

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 February 15, 2012

1. WELL API NO.  
30-025-40414

2. Well Name:  
RED HILLS WEST 16 STATE #005H

3. Well Number:  
005H

4. Surface Hole Location:  
Unit:D    Lot:D    Section:16    Township:26S    Range:32E  
Feet from:180    N/S Line:N  
Feet from:690    E/W Line:W

5. Bottom Hole Location:  
Unit:D    Lot:D    Section:16    Township:26S    Range:32E  
Feet from:180    N/S Line:N  
Feet from:690    E/W Line:W

6. latitude:  
32.0497957056817    longitude:  
-    103.686359086034

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:    4/14/2013    Frac Performed by:    Trican

12. Production Type:  
O

13. Pool Code(s):  
97838

14. Gross Fractured Interval:  
9,849 ft to 13,525 ft

15. True Vertical Depth (TVD):  
9,307 ft

16. Total Volume of Fluid Pumped:  
2,030,928 gals

17. 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)
Water	Customer	Carrier	Water	7732-18-5	100%	92.06767%
15% HCL	Trican	Carrier	Hydrochloric acid	7647-01-0	15%	0.32788%
White 20/40	Trican	Proppant	Crystalline silica: Quartz (SiO2)	14808-60-7	100%	4.30014%
White 40/70	Trican	Proppant	Crystalline silica: Quartz (SiO2)	14808-60-7	100%	0.94811%
S-15 (Surfactant)	Trican	Surfactant	Alcohol alkoxylate	Proprietary	20%	0.01834%
			Methanol	67-56-1	20%	0.01834%
LCLM-30 (Borate Crosslinker)	Trican	Crosslinker	Potassium Metaborate	16481-66-6	99.8%	0.08268%
			Ethylene Glycol	107-21-1	25%	0.02071%
			Potassium hydroxide	1310-58-3	25%	0.02071%
Bactron K-31	Trican	Biocide	Gluteraraldehyde	111-30-8	25%	0.01365%
CC-8 (Clay Control)	Trican	Clay Control	choline chloride	67-48-1	71%	0.02312%
pH-11 (pH Buffer)	Trican	pH Buffer	Potassium carbonate	584-08-7	38%	0.0065%
			Potassium hydroxide	1310-58-3	13%	0.00222%
FR-12 (Anionic Acrylamide)	Trican	Friction Reducer	Mineral oil/ light hydrotreated pet. distillate	64742-47-8	60%	0.00953%
			Anionic polyacrylamide copolymer	25987-30-8	40%	0.00635%
			Ammonium Chloride	12125-02-9	2%	0.00032%
LAI-20 (Acid Inhibitor)	Trican	Acid Inhibitor	Methanol	67-56-1	31%	0.00272%
			alcohol ethoxylate surfactants	Proprietary	30%	0.00264%
			modified thiourea polymer	68527-49-1	30%	0.00264%
			n-olefins	Proprietary	10%	0.00088%
			Prop-2-yn-1-ol	107-19-7	8%	0.0007%
FEAC-20 (Iron Control)	Trican	Iron Control	Acetic acid	64-19-7	45%	0.00325%
			Citric acid	77-92-9	30%	0.00217%
Encap LP (Low temp Breaker)	Trican	Breaker	ammonium persulfate	7727-54-0	75%	0.00167%
			cured acrylic resin	Proprietary	16%	0.00036%
			Crystalline silica: Quartz (SiO2)	14808-60-7	10%	0.00022%
			Talc	14807-96-6	2%	4E-05%
WBO-1 (Oxidizer Breaker)	Trican	Breaker	ammonium persulfate	7727-54-0	100%	0.00216%
GBO-1 (Breaker)	Trican	Breaker	Sodium perBorate tetrahydrate	10486-00-7	98%	0.00135%
			Silica, Amorphous	112926-00-8	0%	0%
			Sorbitan monooleate	1338-43-8	0%	0%
			Glass, Oxide	65997-17-3	0%	0%
			Water	7732-18-5	0%	0%
			guar gum	9000-30-0	0%	0%

18. 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:    Ashley Martin

Staff Regulatory Title:    Technician

Date:    10/16/2013

E-mail Address:    Ashley.Martin@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.