

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:
30-025-40566

2. Well Name:
PIRATE STATE #001H

3. Well Number:
001H

4. Surface Hole Location:
Unit:O Lot:O Section:16 Township:24S Range:34E
Feet from:460 N/S Line:S
Feet from:1650 E/W Line:E

5. Bottom Hole Location:
Unit:B Lot:B Section:16 Township:24S Range:34E
Feet from:330 N/S Line:N
Feet from:1650 E/W Line:E

6. latitude:
32.2115706407142 longitude:
-103.471733779254

7. County:
Lea

8. Operator Name and Address:
GMT EXPLORATION COMPANY LLC
1560 Broadway
Suite 2000
Denver 80202

9. OGRID:
260511

10. Phone Number:
720-946-3028

11. Last Fracture Date:
9/12/2014 Frac Performed by:
Halliburton

12. Production Type:
O

13. Pool Code(s):
96434

14. Gross Fractured Interval:
Confidential

15. True Vertical Depth (TVD):
11,500 ft

16. Total Volume of Fluid Pumped:
2,985,935 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)
Fresh Water	Operator				100%	83.8556%
HYDROCHLORIC ACID 10-30%	Halliburton		Hydrochloric acid	7647-01-0	30%	0.46428%
SAND - COMMON WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	1.18601%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	12.72454%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.02446%
FDP-S1007-11	Halliburton	Surfactant	Citrus, extract	94266-47-4	10%	0.00834%
FR-66	Halliburton	Friction Reducer	Isopropanol	67-63-0	30%	0.02502%
BE-9	Halliburton	Biocide	Hydrotreated light petroleum distillate	64742-47-8	30%	0.01517%
			Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00407%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00374%
BC-140	Halliburton	Crosslinker	Ethylene glycol	107-21-1	30%	0.00627%
			Monoethanolamine borate	26038-87-9	60%	0.01254%
SandWedge ABC	Halliburton	Flow Enhancer	Ethoxylated amine	Confidential Business Information	5%	0.01228%
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.07368%
			Naphthalene	91-20-3	5%	0.01228%
FE-1A ACIDIZING COMPOSITION	Halliburton	Additive	Acetic acid	64-19-7	60%	0.00906%
FE-2A	Halliburton	Additive	Acetic anhydride	108-24-7	100%	0.01511%
HA-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Citric acid	77-92-9	60%	0.00944%
			Methanol	67-56-1	60%	0.0015%
OptiKleen-WF™	Halliburton	Concentrate	Propargyl alcohol	107-19-7	10%	0.00025%
			Sodium perborate tetrahydrate	10486-00-7	100%	0.00553%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00037%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.09693%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.04942%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00182%
			Walnut hulls	Mixture	100%	0.00607%
			Acetic acid	64-19-7	0%	0%
			Alcohols, C12-16, ethoxylated	68551-12-2	0%	0%
			Alcohols, C14-C15, ethoxylated	68951-67-7	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Ammonium chloride	12125-02-9	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%
			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%
			Ethoxylated alcohols	Confidential Business Information	0%	0%
			Ethoxylated fatty acid	Confidential Business Information	0%	0%
			Fatty acid amine salt mixture	68139-75-3	0%	0%
			Fatty acid tall oil amide	Confidential Business Information	0%	0%
			Fatty acids, tall oil	Confidential Business Information	0%	0%
			Glycol	Confidential Business Information	0%	0%
			Glycol	Confidential Business Information	0%	0%
			Olefins	Confidential Business Information	0%	0%
			Olefins	Confidential Business Information	0%	0%
			Olefins	Confidential Business Information	0%	0%
			Olefins	Confidential Business Information	0%	0%
			Organic salt	Confidential Business Information	0%	0%
			Polyacrylamide copolymer	Confidential Business Information	0%	0%
			Potassium acetate	127-08-2	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1	0%	0%
			Silica gel	112926-00-8	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Sorbitan monooleate polyoxyethylene derivative	9005-85-6	0%	0%
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Water	7732-18-5	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
Date:
1/8/2015
E-mail Address:
mwalters@gmtexploration.com

Printed Name:
Marissa Walters

Title:
Pertotech

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