District 1 1625 N. French Di	r., Hobbs, NM	88240		State of New Mexico									Form C-101	
Phune: (575) 393-6161 Fax: (575) 393-0720 <u>Pistrict II</u>				Energy Minerals and Natural Resour						es 🕌	്ക്ക്	Y IN	Revised July 18, 2013	
811 S., First SL, Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720				Oil Conservation Division										
District III 1000 Rio Brazos I Phone: (505) 334-			1220 South St. Francis Dr.						F	EB 20	2014			
District IV 1220 S. St. Franci							a Fe, NM							
Phone: (505) 476-3460 Fax; (505) 476-3462							RECEIVE					ĒĎ		
ΔΡΡΙΙ	CATIC	IN FO	RP	ERMIT T	ות חי	MLL RE-E	NTER DI	EPEN I	PLI	GRACK			ZONE	
		· · (Operator Name (ress	NTER, DEEPEN, PLUGBACK, O				OGRID N					
COG Operating LLC 2208 West Main Street											229137			
Artesia, N					NM 88210					30-0	API Num	7	1674	
* Property Code 39678					³ Property Name Osprey 20 State Com							* Well N 4H	0	
						⁷ Surface L	ocation	·····						
UL – Loi L	Section 20	Townsh 21S	йр	Range 34E	ما	t idn Feet fi 245		/S Line South		t From 330	E/W Line West		County	
	20	-13			ttom l	Hole Location		30441			***ESL			
UL • Lot	Section	Townst		Range	Lot Idn Feet fr			/S Line		t From	E/W Line		County	
M	29	21S		34E		330	0	South		380	West		Lea	
,,,						⁹ Pool Infor	mation							
VC-025 G07 S	213430M: Bo	one Spring				Pool Nam:							Pool Code 97692 9794	
			_	<u> </u>		dditional Well	T C				<u>.</u>			
	rk Type		12. Well Type	<u> </u>	¹³ Cable/I				¹³ Ground Level Elevation					
New Well Multiple				Oil Proposed Depth		^{IX} Form	ation				State Contractor		3741.2' ²⁰ Spud Date	
N Depth to Ground water				BoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneBoneB			Spring	Spring		Distance to nearest surface			2/28/2014	
		sed-loop	system	n in lieu of lined	-									
						sed Casing and	l Cement Pr	ogram						
Туре	ne Hole Size		Casing Size		Casing Weight/ft		Setting Depth			Sacks of Cement		t Estimated TOC		
Surface	e 17.5			13.375		54,5	1930'			1125				
Intrmd	Intrad 12			9.625	40		58	5880'		2230				
Production	7.	875		5.5	17		18157	18157'97692-		2340		5580		
						ent Program:						_		
				sh water spud i cement to surf		Run 13-3/8" 54.5	# J55 STC cas	sing to TD a	nd ce	ment to sur	face in one	stage.	Will use 1"	
Drill 12-1/4	" hole to -	- 5880'	with s	aturated brine	water.	If losses occur in	n the Reef, wi	ll switch to	ſresh	water to int	erval TD.	Run 9-	5/8" 40# L80	
TC casing	to TD wit vertical h	th a DV nie, curv	tool p /e.and	blaced ~100' al	bove th 57' wit	e Reef. Plan to c h cut brine. Run	irculate ceme	nt on both s	tages.	o TD and c	ement to 54	5801 (3)	00' overlan) in	
ne stage.														
				1		sed Blowout Pr	revention Pr	ogram		F		<u>.</u>		
	Type Double Ram			v		Pressure		Test Pressure 5000		.e		Manufacturer T3 Energy Services		
Double Ram 5000							5000				151	15 Energy Services		
I hereby Ce	rtify that th	ne inform	ation	given above is tr	ue and	complete to the								
est of my kn	owledge an	d belief.						OILC	ONS	SERVAT	ION DIV	ISION		
9.15.14.9 (B) NMAC	nave con ⊠_if a∯	plicabl	le. 7	/ (A) NI	MAC 🛛 and/or	Approved B	Y:	<u> </u>	21	Transie Barr			
ignature: L	<u>111</u>	OF	٩	neg.	<u>ر</u>				Z	Can	<u> </u>			
rinted name:						Title: Petrolgum Fincheer								
itle: Regul							Approved D	ate: 02/	21		piration Date	02	121/16	
-mail Addre		@conch	o.com I											
Date: 2/20/20)14			Phone: 575-74	8-6945	Conditions of Approval Attached								

FEB 2 4 2014