Submit within 45 days of well completion		State of New Mexico				Revised November 6, 2013  1. WELL API NO.			
		Energy, Minera	nergy, Minerals and Natural Resources			30-005-64207			
		Oil Con	Oil Conservation Division			2. Well Name: SEAHAWKS FEDERAL #002			
1220 S. St Francis Dr.							3. Well Number:		
		Sant	a Fe, NM 875	505		002			
HYDRAULIC	FRACTUR	RING FLUID				4. Surface Hole L Unit: Lot:		wnship:15S Range:29E	
DISCLOSURE							Feet from:1588   N/S Line:S		
⊠ Original						Bottom Hole Location:     Unit:    Lot:   Section: 19			
□ Amendment								S Line:S W Line:E	
						6. latitude: 32.9	985400128564	longitude: -104.062026220416	
						7. County: Chav	es es		
8. Operator Name and Address					9. OGRID:	13837	10. Phone Number	er: 575-748-1288	
MACK ENERGY PO Box 960 11344 Lovingtor									
Artesia 88211  11. Last Fracture Date: 11/25/2014 Frac Performed by: Elite Well Services						2. Production Type:			
13. Pool Code(s): 14. 52770						oss Fractured Interval: 2,855 ft to 3,263 ft			
						ol Volume of Fluid Pumped: 1,154,496 gals			
						roent of Re-Use Water in Fluid Pumped: Not Disclosed			
19. HYDRAULIC FLU		TION AND CONCENTRA			1000000		Maga a		
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemic Service #	cal Abstract	Maximum Ingred Concentration in mass)		Maximum Ingredient Concentration in HF Fluid (% by mass)	
Water	Customer	Carrier/Base Fluid	Water	7732-18-5		massy	100%	95.64282%	
Sand (Proppant) RCS (Proppant)	US Silica US Silica	Proppant Proppant	Silica Substrate Silica Substrate	14808-60-7 14808-60-7			100% 100%	3.96062% 0%	
Hydrochloric Acid	CNR	Acidizing	Hydrochloric Acid	7647-01-0			38.8%	0.06943%	
Claymax	Chemplex	Clay Stabilizer	Choline Choride	67-48-1			62%	0%	
4-N-1 Plus	Chemplex	Iron Control Corr Inhib	Acetic Acid Methanol	64-19-7 67-56-1			80% 10%	0.00108% 0.00014%	
Plexcide 24B	Chemplex	Biocide	Tetrahydro-3	533-74-4			24%	0.00647%	
Plexset 730	Chemplex	Activator	Dimethyl- 2H Secondary Alcohol Ethoxylate	84133-50-6			50%	0%	
Plexsurf 580 ME	Chemplex	Surfactant	Methyl Alcohol	67-56-1			10%	0%	
Plexslick 953	Chemplex	Friction Reducer	2-Butoxethanol Alcohol Ethoxylate	111-76-2 Proprietary			50% 8%	0% 0%	
	200 200 68.000	1 10 10 10 10 10 10 10 10 10 10 10 10 10	Surfactants Hydrotreated	64742-47-8			30%	0%	
			Petroleum Distillate Polyacrylamide-Co-	9003-06-9			31%	0%	
			Acrytic Acid					E-10.2	
AMA 398	Chemplex	Biocide	Tetrahydro-3 Dimethyl 2H	533-74-4			98%	0%	
Plexgel 907 LE	Chemplex	Poylmer	Guar Gum	9000-30-0			50%	0%	
			Mineral OII Bentonite Clay	64742-47-8 14808-60-7		55% 2%		0% 0%	
		70000000	Surfactant	68439-51-0			2%	0%	
Plexbor 101	Chemplex	Crosslinker	Ethylene Glycol	107-21-1		-	9.99%	0%	
		and a state of the	Potassium Metaborate	13709-94-9			30%	0%	
Discord Bookley 401	Observatore	O-I BI	Potassium Hydroxide				5%	0%	
Plexgel Breaker 10L	Chemplex	Gel Breaker	Mannanase Enzymes	Proprietary			2%	0%	
			Sodium Chloride	7647-14-5			15%	0%	
Sodium Persulfate Buffer 11	Chemplex Chemplex	Gel Breaker PH Control	Sodium Persulfate Potassium Hydroxide	7775-27-1		i pr	98% 23%	0% 0%	
Greenhib 679	Chemplex	Scale Inhibitor	Glycerine	56-81-5		l e	35%	0.00744%	
Ordonnia or c	on on pion	Codic IIIIIbiloi	Proprietary	Proprietary			35%	0.00744%	
	177 7 1 1 1		Water	7732-18-5			30%	0.00637%	
Scalesorb 3	Baker Hug	hes Scale Inhibitor	Diatomaceous Earth Calcined	91053-39-3			69%	0%	
			Amino Alkyl Phosphonic Acid	Proprietary			30%	0%	
			Phosphonic Acid	13598-36-2			1%	0%	
			Crystilline Silica:Quartz (SiO2)	14808-60-7			1%	0%	
Plexslick 957	Chemplex	Friction Reducer	Alcohol Ethoxylate Surfactants	Proprietary			8%	0.01344%	
			Hydrotreated Petroleum Distillate	64742-47-8			30%	0.05042%	
			Polyacrylamide-co- Acrytic Acid	9003-06-9			31%	0.0521%	
		ion shown on this disclosure form is tru	ue and complete to the best	of my knowledge s	and belief.	Title: Produc	tion Clark		
Date: Signed	d Electronically	Printed Name: Deana	a vveaver			Title: Produc	uon cierk	-1	
	u14 p@mackenergy	corn com							
area area area area area area area area		on beyond MSDS data as described in	29 CFR 1910.1200. NMOCI	D does not require	the reporting o	r disclosure of prop	rietary, trade secret	or confidential business information.	
	19.15 5 1 1 1 1								