

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:
30-005-29204

2. Well Name:
PERSEUS 10 FEDERAL COM #004H

3. Well Number:
004H

4. Surface Hole Location:
Unit:A Lot:A Section:10 Township:15S Range:31E
Feet from:660 N/S Line:N
Feet from:200 E/W Line:E

5. Bottom Hole Location:
Unit:A Lot:A Section:10 Township:15S Range:31E
Feet from:660 N/S Line:N
Feet from:200 E/W Line:E

6. latitude: longitude:
33.0359444548527 -
103.801586530118

7. County:
Chaves

9. 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: 9/6/2013 Frac Performed by: FTSI

12. Production Type:
O

13. Pool Code(s):
97715

14. Gross Fractured Interval:
8,305 ft to 13,341 ft

15. True Vertical Depth (TVD):
8,731 ft

16. Total Volume of Fluid Pumped:
1,192,736 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)
30/50 White	FTSI	proppant	Silica, Quartz	14808-60-7	100%	9.45108%
20/40 Super LC	FTSI	proppant	Crystalline Silica (quartz)	14808-60-7	97%	3.89937%
20/40 Super LC	FTSI	proppant	*Phenol-Formaldehyde Novolak	9003-35-4	5%	0.201%
20/40 Super LC	FTSI	proppant	Hexamethylenetetramine	100-97-0	1%	0.0402%
*Hydrochloric Acid	FTSI	Acid	Water	7732-18-5	63%	2.21085%
*Hydrochloric Acid	FTSI	Acid	Hydrogen Chloride	7647-01-0	37%	1.29843%
HVG-1	FTSI	Water Gelling Agent	Guar Gum	9000-30-0	55%	0.11905%
HVG-1	FTSI	Water Gelling Agent	Petroleum Distillate	64742-47-8	55%	0.11905%
HVG-1	FTSI	Water Gelling Agent	*Raffinates (Petroleum), Sorption	64741-85-1	50%	0.10822%
HVG-1	FTSI	Water Gelling Agent	Clay	1302-78-9	5%	0.01082%
HVG-1	FTSI	Water Gelling Agent	Clay	14808-60-7	2%	0.00433%
HVG-1	FTSI	Water Gelling Agent	Surfactant	24938-91-8	1%	0.00216%
HVG-1	FTSI	Water Gelling Agent	Surfactant	9043-30-5	1%	0.00216%
HVG-1	FTSI	Water Gelling Agent	Surfactant	154518-36-2	1%	0.00216%
NE-100	FTSI	Non-emulsifier	Water	7732-18-5	90%	0.07577%
NE-100	FTSI	Non-emulsifier	2-Propanol	67-63-0	10%	0.00842%
NE-100	FTSI	Non-emulsifier	2-Butoxyethanol	111-78-2	10%	0.00842%
NE-100	FTSI	Non-emulsifier	Dodecylbenzenesulfonic acid	27176-87-0	5%	0.00421%
NE-100	FTSI	Non-emulsifier	*Benzene, C10-16 Alkyl	68648-87-3	0.04%	4E-05%
NE-100	FTSI	Non-emulsifier	Unsulphonated Matter	Proprietary	0.03%	2E-05%
NE-100	FTSI	Non-emulsifier	Sulfuric Acid	7664-93-9	0.01%	1E-05%
BXL-2	FTSI	Borate crosslinker	Sodium metaborate	10555-76-7	25%	0.0158%
BXL-2	FTSI	Borate crosslinker	Water	7732-18-5	75%	0.04741%
BXL-2	FTSI	Borate crosslinker	Boric acid	10043-35-3	15%	0.00948%
BXL-2	FTSI	Borate crosslinker	Potassium hydroxide	1310-58-3	12%	0.00759%
CS-250 SI	FTSI	Scale Inhibitor	Water	7732-18-5	81%	0.04691%
CS-250 SI	FTSI	Scale Inhibitor	Sodium Polyacrylate	9003-04-7	10%	0.00579%
CS-250 SI	FTSI	Scale Inhibitor	Sodium chloride	7647-14-5	6%	0.00347%
CS-250 SI	FTSI	Scale Inhibitor	Ethylene glycol	107-21-1	10%	0.00579%
FRW-200	FTSI	Friction reducer	Water	7732-18-5	48%	0.01037%
FRW-200	FTSI	Friction reducer	*Copolymer of acrylamide and Petroleum distillate hydrotreated	25987-30-8 64742-47-8	33%	0.00713%
FRW-200	FTSI	Friction reducer	*Acrylamide PW acrylic acid,	26100-47-0	25%	0.0054%
FRW-200	FTSI	Friction reducer	Ammonium Chloride	12125-02-9	12%	0.00259%
FRW-200	FTSI	Friction reducer	Surfactant	Proprietary	7%	0.00151%
FRW-200	FTSI	Friction reducer	Hydrotreated heavy paraffinic	64742-54-7	5%	0.00108%
FRW-200	FTSI	Friction reducer	Alcohols (C10-C16), ethoxylated	68002-97-1	4%	0.00086%
FRW-200	FTSI	Friction reducer	Alcohols (C12-C16), ethoxylated	68551-12-2	4%	0.00086%
FRW-200	FTSI	Friction reducer	Alcohols (C12-C14), ethoxylated	68439-50-9	4%	0.00086%
FRW-200	FTSI	Friction reducer	Sorbitan Monooleate	1338-43-8	3%	0.00065%
FRW-200	FTSI	Friction reducer	Polyethylene glycol monooleate	9004-96-0	3%	0.00065%
FRW-200	FTSI	Friction reducer	Sorbitol Tetraoleate	61723-83-9	2%	0.00043%
FRW-200	FTSI	Friction reducer	Alkyloxypolyethyleneoxyethanol	84133-50-6	1%	0.00022%
FRW-200	FTSI	Friction reducer	Dewaxed heavy paraffinic	64742-65-0	1.5%	0.00032%
FRW-200	FTSI	Friction reducer	Ammonium Acrylate	10604-69-0	0.5%	0.00011%
FRW-200	FTSI	Friction reducer	Isopropanol	67-63-0	0.3%	6E-05%
FRW-200	FTSI	Friction reducer	Acrylamide	79-06-1	0.1%	2E-05%
KCLS-4	FTSI	Clay Control	Choline Chloride	67-48-1	75%	0.02106%
KCLS-4	FTSI	Clay Control	Water	7732-18-5	30%	0.00843%
ICI-150	FTSI	Biocide	Water	7732-18-5	50%	0.01371%
ICI-150	FTSI	Biocide	Gluteral	111-30-8	50%	0.01371%
ICI-150	FTSI	Biocide	Methanol	67-56-1	0.5%	0.00014%
CI-150	FTSI	*Acid Corrosion	Isopropanol	67-63-0	30%	0.00279%
CI-150	FTSI	*Acid Corrosion	Ethylene Glycol	107-21-1	30%	0.00279%
CI-150	FTSI	*Acid Corrosion	Aromatic aldehyde	Proprietary	10%	0.00093%
CI-150	FTSI	*Acid Corrosion	Organic amine resin salt	Proprietary	30%	0.00279%
CI-150	FTSI	*Acid Corrosion	*Quaternary ammonium	Proprietary	10%	0.00093%
CI-150	FTSI	*Acid Corrosion	Alkylene Oxide Block Polymer	Proprietary	10%	0.00093%
CI-150	FTSI	*Acid Corrosion	Dimethylformamide	68-12-2	10%	0.00093%
CI-150	FTSI	*Acid Corrosion	Water	7732-18-5	5%	0.00047%
CI-150	FTSI	*Acid Corrosion	Diethylene glycol	111-46-6	1%	9E-05%
CI-150	FTSI	*Acid Corrosion	Fatty Acid Salt	Proprietary	0.1%	1E-05%
CI-150	FTSI	*Acid Corrosion	Aliphatic alcohol	Proprietary	0.1%	1E-05%
CI-150	FTSI	*Acid Corrosion	Fatty Acid	Proprietary	0.1%	1E-05%
B-10	FTSI	High pH buffer	Water	7732-18-5	55%	0.00559%
B-10	FTSI	High pH buffer	Potassium carbonate	584-08-7	48%	0.00488%
B-10	FTSI	High pH buffer	Potassium hydroxide	1310-58-3	20%	0.00203%
FE-100L	FTSI	Iron control	Water	7732-18-5	60%	0.00226%
FE-100L	FTSI	Iron control	Citric acid	77-92-9	55%	0.00206%
B-10	FTSI	High pH buffer	Water	7732-18-5	55%	0.00094%
B-10	FTSI	High pH buffer	Potassium carbonate	584-08-7	48%	0.00082%
B-10	FTSI	High pH buffer	Potassium hydroxide	1310-58-3	20%	0.00034%
APB-1	FTSI	Gel breaker	Ammonium Persulfate	7727-54-0	100%	0.00149%

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

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