

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:
30-025-41330

2. Well Name:
BRININSTOOL 23 23 33 USA #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:B Lot:B Section:23 Township:23S Range:33E
Feet from:149 N/S Line:N
Feet from:1568 E/W Line:E

5. Bottom Hole Location:
Unit:B Lot:B Section:23 Township:23S Range:33E
Feet from:149 N/S Line:N
Feet from:1568 E/W Line:E

6. latitude:
32.2970454763689 longitude:
-103.539684161858

7. County:
Lea

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: 1/24/2014 Frac Performed by: FTSI

12. Production Type:
O

13. Pool Code(s):
5150

14. Gross Fractured Interval:
11,310 ft to 15,735 ft

15. True Vertical Depth (TVD):
11,310 ft

16. Total Volume of Fluid Pumped:
1,714,704 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)
Water	Operator	Carrier	Water	7732-18-5	100%	0.85529%
30/50 White	FTSI	proppant	Silica, Quartz	14808-60-7	100%	0.08378%
20/40 Super LC	FTSI	proppant	Crystalline Silica (quartz)	14808-60-7	97%	0.03472%
			Phenol-Formaldehyde Novolak Resin	9003-35-4	5%	0.00179%
			Hexamethylenetetramine	100-97-0	1%	0.00036%
Hydrochloric Acid (HCl)	FTSI	Acid	Water	7732-18-5	63%	0.01265%
			Hydrogen Chloride	7647-01-0	37%	0.00743%
HVG-1	FTSI	Water Gelling Agent	Guar Gum	9000-30-0	55%	0.001%
			Petroleum Distillate	64742-47-8	55%	0.001%
			Raffinates (Petroleum), Sorption Process	64741-85-1	50%	0.00091%
			Clay	1302-78-9	5%	9E-05%
			Clay	14808-60-7	2%	4E-05%
			Surfactant	154518-36-2	1%	2E-05%
			Surfactant	24938-91-8	1%	2E-05%
			Surfactant	9043-30-5	1%	2E-05%
NE-100	FTSI	Non-emulsifier	Water	7732-18-5	90%	0.00082%
			2-Butoxyethanol	111-76-2	10%	9E-05%
			2-Propanol	67-63-0	10%	9E-05%
			Dodecylbenzenesulfonic acid	27176-87-0	5%	5E-05%
			Benzene, C10-16 Alkyl Derivatives	68648-87-3	0.04%	0%
			Unsulphonated Matter	Proprietary	0.03%	0%
			Sulfuric Acid	7664-93-9	0.01%	0%
			Sulfur Dioxide	9/546	0%	0%
FRW-200	FTSI	Friction reducer	Water	7732-18-5	48%	0.00018%
			Copolymer of acrylamide and sodium acrylate	25987-30-8	33%	0.00012%
			Petroleum distillate hydrotreated light	64742-47-8	26%	0.0001%
			Acrylamide P/W acrylic acid, ammonium salt	26100-47-0	25%	9E-05%
			Ammonium Chloride	12125-02-9	12%	5E-05%
			Surfactant	Proprietary	7%	3E-05%
			Hydrotreated heavy paraffinic	64742-54-7	5%	2E-05%
			Alcohols (C10-C16), ethoxylated	68002-97-1	4%	2E-05%
			Alcohols (C12-C14), ethoxylated	68439-50-9	4%	2E-05%
			Alcohols (C12-C16), ethoxylated	68551-12-2	4%	2E-05%
			Polyethylene glycol monooleate	9004-96-0	3%	1E-05%
			Sorbitan Monooleate	1338-43-8	3%	1E-05%
			Sorbitol Tetraoleate	61723-83-9	2%	1E-05%
			Dewaxed heavy paraffinic	64742-65-0	1.5%	1E-05%
			Alkylloxypolyethyleneoxyethanol	84133-50-6	1%	0%
			Ammonium Acrylate	10604-69-0	0.5%	0%
			Isopropanol	67-63-0	0.3%	0%
			Acrylamide	79-06-1	0.1%	0%
CS-250 SI	FTSI	Scale Inhibitor	Water	7732-18-5	81%	0.00045%
			Sodium Polyacrylate	4/7/03	10%	6E-05%
			Ethylene glycol	107-21-1	10%	6E-05%
			Sodium chloride	7647-14-5	6%	3E-05%
BXL-2	FTSI	Borate crosslinker	Water	7732-18-5	75%	0.00034%
			Sodium metaborate	10555-76-7	25%	0.00011%
			Boric acid	10043-35-3	15%	7E-05%
			Potassium hydroxide	1310-58-3	12%	5E-05%
B-10	FTSI	High pH buffer	Water	7732-18-5	55%	0.00012%
			Potassium carbonate	584-08-7	48%	0.00011%
			Potassium hydroxide	1310-58-3	20%	4E-05%
ICI-150	FTSI	Biocide	Water	7732-18-5	50%	0.00012%
			Gluteral	111-30-8	50%	0.00012%
			Methanol	67-56-1	0.5%	0%
CI-150	FTSI	Acid Corrosion Inhibitor	Ethylene Glycol	107-21-1	30%	2E-05%
			Isopropanol	67-63-0	30%	2E-05%
			Organic amine resin salt	Proprietary	30%	2E-05%
			Alkylene Oxide Block Polymer	Proprietary	10%	1E-05%
			Dimethylformamide	68-12-2	10%	1E-05%
			Aromatic aldehyde	Proprietary	10%	1E-05%
			Quaternary ammonium compound	Proprietary	10%	1E-05%
			Water	7732-18-5	5%	0%
			Diethylene glycol	111-46-6	1%	0%
			Fatty Acid Salt	Proprietary	0.1%	0%
			Fatty Acid	Proprietary	0.1%	0%
			Aliphatic alcohol	Proprietary	0.1%	0%
FE-100L	FTSI	Iron control	Water	7732-18-5	60%	1E-05%
			Citric acid	77-92-9	55%	1E-05%
APB-1	FTSI	Gel breaker	Ammonium Persulfate	7727-54-0	100%	2E-05%
Ingredients shown above are subject to 29 CFR 1910					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: 5/1/2014

E-mail Address: eeof@chevron.com

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