20831% 0.02401% 0.01366% 0.00026% 0.00061% 0.00733% 0.00021% 0.0017% 0.00096% 0.00064% 0.00102% 1E-05% 0.00379% 0.00373% 0.00259% 0.00022% 0% 0.00046% 0.00046% 0.00204% 0.00388% 0.19787% 0.00482%

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: 9/18/2015

E-mail Address: leakejd@chevron.com

Title: Regulatory Specialist

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.