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.
30-015-40102

2. Well Name:
SKELLY UNIT #688

3. Well Number:
688

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:A Lot:A Section:21 Township:17S Range:31E
Feet from:290 N/S Line:N
Feet from:890 E/W Line:E

5. Bottom Hole Location:
Unit:A Lot:A Section:21 Township:17S Range:31E
Feet from:290 N/S Line:N
Feet from:890 E/W Line:E

6. latitude: 32.8265286307188 longitude: -103.869047068656

7. County:
Eddy

8. Operator Name and Address:
CHEVRON U S A INC
Attn: Sandy Stedman-Daniel
P.O. Box 2100
Houston 77252

9. OGRID: 4323

10. Phone Number: 505-333-1941

11. Last Fracture Date: 7/6/2012 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
26770

14. Gross Fractured Interval:
4,904 ft to 6,180 ft

15. True Vertical Depth (TVD):
6,703 ft

16. Total Volume of Fluid Pumped:
487,433 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%	83.6734%
HF Acid 12%/3%	Halliburton				100%	2.18426%
Ottawa 16/30	Halliburton				100%	11.52234%
CRC 16/30	Halliburton				100%	2.15462%
CAT-4	Halliburton	Activator	Diethylenetriamine	111-40-0	60%	0.03637%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.0207%
			Monoethanolamine borate	26038-87-9	100%	0.06901%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00023%
BE-7™	Halliburton	Biocide	Sodium hydroxide	1310-73-2	2%	0.00088%
			Sodium hypochlorite	7681-52-9	30%	0.01315%
LoSurf-300D	Halliburton	Surfactant	1,2,4 Trimethylbenzene	95-63-6	1%	0.00074%
			Ethanol	64-17-5	60%	0.04445%
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.02223%
			Naphthalene	91-20-3	5%	0.0037%
			Poly(oxy-1,2-ethanediyl),alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5%	0.0037%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.03196%
			Ethoxylated Nonylphenol	Confidential Business Information	60%	0.03196%
LCA-1	Halliburton	Misc Additive	Paraffinic solvent	Confidential Business Information	100%	0%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00086%
			Walnut hulls	Mixture	100%	0.00288%
K-35	Halliburton	Buffer	Sodium carbonate	497-19-8	100%	0%
WG-31 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.16092%
					0%	0%
					0%	0%
					0%	0%
					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 Title: Permitting Specialist

Date: 12/3/2013

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.