

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:
30-025-41012

2. Well Name:
RUBY FEDERAL #016

3. Well Number:
016

4. Surface Hole Location:
Unit:K Lot:K Section:17 Township:17S Range:32E
Feet from:2260 N/S Line:S
Feet from:1980 E/W Line:W

5. Bottom Hole Location:
Unit:K Lot:K Section:17 Township:17S Range:32E
Feet from:2260 N/S Line:S
Feet from:1980 E/W Line:W

6. latitude: longitude:
32.8335794162872 -
103.790784486238

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: 8/7/2013 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
44500

14. Gross Fractured Interval:
5,430 ft to 5,562 ft

15. True Vertical Depth (TVD):
6,940 ft

16. Total Volume of Fluid Pumped:
293,297 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)
Fresh Water	Operator	Base Fluid	Fresh Water	7732-18-5	100%	79.7157%
HYDROCHLORIC ACID 10 -30%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	30%	0.84559%
SAND - PREMIUM - 100 MESH, 100 LB. SK (101213353)	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	0.19553%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	14.08042%
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	2.62016%
			Hexamethylenetetramine	100-97-0	2%	0.0524%
			Phenol / formaldehyde resin	9003-35-4	5%	0.13101%
LoSurf-360W	Halliburton	Surfactant	Complex alkylamine	Confidential Business Information	5%	0.00417%
			Glycerine	56-81-5	10%	0.00834%
			Poly(oxy-1,2-ethanediyl), ,alpha.-isodecyl-, omega.-hydroxy-	61827-42-7	30%	0.02501%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	9E-05%
SCALECHEK LP-55	Halliburton	Scale Inhibitor	Polyacrylate	Confidential Business Information	60%	0.03164%
ALDACIDE® G	Halliburton	Biocide	Glutaraldehyde	111-30-8	30%	0.01806%
Antimicrobial	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.00985%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.02088%
MO-67	Halliburton	pH Control Additive	Monoethanolamine borate	26038-87-9	100%	0.06959%
SUPERSET W	Halliburton	Activator	Sodium hydroxide	1310-73-2	30%	0.00675%
			Methanol	67-56-1	60%	0.0264%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.0264%
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential Business Information	100%	0.04245%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.17266%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00137%
			Walnut hulls	Mixture	100%	0.00456%
BE-6 MICROBIOCID	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	0.00078%
Ingredients Listed Below This Line Are Part of the			1,2-Benzisothiazolin-3-one	2634-33-5	0%	0%
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfon-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%
			2,7-Naphthalenedisulfonic acid, 5-(acetylamino) -4- hydroxy-3-[(2-methoxyphenyl) azo] -, disodium salt	6625-46-3	0%	0%
			Alkane	Confidential Business Information	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			C.I. Pigment Red 5	6410-41-9	0%	0%
			Calcium chloride	10043-52-4	0%	0%
			Crystalline Silica, Quartz	14808-60-7	0%	0%
			Cured acrylic resin	Confidential Business Information	0%	0%
			Cured acrylic resin	Confidential Business Information	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0%	0%
			Food red 10	3734-67-6	0%	0%
			Hydrogen peroxide	7722-84-1	0%	0%
			Methanol	67-56-1	0%	0%
			Nitrotriacetic acid, trisodium salt monohydrate	5064-31-3	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	144-55-8	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Sodium glycollate	2836-32-0	0%	0%
			Sodium hydroxide	1310-73-2	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Water	7732-18-5	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

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