Submit within 45 days of well of	completion			•		T		Pavisad	November 6, 2013											
State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505						1. WELL API NO. 30-025-42357 2. Well Name: IGLOO 19 STATE #003H 3. Well Number: 003H														
													a re, NIVI 673	000		4. Surface Hole Lo	ostion:			
										HYDRAULIC FRACTURING FLUID DISCLOSURE □ Original ⊠ Amends disclosure submitted on 11/17/2016						Unit:O Lot:O Feet from:200	Unit:O Lot:O Section:19 Township:20S Range:35E Feet from:200 N/S Line:S Feet from:1800 E/W Line:E			
																5. Bottom Hole Lo	5. Bottom Hole Location: Unit:O Lot:O Section:19 Township:20S Range:35E			
Feet from:200 Feet from:1800	Feet from:1800 E/W Line:E																			
							51936424	longitude: -10	3.4938656											
						7. County: Lea														
Operator Name and Address: g.						249099 10. Phone Number: 432-682-7424														
CAZA OPERATIN 200 N LORAINE STE 1550 MIDLAND 79701	IG, LLC																			
11. Last Fracture Date: 10/26/2016 Frac Performed by: Liberty Frac 12. Production 12. Production 12. Production 13. Production 14. Production 14. Production 15. Production) "														
37580						actured Interval: 2,083 ft to 16,075 ft														
11,620 ft						lume of Fluid Pumped: 5,004,449 gals														
0 gals						18. Percent of Re-Use Water in Fluid Pumped: %														
19. HYDRAULIC FLUID Trade Name	COMPOSITION Supplier	Purpose	Ingredients	(CAS#) Chemi	cal Abstract	Maximum Ingred	ient	Maximum Ing	radiant											
Trade Hame	очрыст	T dipose	ingrediens	Service #	our Pibou dot	Concentration in mass)			n in HF Fluid (% by											
Water FRP-E3-8	Caza Liberty	Carrier Friction reducer	Water Distillates (petroleum), hydrotreated light	7732-18-5 64742-47-8		100% 45%			85% 0.02354%											
			Alcohols, C12-16, ethoxylated propoxylated	68213-24-1		5%			0.00262%											
CSA-23	Liberty	Permanent clay stabilizer	Trade Secret	Proprietary		100%		-	0.10506%											
Bioclear 5000	Lubrizol	Biocide	2,2-dibromo-3- nitriloproprionamide	10222-01-2			10%		0.00234%											
SAFE-BFH	Liberty Oilfield Services	High pH Buffer	Proprietary	Proprietary			100%	1	0.05537%											
XLB-88	Liberty Oilfield Services	Crosslinker	Ethylene glycol Water	107-21-1 7732-18-5		55% 75%			0.03056% 0.04167%											
			Borate Salt	1303-96-4	1303-96-4		30%		0.01667%											
Breaker-2B	Liberty Oilfield Services	Breaker	Ammoniun persulfate Silica, crystalline -	14808-60-7			100% 10%		0.00346% 0.00035%											
BLR-18	Liberty Oilfield	Powder Breaker	quartz Ammonium	7727-54-0			99%		0.00138%											
HCL-15	Services Liberty Oilfield	Solvent	Persulfate Hydrochloric Acid	7647-01-0			30%		0.41619%											
	Services	130000	Water	7732-18-5		70%			0.9711%											
WG-10BL	Liberty Oilfield Services	Guar Slurry	Distillates Petroleum, Hydro Treated				55%		0.135%											
			Guar Gum Suspending Agent	9000-30-0 Proprietary			55% 5%		0.135% 0.01227%											
Carbo Econoprop / Carbo Ceramics	Liberty Oilfield Services	Proppant	Silicon Dioxide (Amorphous as glass)	7631-86-9		35%			0.42628%											
			Mullite	1302-93-8			85%		1.03525%											
	17,000 100		Silica Crystalline- Cristbalite		14464-46-1		20%		0.24359%											
EL-Prop / Imerys	Liberty Oilfield Services	Proppant	Mullite (Aluminum Silicate)	1302-93-8			60%	1	6.73082%											
			Amorphous silica Christobalite	7631-86-9 14464-64-1			35% 5%		3.92631% 0.5609%											
20. I, as Operator, hereby certify		wn on this disclosure form is t			and belief.	10 00 00 00 00 00 00 00 00 00 00 00 00 0	570		5.555576											
Date: 11/17/20	The state of the s	Printed Name: Steve	Morris			Title:		_												
E-mail Address: steve.mo NMOCD does not require the repo	orris@mojoenergy.co		- 20 CED 4040 4220 NIVO	D door	the receive	e displacement of	atanı terde '	or operation that	usings information											
NAME OF GOES HOLDEQUIRE THE REPO	or information beyo	Sing Mode data as described i	11 20 OFK 1810.1200. NMOC	D does not require	e are reporting o	a disclosure of propri	etaly, trade secret	or confidential bi	usiness information.											