

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:
30-025-41582

2. Well Name:
J KEATS 1 24 32 #040H

3. Well Number:
040H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original
☐ Amendment

4. Surface Hole Location:
Unit: P Lot: P Section: 1 Township: 24S Range: 32E
Feet from: 330 N/S Line: S
Feet from: 400 E/W Line: E

5. Bottom Hole Location:
Unit: P Lot: P Section: 1 Township: 24S Range: 32E
Feet from: 330 N/S Line: S
Feet from: 400 E/W Line: E

6. Latitude: longitude:
32.2404103275907 -
103.621063781398

7. County:
Lea

8. Operator Name and Address:
CHEVRON MIDCONTINENT, L.P.
Attn: Sandy Stedman-Daniel
1400 Smith
Houston 77002

9. OGRID: 241333

10. Phone Number: 713-372-2978

11. Last Fracture Date: 4/5/2014 Frac Performed by: FTSI

12. Production Type:
O

13. Pool Code(s):
96674

14. Gross Fractured Interval:
11,398 ft to 15,540 ft

15. True Vertical Depth (TVD):
11,058 ft

16. Total Volume of Fluid Pumped:
166,362 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%	0.8178%
20/40 White	FTSI	proppant	Silica, Quartz	14808-60-7	100%	0.15924%
20/40 CRC	FTSI	proppant	Silica, Quartz	14808-60-7	98%	0.01724%
			Phenolic Resin	9003-35-4	5%	0.00088%
			Hexamethylenetetramine	100-97-0	1%	0.00018%
HVG-1	FTSI	Water Gelling Agent	Petroleum Distillate	64742-47-8	55%	0.00127%
			Guar Gum	9000-30-0	55%	0.00127%
			Raffinates (Petroleum), Sorption Process	64741-85-1	50%	0.00115%
			Clay	1302-78-9	5%	0.00012%
			Clay	14808-60-7	2%	5E-05%
			Surfactant	9043-30-5	1%	2E-05%
			Surfactant	154518-36-2	1%	2E-05%
			Surfactant	24938-91-8	1%	2E-05%
NE-100	FTSI	Non-emulsifier	Water	7732-18-5	90%	0.00073%
			Organic amine resin salt	Proprietary	30%	0.00024%
			Ethylene Glycol	107-21-1	30%	0.00024%
			Dimethylformamide	68-12-2	10%	8E-05%
			Alkylene Oxide Block Polymer	Proprietary	10%	8E-05%
			Quaternary ammonium compound	Proprietary	10%	8E-05%
			2-Propanol	67-63-0	10%	8E-05%
			Aromatic aldehyde	Proprietary	10%	8E-05%
			2-Butoxyethanol	111-76-2	10%	8E-05%
			Water	7732-18-5	5%	4E-05%
			Dodecylbenzenesulfonic acid	27176-87-0	5%	4E-05%
			Diethylene glycol	111-46-6	1%	1E-05%
			Aliphatic alcohol	Proprietary	0.1%	0%
			Fatty Acid Salt	Proprietary	0.1%	0%
			Fatty Acid	Proprietary	0.1%	0%
			Benzene, C10-16 Alkyl Derivatives	68648-87-3	0.04%	0%
			Unsulphonated Matter	Proprietary	0.03%	0%
			Sulfonic Acid	7664-93-9	0.01%	0%
			Sulfur Dioxide	95/46	0%	0%
BXL-2	FTSI	Borate crosslinker	Water	7732-18-5	75%	0.0005%
			Sodium metaborate	10555-76-7	25%	0.00017%
			Boric acid	10043-35-3	15%	0.0001%
			Potassium hydroxide	1310-58-3	12%	8E-05%
CS-250 SI	FTSI	Scale Inhibitor	Water	7732-18-5	81%	0.00059%
			Sodium Polyacrylate	4/703	10%	7E-05%
			Ethylene glycol	107-21-1	10%	7E-05%
			Sodium chloride	7647-14-5	6%	4E-05%
B-10	FTSI	High pH buffer	Water	7732-18-5	55%	0.00016%
			Potassium carbonate	584-08-7	48%	0.00014%
			Potassium hydroxide	1310-58-3	20%	6E-05%
ICI-150	FTSI	Biocide	Water	7732-18-5	50%	0.00011%
			Gluteral	111-30-8	50%	0.00011%
			Methanol	67-56-1	0.5%	0%
FRW-200	FTSI	Friction reducer	Water	7732-18-5	48%	4E-05%
			Copolymer of acrylamide and sodium acrylate	25987-30-8	33%	3E-05%
			Petroleum distillate hydrotreated light	64742-47-8	26%	2E-05%
			Acrylamide P/W acrylic acid, ammonium salt	26100-47-0	25%	2E-05%
			Ammonium Chloride	12125-02-9	12%	1E-05%
			Surfactant	Proprietary	7%	1E-05%
			Hydrotreated heavy paraffinic	64742-54-7	5%	0%
			Alcohols (C10-C16), ethoxylated	68002-97-1	4%	0%
			Alcohols (C12-C14), ethoxylated	68439-50-9	4%	0%
			Alcohols (C12-C16), ethoxylated	68551-12-2	4%	0%
			Polyethylene glycol monooleate	9004-96-0	3%	0%
			Sorbitan Monooleate	1338-43-8	3%	0%
			Sorbitol Tetraoleate	61723-83-9	2%	0%
			Dewaxed heavy paraffinic	64742-65-0	1.5%	0%
			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%
APB-1	FTSI	Gel breaker	Ammonium Persulfate	7727-54-0	100%	6E-05%

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: 5/5/2014

E-mail Address: eeof@chevron.com

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