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.
30-025-40602

2. Well Name:
KIEHNE RANCH 15 26 32 USA #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:M Lot:M Section:15 Township:26S Range:32E
Feet from:100 N/S Line:S
Feet from:400 E/W Line:W

5. Bottom Hole Location:
Unit:M Lot:M Section:15 Township:26S Range:32E
Feet from:100 N/S Line:S
Feet from:400 E/W Line:W

6. latitude: 32.0358887876282 longitude: -103.670095444101

7. County:
Lea

8. 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: 9/12/2012 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
97838

14. Gross Fractured Interval:
9,599 ft to 13,971 ft

15. True Vertical Depth (TVD):
9,390 ft

16. Total Volume of Fluid Pumped:
2,189 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)
FE acid	Halliburton	Acid	Hydrochloric Acid	007647-01-0	30%	0.2848%
HAI-OS	Halliburton	Corrosion Inhibitor	Methanol	000067-56-1	60%	0.00034%
Northern White Sand	Halliburton	Proppant-Natural	Crystalline Silica (Quartz Sand, SIlicon Dioxide)	014808-60-7	100%	9.08435%
CRC	Halliburton	Proppant-Resin Coated	Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	98%	2.03262%
100 Mesh Sand	Halliburton	Proppant -Natural	Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	100%	1.17416%
Para Sorb	Baker Hughes	Scale Inhibitor	Calcined Diatomaceous Earth	091053-39-3	65%	0.02087%
WG-36	Halliburton	Gelling Agent	Guar Gum	009000-30-0	100%	0.11396%
FR-66	Halliburton	Friction Reducer	Petroleum Distillate Hydrotreated Light	064742-47-8	30%	0.01961%
Superset W	Halliburton	Activator	Ethoxylated Nonylphenol	N/A	50%	0.01084%
BC-200 UC	Halliburton	Cross Linker	Proprietary Hydrotreated Light Petroleum Distillate	Trade Secet	30%	0.0079%
CL-31	Halliburton	Cross linker	Potassium Metaborate	013709-94-9	60%	0.00663%
MO-67	Halliburton	PH Adjusting agent	Sodium Hydroxide	001310-73-2	30%	0.00093%
19N	Halliburton	Non-Emulsifier	Methonal (Methyl Alcohol)	000067-56-1	60%	0.00035%
BE-6	Halliburton	Anti-Bacterial Agent	2-Bromo-2-nitro-1,3-propanediol	000052.51-7	100%	0.00023%
SGA-II	Halliburton	Gelling Agent	Petroleum Distillate Hyrdrotreated Light	064742-47-8	30%	0.0002%
HPH Breaker	Halliburton	Breaker	Sodium Chloride	007647-14-5	30%	0.00013%
MC MX 664-5	Multi-Chem	Surfactant	Methanol (Methyl Alcohol)	000067-56-1	70%	0.05318%
MC B-8642 (WS)	Multi-Chem	Anti-Bacterial Agent	Glutaraldehyde (Pentanediol)	000111-30-8	60%	0.01405%
MC-S-2510T (WS)	Multi-Chem	Scale Inhibitor	Ethylene Glycol	000107-21-1	60%	0.00575%

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: 11/18/2013

E-mail Address: eeof@chevron.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.