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.
30-025-41706

2. Well Name:
RED HILLS WEST 16 STATE TC #012H

3. Well Number:
012H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:A Lot:A Section:16 Township:26S Range:32E
Feet from:349 N/S Line:N
Feet from:330 E/W Line:E

5. Bottom Hole Location:
Unit:A Lot:A Section:16 Township:26S Range:32E
Feet from:349 N/S Line:N
Feet from:330 E/W Line:E

6. latitude: 32.0493546 longitude: -103.6723938

7. County:
Lea

8. Operator Name and Address:
CONOCOPHILLIPS COMPANY
3401 E. 30th Street
Farmington 87402

9. OGRID: 217817

10. Phone Number: 505-326-9518

11. Last Fracture Date: 6/18/2015 Frac Performed by: Sanjel

12. Production Type:
O

13. Pool Code(s):
97838

14. Gross Fractured Interval:
11,084 ft to 15,304 ft

15. True Vertical Depth (TVD):
10,750 ft

16. Total Volume of Fluid Pumped:
7,421,474 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)
Base Fluid	Operator	Carrier	Water	7732-18-5	100%	87.06428%
Silica Sand	Sanjel	Proppant	Crystalline Silica, SiO2	14808-60-7	99.9%	10.07582%
			Water	7732-18-5	85%	1.53024%
15% HCl	Sanjel	Acid	Hydrogen Chloride Anhydrous	7647-01-0	40%	0.27919%
AQUCAR GA 50	Sanjel	Biocide	Glutaraldehyde	111-30-8	50%	0.01287%
			Water	7732-18-5	50%	0.01287%
Base-N10	Sanjel	High pH Buffer	Sodium Hydroxide	1310-73-2	60%	0.01302%
			Sodium Chloride	7647-14-5	5%	0.00109%
Breaker-2B	Sanjel	Break fluid	Ammoniun persulfate	7727-54-0	100%	0.00116%
			Silica, crystalline - quartz	14808-60-7	10%	0.00012%
BX-8L	Sanjel	Crosslinker	Boric Acid, sodium salt	1333-73-9	30%	0.02545%
FRW-4	Sanjel	Friction reducer	No hazardous ingredients	NA	100%	0.02419%
LDP-F-2214	Sanjel	Non-emulsifier	Benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	30%	0.01329%
			Hexylene glycol	107-41-5	30%	0.01329%
			Diethylenetriamine	111-40-0	5%	0.00018%
TPC-F-028	Sanjel	Scale Inhibitor	Organophosphonate	Proprietary	40%	0.01883%
			Ethylene Glycol	107-21-1	30%	0.01412%
WG-2BL	Sanjel	Gellant	No hazardous ingredients	NA	100%	0.00807%
WG-2BS	Sanjel	Gellant	Guar Gum	9000-30-0	100%	0.13373%

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: Rhonda S Rogers Title: Staff Regulatory Technician

Date: 7/28/2015

E-mail Address: rhonda.s.rogers@conocoPhillips.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.