

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. 30-015-29607 ✓	
				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 _____			7. Lease Name or Unit Agreement Name Yucca State ✓		
b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL ☐ OVER ☐ BACK RESVR. ☐ OTHER					
2. Name of Operator COG Operating LLC ✓			8. Well No. 03 ✓		
3. Address of Operator 550 W. Texas Ave., Suite 100 Midland, TX 79701			9. Pool name or Wildcat Fren; Glorieta-Yeso 26770 <i>Ka</i>		
4. Well Location Unit Letter L : 1850 Feet From The South Line and 990 Feet From The West Line Section 16 Township 17S Range 31E NMPM Eddy County					
10. Date Spudded 6/10/97	11. Date T.D. Reached 2/16/11	12. Date Compl. (Ready to Prod.) 3/8/11	13. Elevations (DF& RKB, RT, GR, etc.) 3756 GR	14. Elev. Casinghead	
15. Total Depth 6495	16. Plug Back T.D. 6408	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools X	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 5616 - 6270 Yeso				20. Was Directional Survey Made No	
21. Type Electric and Other Logs Run CN / HNGS, Micro CFL / HNGS			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
8-5/8	32	1817	11	550	RECEIVED MAR 23 2011 NMOCD ARTESIA
5-1/2	17	6528	7-7/8	1100	
4	11.6	6444	6-1/8	130	
24. LINER RECORD			25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE
					2-7/8
					DEPTH SET 5434
					PACKER SET
26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
4842 - 5444 CLOSED			DEPTH INTERVAL		
5616 - 5766 1 SPF, 24 holes OPEN			AMOUNT AND KIND MATERIAL USED		
5846 - 6026 1 SPF, 24 holes OPEN			5616 - 5766 See attachment		
6120 - 6270 1 SPF, 26 holes OPEN			5846 - 6026 See attachment		
			6120 - 6270 See attachment		
28 PRODUCTION					
Date First Production 3/15/11		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 3/17/11	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 51	Gas - MCF 98
				Water - Bbl. 70	Gas - Oil Ratio 1569
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
					Oil Gravity - API - (Corr.) 37.3
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold					Test Witnessed By Kent Greeway
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 <i>Netha Aaron</i>		Printed Name Netha Aaron		Title Regulatory Analyst	Date 3/11/11
E-mail Address oaaron@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 1632	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 2558	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 3278	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 4805	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	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 4891	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

From	To	Thickness In Feet	Lithology

Yucca State #3
API#: 30-015-29607
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5616 - 5766	Acidized w/2500 gals 15% HCL acid.
	Frac w/ 110,000 gals gel, 128,511# 16/30 White sand, 42,057# CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5846 - 6026	Acidized w/2500 gals 15% HCL acid.
	Frac w/ 114,000 gals gel, 142,371# 16/30 White sand, 34,474# CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6120 - 6270	Acidize w/ 2500 gals 15% HCL acid.
	Frac w/ 117,000 gals gel, 145,791# 16/30 White sand, 31,184# CRC

DEEPEN

Operator: COG Well Name: Yucca State #3

OGRID: 229137 API: 30-0 15-29607 Lease Type F(S)P

Date C104 rec'd / / C-104 filed for N RT PB RE DHC Other
Date of file review / /

Inactive Well List 2818 out of 5
Additional Bonding: none

APD Approval Date / / Int to deepen 11/1/2010
77 Pit Permit Approval 11/01/2010 Permit # 211328 Pit Closure: 3/23/2011
210889 →

Spud notice 6/10/1997
Surface casing 8.625 amended required
Intermediate 5.5 amended required
Production csg 4 amended required
TD Reached: 216/2011
Rig Released: / /

Pool K2

Deviation Survey: @ TD @ 6495

Directional Survey / / MD TVD
"As Drilled" or Amended C-102

Completion Sundry: 3/23/2011
Completion Report: 3/23/2011
Logs 3-23-11

COMPLIANCE: NSL NSP
DHC ART

OTHER REQUIREMENTS:

Inactive Well List // Date to RD for approval / /
Additional Bonding

Reviewed by: DENIED / /