

Hydraulic Fracturing Reporting Example

1. Submit information within 30 days after completion of the last frac stage.

1(a) TVD of well, total water volume used, description of base fluid, and other fields in FracFocus (FracFocus Filing):

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date	12/6/2014
Job End Date	12/14/2014
State	New Mexico
County	Eddy
API Number	30-015-42616-00-00
Operator Name	Occidental Oil and Gas
Well Name and Number	CYPRESS 33 FEDERAL 7H
Longitude	-103.99177007
Latitude	32.26805323
Datum	NAD27
Federal/Tribal Well	NC
True Vertical Depth	8,745
Total Base Water Volume (gal)	3,521,865
Total Base Non Water Volume	0

Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Oxy Permian	Carrier / Base Fluid	Carrier / Base Fluid - Water	7732-18-5	100.00000	84.36554	
Ottawa Sand 20/40 (2.83 sg)	WFT	Proppant	Crystalline Silica in the form of Quartz	14808-60-7	100.00000	9.95427	
Black Ultra 20/40 (2.53 sg)	Momentive	Proppant	Quartz (SiO2) (Crystalline Silica)	14808-60-7	100.00000	3.65815	
Ottawa Sand 30/50 (2.83 sg)	WFT	Proppant	Crystalline Silica in the form of Quartz	14808-60-7	100.00000	1.03716	
15% HCL	WFT	Acid	Hydrochloric Acid	7647-01-0	15.00000	0.18533	
WGA-15L	WFT	Gelling Agents	Petroleum Distillates	64742-47-8	60.00000	0.15153	
WPB-584L	WFT	pH Adjusting Agents	Potassium Carbonate	584-06-7	40.00000	0.07160	
WNE-343L	WFT	Surfactant	Potassium Hydroxide	1310-58-3	20.00000	0.03590	

1(b) Actual source(s) and location (vicinity, facility, and permit numbers) of water used to frac:



1(c) Maximum surface pressure, rate & flush volume at end of each frac stage:

Stage	Maximum Surface Pressure	Rate bblm	Flush Volume bbls
1	8546	64.3	371
2	8169	68.3	396
3	7945	69.6	369
4	7925	69.5	370
Etc.			

1(d) Actual, estimated, or calculated fracture length, height, & direction:

Estimated: Length = 330'
Height = 526'
Azimuth = 90°

1(e) Actual MD of perforation or open-hole interval:

Stage	Top Perf (MD)	Btm Perf (MD)
1	6998	7264
2	15935	16159
3	15590	15818
4	15249	15476
Etc.		

1(f) Total volume of fluid recovered between completions of the last stage of frac and when the operator reports water production from well ONRR:

18,500 bbls

1(g) Handling of fluids recovered between commencement of fracking and implementation of approved plan for the disposal of produced water including (i) methods of handling (piping, tankers, holding ponds, re-use, or injection) (ii) method of disposal (% injected, % stored in disposal facility, % recycled):

Fluid was recovered into 500 bbl above ground steel tanks and trucked off location to third party disposal.

1(h) Certification by Operator

- (i) Complied with requirements in this rule
- (ii) FEDERAL LANDS: HF fluid constituents, complied with this rule and other Federal, State, and local laws and rules
- (iii) INDIAN LANDS: HF fluid constituents complied with this rule and other Federal, State, and local laws and rules

OPERATOR CERTIFICATION: I hereby certify that **OPERATOR NAME** has complied with requirements of Sec. 3162.3-3 Subsequent well operations; Hydraulic fracturing: parts (b), (e), (f), (g), and (h); and that the hydraulic fracturing fluid constituents, once they arrived on the lease, complied with all applicable permitting and notice requirements as well as all applicable Federal, State, and local laws, rules, and regulations.

Executed this ___ day of _____, _____

Print Name

Signature

1(i) Operator must submit MIT conducted

Tested surface casing to 2150# for 30 minutes. Test Passed.

Tested intermediate casing to 2750# for 30 minutes. Test Passed.

Tested production casing to 9800# for 30 minutes. Test Passed.