

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:
30-015-41046

2. Well Name:
SKEEN 2 26 27 STATE #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original
☐ Amendment

4. Surface Hole Location:
Unit:D Lot:D Section:2 Township:26S Range:27E
Feet from:175 N/S Line:N
Feet from:400 E/W Line:W

5. Bottom Hole Location:
Unit:D Lot:D Section:2 Township:26S Range:27E
Feet from:175 N/S Line:N
Feet from:400 E/W Line:W

6. latitude:
32.0785568012151 longitude:
-104.168246085201

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: 10/8/2014 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
16800

14. Gross Fractured Interval:
8,092 ft to 12,392 ft

15. True Vertical Depth (TVD):
7,815 ft

16. Total Volume of Fluid Pumped:
3,525,159 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				100%	83.87247%
HYDROCHLORIC ACID 5-10%	Halliburton		Hydrochloric acid	7647-01-0	10%	0.10114%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	12.30152%
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	2.42753%
			Hexamethylenetetramine	100-97-0	2%	0.04855%
			Phenol / formaldehyde resin	9003-35-4	5%	0.12138%
LoSurf-360W	Halliburton	Surfactant	Complex alkylamine	Confidential Business Information	5%	0.0043%
			Glycerine	56-81-5	10%	0.00861%
			Poly(oxy-1,2-ethanediyl), alpha -isodecyl- omega -hydroxy-	61827-42-7	30%	0.02582%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.0161%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00473%
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.00553%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01216%
LCA-1	Halliburton	Solvent	Monoethanolamine borate	26038-87-9	100%	0.04052%
			Paraffinic solvent	Confidential Business Information	100%	0.00078%
3rd Party Scale Inhibitor Scaletrol 720	Operator	*3rd Party Additive	*Supplied by Operator		100%	0.02516%
	Baker Hughes	Scale Inhibitor	Ethylene glycol	107-21-1	30%	0.00755%
			Calcium chloride	10043-52-4	5%	0.00126%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00103%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10488-00-7	100%	0.00244%
OPTIFLO-II DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.00998%
			Crystalline silica, quartz	14808-60-7	10%	0.001%
CorrSorb 3600	Baker Hughes	Corrosion inhibitor	Diatomaceous earth, calcined	91053-39-3	100%	0.00456%
			Quaternary ammonium chloride	Confidential	30%	0.00137%
			Acid phosphate ester	Confidential	10%	0.00046%
			Crystalline silica: Quartz	14808-60-7	1%	5E-05%
Parasorb 5000	Baker Hughes	Paraffin inhibitor	Diatomaceous earth, calcined	91053-39-3	60%	0.01369%
			Mineral Oil	8042-47-5	30%	0.00685%
			Crystalline silica: Quartz	14808-60-7	1%	0.00023%
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%
Ingredients Listed Below This Line Are Part of the			Alcohols, C12-16, ethoxylated	68551-12-2	0%	0%
			Alkane	Confidential Business Information	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Ammonium chloride	12125-02-9	0%	0%
			Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			Crystalline Silica, Quartz	14808-60-7	0%	0%
			Cured acrylic resin	Confidential Business Information	0%	0%
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0%	0%
			Fatty acid tall oil amide	Confidential Business Information	0%	0%
			Hydrogen peroxide	7722-84-1	0%	0%
			Nitrotriactic acid, trisodium salt monohydrate	5064-31-3	0%	0%
			Polyacrylamide copolymer	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Silica gel	112926-00-8	0%	0%
			Sodium bicarbonate	144-65-8	0%	0%
			Sodium chloride	7847-14-5	0%	0%
			Sodium glycolate	2836-32-0	0%	0%
			Sodium hydroxide	1310-73-2	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	0%	0%
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Water	7732-18-5	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: Cindy Herrera-Murillo

Date: 10/15/2014 Title: Permitting Specialist

E-mail Address: eeof@chevron.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.