Submit within 45 days of well	completion	State of New Mexico				Revised November 6, 2013  1. WELL API NO.				
		Energy, Minerals and Natural Resources				30-039-31143				
		Oil Conservation Division			-	2. Well Name:				
						JICARILLA APACHE A #020				
1220 S. St Francis Dr.						0 W-11 V				
		San	ta Fe, NM 8750	05		3. Well Number: 020				
			a 1 0, 11111 07 01			\$ 2000 				
HYDRAULIC F	RACTURIN	IG FLUID				<ol> <li>Surface Hole L Unit: G Lot: G</li> </ol>		Township:25N	Range:05W	
DISCLOSURE						Feet from: 1970		VS Line:N	Range.05VV	
						Feet from: 2021		-/W Line:E		
⊠ Original						<ol><li>Bottom Hole L Unit: G Lot: G</li></ol>		Township:25N	Range:05W	
□ Amendment								VS Line:N	nange.com	
						Feet from:2021	E	/W Line:E		
						6. latitude: 0		longitude: 0		
						7. County:	2.0			
						Rio Ai	rriba			
8. Operator Name and Address					9. OGRID:	149052	10. Phone Numi	ber: 5	05-632-3476	
ELM RIDGE EXPL	ORATION COM	IPANY LLC								
PO BOX 156 Bloomfield 87413	3									
11. Last Fracture Date: 3/29/2014 Frac Performed by: Halliburton					12. Production	Type:	L			
		O 14. Gross Fractured Interval:								
13. Pool Code(s): 39189						10 ft to 7,423 ft				
15. True Vertical Depth (TVD):			16. Total Volu	me of Fluid Pump	ed:					
7,559 ft				482 gals						
17. Total Volume of Re-Use Water Pumped: N/A					18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed					
	COMPOSIT	ON AND CONCENTRA	ATION:		×	2011/2011/2011	t english			
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Cher Service #	mical Abstract	Maximum Ingredient Concentration in Additive (% by mass)			Maximum Ingredient Concentration in HF Fluid (% by mass)	
				Service #						
2% KCL Water	Operator						100%		50.13335%	
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz Hexamethylenetetramine	14808-60-7 100-97-0			100%		18.79886% 0.37598%	
			Phenol / formaldehyde	9003-35-4			5%	_	0.93994%	
OTE EXPERIENCE	Franking.	A CONTRACTOR OF THE PARTY OF TH	resin							
LGC-36 UC	Halliburton	Liquid Gel	Guar gum	9000-30-0			60%		0.17227%	
		Concentrate	Naphtha, hydrotreated heavy	64742-48-9			60%		0.17227%	
BC-200 UC	Halliburton	Crosslinker	Modified alkane	Confidentia	I Business	E-	60%	,	0.06523%	
		7737777		Information Confidential Business Information 7647-14-5		:				
HC-2	Halliburton	Additive	Inner salt of alkyl amines				30%		0.06582%	
			Sodium chloride				30%	1	0.06582%	
LoSurf-300D	Halliburton	Non-ionic	1,2,4 Trimethylbenzene	95-63-6		v.	1%		0.00019%	
		Surfactant	Ethanol	64-17-5 64742-94-5			60%		0.01169%	
			Heavy aromatic				30%		0.00584%	
			petroleum naphtha Naphthalene	91-20-3			5%	1	0.00097%	
			Poly(oxy-1,2-ethanediyl),	127087-87	-0		5%		0.00097%	
			alpha-(4-nonylphenyl)-	110000000000000000000000000000000000000						
			omega-hydroxy-, branched							
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3			5%	5	0.00026%	
			Potassium metaborate	13709-94-9	)		60%		0.00318%	
SP BREAKER OPTIFLO-III DELAYED	Halliburton Halliburton	Breaker Breaker	Sodium persulfate	7775-27-1 7727-54-0			100% 100%	_	0.00291% 0.00575%	
RELEASE BREAKER	Hallibulton	Dieakei	Ammonium persulfate Crystalline silica, quartz			1	30%		0.00375%	
NITROGEN LIQUEFIED Hallibur		Fluid	Nitrogen	7727-37-9			100%		30.41913%	
Ingredients Listed Below			2-Ethyl hexanol	104-76-7			0%		0%	
This Line Are Part of the			Borate salts	Confidential Business Information 71-36-3 14808-60-7			0%		0%	
			Butyl alcohol				0%	5	0%	
			Crystalline silica, quartz				0%		0%	
			Cured acrylic resin	Confidentia			0%		0%	
			Fatty alcohol polyglycol	Information 9043-30-5			0%		0%	
			ether surfactant							
			Glycerine	56-81-5			0%		0%	
			Methanol Modified bentonite	67-56-1 Confidentia	I Rueinaca		0%		0% 0%	
			mounied pelitolitie	Information			0%		076	
			Organic salt	Confidentia			0%		0%	
			Owalkylated phanalic	Information Confidential Business			0%		0%	
			Oxyalkylated phenolic resin	Information			0%		0%	
			Oxyalkylated phenolic	Confidentia	l Business		0%		0%	
			Propulano carbonato	Information 108-32-7			0%		007	
			Propylene carbonate Propylene glycol	57-55-6			0%		0% 0%	
			Quaternary ammonium	68953-58-2			0%		0%	
			compounds, bis							
			(hydrogenated tallow alkyl) dimethyl, salts with							
		bentonite								
			Sodium carbonate	497-19-8			0%		0%	
			Sodium sulfate Water	7757-82-6 7732-18-5			0%		0% 0%	
20. I, as Operator, hereby certif	fy that the informat	tion shown on this disclosure forn			edge and belief	<u> </u>	0.70		0.70	
THE STATE OF THE S	Electronically	Printed Name: Amy Mac	CORP.			Title: Administr	rative Manager	×.		
Date: 3/31/201	14									
	y1@elmridge.ne									
	orting of informati	ion beyond MSDS data as descri	bed in 29 CFR 1910.1200. NM	OCD does not	require the repor	ting or disclosure	of proprietary, trac	de secret or conf	idential business	
nformation.										