District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax (505) 334-6170 District IV 1220 S. St. Francis Dr., Santa Fc., NM 87505 Phone: (505) 476-3460 Fax. (505) 476-3462

Date: 1/25/2016

State of New Mexico

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

REC 1/26/16

Section Township Range Lot Idn Feet from N'S Line Feet From E/W Line County				Operator Name and		444		* OGRID Numb		
Artesia, NM 88210 **Property Name Fascinator Fee Corn ** Well No IH* ** Proposed Bottom Hole Location Section Township Range Jot Idn Feet from NS Line South 1000' East Lan ** Proposed Bottom Hole Location Section Township Range Lot Idn Feet from NS Line South 1000' East Lan ** Proposed Bottom Hole Location Section Township Range Lot Idn Feet from NS Line South 380' East Len ** Proposed Bottom Hole Location Section Township Range Lot Idn Feet from NS Line South 380' East Len ** Pool Information ** Pool Information ** Pool Name P				COG Operating	LLC			229137		
Section Township Range Lot Idn Feet from NS Line South 1090' East Lea	Artesia, NM 88210						API Number			
Section Township Section Township 35E	* Property Code Property N Fascinator Fe			ame						
Section Township 35E Lot Idn Feet from 210' South 1090' East Lea * Proposed Bottom Hole Location Section Township Range Lot Idn Feet from 2310' South 380' East Lea * Proposed Bottom Hole Location Section Township Range Lot Idn Feet from NS Line 500th 380' East Lea * Proposed South Leas * Pool Information * Pool Information * Pool Name Pool Name Pool Name Pool Name * Pool Name South Sout	31	3/3/							ın	
Section Township Range Lot Idn Feet from N/S Line Feet From B/W Line County	UL - Lot	Section	Township	Range			Feet From	F/W I ine	County	
Section Township 19 24S 35E	P		C. L. C.							
Section Township 19 24S 35E				* Proposed Bott	om Hole Location	330 34 34				
Pool Information Pool Name Pool Name Pool Code 5243532M:: Bone Spring Additional Well Information Ork Type Well Type Oil 12 Well Type Well 19877 Bone Spring 19 Contractor Proposed Depth N 19877 Bone Spring 19 Contractor 19 Contractor 19 Contractor 19 Spud Date 2/15/2016 Pund water Distance from nearest fresh water well Distance to nearest surface water 11 Proposed Casing and Cement Program Hole Size Casing Size Casing Weight/ft Setting Depth Sacks of Cement Estimated TOC 20 16 75 930' 1000 13.5 10.75 45.5 5440' 1700 9.875 7.625 19.7 11873' 1450 18 20" hole to 930' with fresh water. Run 16", 75# J-55 csg and cmt to surface. Casing/Cement Program: Additional Comments 18 20" hole to 930' with fresh water. Run 16", 75# J-55 csg and cmt to surface. Drill a 13.5" hole to 5440' with brine, and run 10.75" 180 and cement to surface. Drill a 9.875" hole to 11,973' with cut brine, and run 7.625" 29.7# HCP110 and cmt to surface. Drill a 6.75" lateral to 19,877' with OBM. Run 5-1/2" 20# P110 x 5" 18# P110 tapered production string and cement to surface. 20 Proposed Blowout Prevention Program	UL - Lot	Section	Township	T		m N/S Line	Feet From	E/W Line	County	
Additional Well Information Pool Name Pool Name Pool Ode 98098	1	19	24S	35E	2310	South	380°	East	Lea	
Additional Well Information ork Type 12 Well Type 13 Cable/Rotary 14 Lease Type 15 Ground Level Elevation 3316' Auhiple 19 Proposed Depth 18 Formation 19 Contractor 28 Spud Date 21/15/2016 2					9. Pool Inform	nation				
Additional Well Information ork Type 12 Well Type 13 Cable/Rotary 14 Lease Type 14 Ground Level Elevation 3316' fulliple 17 Proposed Depth 18 Formation 19 Contractor 28 Spud Date 2/15/2016 number 19877' 198					Pool Name	4-6			Pool Code	
ork Type w Well Oil 13 Cable/Rotary 14 Lease Type Fee 3316' Auhiple N Proposed Depth 19877' Bose Spring 19 Contractor 25 Spud Date 215/2016 Auhiple N Distance from nearest fresh water well Distance to nearest surface water 1 using a closed-loop system in licu of lined pits 21 Proposed Casing and Cement Program Hole Size Casing Size Casing Weight/ft Setting Depth Sacks of Cement Estimated TOC 20 16 75 930' 1000 13.5 10.75 45.5 5440' 1700 9.875 7.625 19.7 11873' 1450 1 6.75 5.5/5 20/18 19877' 1350 Casing/Cement Program: Additional Comments If a 20" hole to 930' with fresh water. Run 16", 75# J-55 esg and cmt to surface. Drill a 13.5" hole to 5440' with brine, and run 10.75" (ateral to 19,877' with OBM. Run 5-1/2" 20# P110 x 5" 18# P110 tapered production string and cement to surface. 21 Proposed Blowout Prevention Program	VC-025 G-09 S	243532M; ; Bo	one Spring						98098	
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	15.5# HCN	80 and cem	ent to sur	face. Drill a 9.875'	hole to 11,973' with c	ut brine, and run 7.62	5" 29.7# HCP110	and cmt to sur		
	adir w			n P	roposed Blowout Pr	evention Program				
Type Working Pressure Test Pressure Manufacturer			We							
D11-D 2000	Double Ram			3000		5000		Cameron		
Type Working Pressure Test Pressure	Production Plan to dril 45.5# HCN	a 20" hole 80 and cem ateral to 19,	to 930' v	Casing with fresh water. R face. Drill a 9.875' 1 OBM. Run 5-1/2'	20 / 18 /Cement Program: A un 16", 75# J-55 csg an hole to 11,973' with c 20# P110 x 5" 18# P1 roposed Blowout Proposed	19877' Additional Comment of cmt to surface. Dril ut brine, and run 7.62. 10 tapered production	its Il a 13.5" hole to 5 5" 29.7# HCP110 string and cemen	0 6440° and	cmt to surf urface.	
Double Kam 5000 Cameron	-									
Double Ram 3000 Cameron		owledge and	belief.				CONSERVA	TION DIVIS	ION	
certify that the information given above is true and complete to the mowledge and belief. OIL CONSERVATION DIVISION ortify that I have complied with 19.15.14.9 (A) NMAC and/or			mil	-Ala V		Approved By:	Ah	4		
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certify that the information given above is true and complete to the mowledge and belief. The proof of the complete with 19,15,14.9 (A) NMAC and/or and/o	further cer 19.15.14.9 (I Signature:	B) NMAC (10	the le	_	Title: Petrole	um Engineer	end		
certify that the information given above is true and complete to the mowledge and belief. Triffy that I have complied with 19 15.14.9 (A) NMAC and/or B) NMAC If applicable. Detrologyed By:	I further cer 19.15.14.9 (I Signature: Printed name	Mayte Re	eyes	t (a)		TAIC,	1 / /		00/26/	

See Attached

Conditions of Approval Attached

Phone: 575-748-6945

Fascinator Fee Com 1H

	Hole					
	Size	Casing	Wt	Depth	Cmt	TOC
Surface	20	16	75	930'	1000	0
Intrmd	13.5	10.75	45.5	5,440'	1700	0
Intrmd	9.875	7.625	19.7	11,873'	1450	0
Prod	6.75	5.5 / 5	20/18	19,877'	1350	0

Plan to drill a 20" hole to 930' with fresh water. Run 16", 75# J-55 csg and cmt to surface. Drill a 13.5" hole to 5440' with brine, and run 10.75" 45.5# HCN80 and cement to surface. Drill a 9.875" hole to 11,973' with cut brine, and run 7.625" 29.7# HCP110 and cmt to surface. Drill a 6.75" curve and lateral to 19,877' with OBM. Run 5-1/2" 20# P110 x 5" 18# P110 tapered production string and cement to surface.

Well Control

Туре	Pressure	Test	Manufacture
Double Ram	5000	5000	Cameron

CONDITIONS OF APPROVAL

API#	Operator	Well name & Number
30-025-43037	COG OPERATING LLC	FASCINATOR FEE # 001H

Applicable conditions of approval marked with XXXXXX

cement the water protection string

Administrative Orders Required

Other wells	
Drilling	
XXXXXXX	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface

the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in

Casing

XXXXXXX	SURFACE & INTERNEMIATE(1) CASING - Cement must circulate to surface
XXXXXXX	PRODUCTION CASING - Cement must tie back into intermediate casing
XXXXXXX	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
	South Area
XXXXXXX	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water

Pits

XXXXXXX	If using a pit for drilling and completions, must have an approved pit form prior to spudding the well
T. S. C.	
The Total	

Completion & Production

XXXXXXX	Will require a directional survey with the C-104

Stage Tool

XXXXXXX	Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186
XXXXXXX	If using Stage Tool on Surface casing, Stage Tool must be greater than 350' and a minimum 200 feet above surface shoe.
XXXXXXX	When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.

Lost Circulation

XXXXXXX	Must notify OCD Hobbs Office if lost circulation is encountered at 575-370-3186