

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

RECEIVED State of New Mexico
Energy, Minerals and Natural Resources
FEB 23 2010
HOBBS Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised June 10, 2003

WELL API NO.

30-025-39031

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 1300 Midland, TX 79701

7 Lease Name or Unit Agreement Name

Leaker CC State

8. Well No

020

9. Pool name or Wildcat

Maljamar, Yeso, West 44500

4 Well Location

Unit Letter **A** **990** Feet From The **North** Line and **330** Feet From The **East** Line
Section **16** Township **17S** Range **32E** NMPM Lea County

10 Date Spudded

11/28/09

11 Date T D Reached

12/08/09

12. Date Compl (Ready to Prod)

01/06/10

13 Elevations (DF& RKB, RT, GR, etc)

3576 GR

14 Elev Casinghead

15 Total Depth

7032

16. Plug Back T D

6936

17. If Multiple Compl How Many Zones?

18 Intervals Drilled By

Rotary Tools

Cable Tools

X

19 Producing Interval(s), of this completion - Top, Bottom, Name

5542 - 6790

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
13 3/8	48	675	17 1/2	550 sx	
8 5/8	32	2145	11	600 sx	
5 1/2	17	7000	7-7/8	1300 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	6556	

26 Perforation record (interval, size, and number)

5542 - 5630 1 SPF, 13 holes OPEN
6050 - 6250 1 SPF, 26 holes OPEN
6320 - 6520 1 SPF, 26 holes OPEN
6590 - 6790 1 SPF, 26 holes OPEN

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

5542 - 5630 See attachment

6050 - 6250 See attachment

6320 - 6520 See attachment

6590 - 6790 See attachment

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PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod or Shut-in)		
01/11/10		2-1/2 x 2-1/4 x 24' pump			Producing		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio
01/11/10	24			100	150	550	
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr)	
						38.0	

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 
E-mail Address cjackson@conchoresources.com

Printed

Name Chasity Jackson

Title Agent for COG

Date 02/17/10

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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>2235</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <u>3199</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>3953</u>	T. Simpson	T. Gallup	T. Ignacio Oztte
T. Glorieta <u>5460</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>6914</u>	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	T. <u>Morrow</u>	T. Wingate	T.
T. Wolfcamp	T. <u>Yeso</u> <u>5532</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

From	To	Thickness In Feet	Lithology

Leaker CC State #20
API#: 30-015-39031
Lea, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5542 – 5630	Acidize w/ 3,000 gals acid.
	Frac w/ 100,679 gals gel, 112,026# BASF sand,
	18,414# Super LC Sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6050 – 6250	Acidize w/ 4,500 gals acid.
	Frac w/ 115,583 gals gel, 145,520# BASF sand,
	38,550# Super LC sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6320 – 6520	Acidize w/4,500 gals acid.
	Frac w/ 115,239 gals gel, 144,719# BASF sand,
	40,430# Super LC sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6590 – 6790	Acidize w/4,500 gals acid.
	Frac w/ 111,815 gals gel, 145,501# BASF sand,
	5,548# Super LC sand.