District 1 , 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 Fe. NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-102 Energy, Minerals & Natural Resources Profit Conservation Revised August 1, 2011
OIL CONSERVATION DIVISIONATESIA DISTRICT
District Office District Office

1220 South St. Francis Dr. Santa Fe. NM 87505

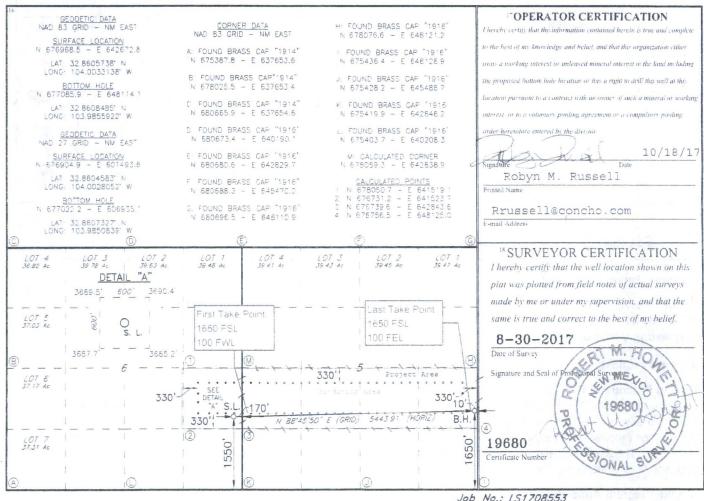
APR 26 2018

AMENDED REPORT

RECEIVED

Number			2 Dool Code						
			2 Pool Code		3 Pool Name				
30-015-44913			96718		Loco Hills; Glorieta-Yeso				
4 Property Code							6 Well Number		
302499 GISSLER						R FEDERAL			
							⁹ Elevation 3689'		
229137					COG OPERATING, LLC				
1, 415, 4	l glad			10 Surface 1	Location			1 1 1 9	
ection	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West	line County	
6	17S	30E		1550	SOUTH	170	EAST	EDDY	
Le 1		11 F	Bottom H	ole Location	If Different Fro	m Surface		190	
ection	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West	line County	
5	175	30E		1650	SOUTH	10	EAST	EDDY	
(ection 6	ection Township 6 17S ection Township	ection Township Range 6 17S 30E	CO Coction Township Range Lot Idn	Section Township Range Lot Idn Feet from the	SProperty Name GISSLER FEDERAL **Operator Name COG OPERATING, LLC **Operator Name COG OPERATING COG OPERATION **Operator Name COG OPERATION COG OPERATION **Operator Name COG OPERATION COG OPERATION COG OPERATION COG OPERATION **Operator Name COG OPERATION COG OPERATION COG OPERATION COG OPERATION COG OPERATION	Section Township Range Lot Idn Feet from the Bottom Hole Location If Different From Surface Lot Idn Feet from the North/South line Feet from the Surface South South Surface South S	S S Property Name GISSLER FEDERAL	

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



Job No.: LS1708553

Ruf 4-27-18



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Drilling Plan Data Report

04/23/2018

APD ID: 10400023119

Submission Date: 10/23/2017

Highlighted data reflects the most

recent changes

Well Name: GISSLER FEDERAL

Operator Name: COG OPERATING LLC

Well Number: 16H

Show Final Text

Well Type: OIL WELL

Well Work Type: Drill

Section 1 - Geologic Formations

Formation		E STATE OF THE STA	True Vertical	Measured			Producing
ID .	Formation Name				Lithologies	Mineral Resources	Formation
1	UNKNOWN	3689	Ō	0	ALLUVIUM	USEABLE WATER	No
2	RUSTLER	3321	368	368	ANHYDRITE	OTHER: Brackish Water	No .
3	TANSILL	2923	766	766	DOLOMITE	NONE	No
4	TOP OF SALT	2923	766	766	SALT	OTHER : Salt	No
5	YATES	2435	1254	1254	SANDSTONE,DOLOMIT E	NATURAL GAS;OIL	No
6	QUEEN	1545	2144	2144	SANDSTONE	NATURAL GAS,OIL	No
7	SAN ANDRES	806	2883	2883	DOLOMITE,ANHYDRIT E	NATURAL GAS,OIL	No
8	GLORIETA	-620	4309	4309	SANDSTONE,SILTSTO NE	NATURAL GAS,OIL	No
9	PADDOCK	-686	4375	. 4375	DOLOMITE	NATURAL GAS;OIL	Yes
10	BLINEBRY	-1153	4842	4842	DOLOMITE	NATURAL GAS,OIL	No

Section 2 - Blowout Prevention

Pressure Rating (PSI): 2M

Rating Depth: 9500

Equipment: ALL REQUIRED EQUIPMENT PER FEDERAL AND STATE REGULATIONS TO BE IN PLACE PRIOR TO DRILLING OUT THE SURFACE CASING.

Requesting Variance? NO

Variance request:

Testing Procedure: BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested. Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

Choke Diagram Attachment: