

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N French Dr , Hobbs, NM 88240 District II 1301 W Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd , Aztec, NM 87410 District IV 1220 S St Francis Dr , Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised June 10, 2003 WELL API NO. 30-015-37619 5. Indicate Type of Lease STATE ☒ FEE ☐ State Oil & Gas Lease No.											
WELL COMPLETION OR RECOMPLETION REPORT AND LOG															
1a. Type of Well OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐ b. Type of Completion NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐ WELL OVER ☐ BACK ☐ RESVR. ☐ OTHER ☐ 2 Name of Operator COG Operating LLC 3 Address of Operator 550 W. Texas Ave., Suite 100 Midland, TX 79701 4 Well Location Unit Letter K 2310 Feet From The South Line and 2185 Feet From The West Line Section 16 Township 17S Range 31E NMPM Eddy County				7 Lease Name or Unit Agreement Name Yucca State 8 Well No 5 9. Pool name or Wildcat Fren; Glorieta-Yeso 26770											
10 Date Spudded 4/7/11		11 Date T.D. Reached 4/16/11		12. Date Compl (Ready to Prod) 5/6/11		13 Elevations (DF& RKB, RT, GR, etc) 3793 GR		14 Elev Casinghead							
15 Total Depth 6492		16. Plug Back T D 6445		17 If Multiple Compl How Many Zones?		18 Intervals Drilled By X		Rotary Tools		Cable Tools					
19 Producing Interval(s), of this completion - Top, Bottom, Name 4930 - 6140 Yeso								20 Was Directional Survey Made No							
21 Type Electric and Other Logs Run CN / HNGS, Radial Cement Bond / CCL						22 Was Well Cored No									
23. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT LB /FT		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
13-3/8		48		476		17-1/2		500							
8-5/8		32		1838		11		550							
5-1/2		17		6492		7-7/8		1450							
24 LINER RECORD										25. TUBING RECORD					
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		SIZE		DEPTH SET		PACKER SET	
										2-7/8		6047			
26 Perforation record (interval, size, and number) 4930 – 5155 1 SPF, 26 holes OPEN 5400 – 5600 1 SPF, 26 holes OPEN 5670 – 5870 1 SPF, 26 holes OPEN 5940 – 6140 1 SPF, 26 holes OPEN						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.									
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED							
						4930 – 5155		See attachment							
						5400 - 5600		See attachment							
						5670 - 5870		See attachment							
						5940 - 6140		See attachment							
28 PRODUCTION															
Date First Production 5/9/11				Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2 x 2 x 24' pump				Well Status (Prod or Shut-in) Producing							
Date of Test 5/10/11		Hours Tested 24		Choke Size		Prod'n For Test Period		Oil – Bbl 125		Gas – MCF 102		Water – Bbl 136		Gas – Oil Ratio 816	
Flow Tubing Press		Casing Pressure		Calculated 24-Hour Rate		Oil – Bbl		Gas – MCF		Water – Bbl		Oil Gravity – API – (Corr) 37.4			
29 Disposition of Gas (Sold, used for fuel, vented, etc) Sold										Test Witnessed By Kent Greenway					
30 List Attachments Logs, C102, C103, Deviation Report, C104															
31 I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief															
Signature Netha Aaron						Printed Name Netha Aaron Title Regulatory Analyst Date 5/26/11									
E-mail Address oaaaron@conchoresources.com															

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates <u>1658</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <u>2585</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>3318</u>	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta <u>4829</u>	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb <u>6337</u>	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	T. Morrow	T. Wingate	T.
T. Wolfcamp	T. Yeso <u>4916</u>	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

Yucca State 5
API#: 30-015-37619
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4930 - 5155	Acidized w/4200 gals 15% HCL.
	Frac w/113,715 gals gel, 112,202# 16/30 White
	sand, 29,794# 16/30 Super LC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5400 - 5600	Acidized w/3500 gals 15% HCL.
	Frac w/115,250 gals gel, 146,167# 16/30 White
	sand, 30,539# 16/30 Super LC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5670 - 5870	Acidized w/3500 gals 15% HCL.
	Frac w/124,751 gals gel, 149,057# 16/30 White
	sand, 29,487# 16/30 Super LC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5940 - 6140	Acidized w/3500 gals 15% HCL.
	Frac w/124,586 gals gel, 151,670# 16/30 White
	sand, 28,491# 16/30 Super LC