

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 COMPLETION OR RECOMPLETION REPORT AND LOG			
1a Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐		7 Lease Name or Unit Agreement Name Leaker CC 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 031			
3 Address of Operator 550 W. Texas Ave., Suite 100 Midland, TX 79701		9. Pool name or Wildcat Maljamar, Yeso, West 44500			
4. Well Location Unit Letter J 2310 Feet From The South Line and 1650 Feet From The East Line Section 16 Township 17S Range 32E NMPM Lea County					
10 Date Spudded 6/22/11	11 Date T.D. Reached 7/02/11	12. Date Compl (Ready to Prod) 7/25/11	13 Elevations (DF& RKB, RT, GR, etc.) 4039' GR	14 Elev Casinghead	
15 Total Depth 7135	16 Plug Back T.D. 7074	17. If Multiple Compl How Many Zones?	18. Intervals Drilled By X	Cable Tools	
19 Producing Interval(s), of this completion - Top, Bottom, Name 5520 - 6770 Yeso			20. Was Directional Survey Made No		
21. Type Electric and Other Logs Run CN / 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
13 3/8	48	659	17 1/2	550	
8 5/8	32	2134	11	600	
5 1/2	17	7128	7-7/8	1300	
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
5520 - 5645	1 SPF, 26 holes	OPEN	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	
6030 - 6230	1 SPF, 26 holes	OPEN	5520 - 5645	See attachment	
6300 - 6500	1 SPF, 26 holes	OPEN	6030 - 6230	See attachment	
6570 - 6770	1 SPF, 26 holes	OPEN	6300 - 6500	See attachment	
			6570 - 6770	See attachment	
28 PRODUCTION					
Date First Production 7/27/11		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2 x 2 x 24' RBHC pump		Well Status (Prod or Shut-in) Producing	
Date of Test 08/02/11	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 104	Gas - MCF 179
				Water - Bbl 336	Gas - Oil Ratio 1721
Flow Tubing Press. 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl
					Oil Gravity - API - (Corr) 37.6
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 K. C.		Printed Name Kanicia Castillo		Title Lead Regulatory Analyst	
E-mail Address kcastillo@concho.com				Date 08/10/11	

AUG 31 2011

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 2174	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 3887	T. Simpson	T. Gallup	T. Ignacio Oztze
T. Glorieta 5420	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. _____
T. Blinebry	T. Gr. Wash	T. Morrison	T. _____
T. Tubb 6890	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 5507	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

Leaker CC State #31
API#: 30-015-39761
Lea, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5520 – 5645	Acidize w/ 3,000 gals acid.
	Frac w/113,640 gals gel, 117,254# 16/30 Ottawa
	sand, 19,187# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6030 – 6230	Acidize w/ 2,500 gals acid.
	Frac w/114,946 gals gel, 148,410# 16/30 Ottawa
	sand, 28,065# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6300 – 6500	Acidize w/2,500 gals acid.
	Frac w/114,988 gals gel, 147,335# 16/30 Ottawa
	sand, 31,097# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6570 – 6770	Acidize w/2,500 gals acid.
	Frac w/114,161 gals gel, 146,263# 16/30 Ottawa
	sand, 31,817# 16/30 Siberprop.