

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.
30-015-37402

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

1b 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

4 Well Location
Unit Letter **K** **1650** Feet From The **South** Line and **1650** Feet From The **West** Line
Section **16** Township **17S** Range **31E** NMPM **Eddy** County

10 Date Spudded
5/4/10

11 Date T D Reached
5/15/10

12 Date Compl (Ready to Prod)
6/8/10

13 Elevations (DF& RKB, RT, GR, etc)
3775' GR

14 Elev Casinghead

15 Total Depth
6625

16 Plug Back T D
6563

17 If Multiple Compl How Many Zones?
Yeso

18 Intervals Drilled By
X

19 Producing Interval(s), of this completion - Top, Bottom, Name
4870 - 6250

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	473	17-1/2	500	
8-5/8	32	1815	11	1325	
5-1/2	17	6615	7-7/8	1050	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	5912	

26 Perforation record (interval, size, and number)

4870 - 5062	1 SPF, 26 holes	OPEN
5510 - 5710	1 SPF, 26 holes	OPEN
5780 - 5980	1 SPF, 26 holes	OPEN
6050 - 6250	1 SPF, 26 holes	OPEN

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4870 - 5062	See attachment
5510 - 5710	See attachment
5780 - 5980	See attachment
6050 - 6250	See attachment

28 PRODUCTION

Date First Production
6/15/10

Production Method (Flowing, gas lift, pumping - Size and type pump)
2-1/2" x 2-1/4" x 24' pump

Well Status (Prod or Shut-in)
Producing

Date of Test
6/25/10

Hours Tested
24

Choke Size

Prod'n For Test Period

Oil - Bbl
153

Gas - MCF
119

Water - Bbl
209

Gas - Oil Ratio

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 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
E-mail Address
cjackson@conchoresources.com

Printed Name
Chasity Jackson

Title
Agent for COG

Date
7/19/10

Yucca State #8
API#: 30-015-37402
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4870 - 5062	Acidize w/ 3,000 gals acid.
	Frac w/ 103,455 gals gel,
	113,194#20/40 Ottawa sand, 13,366# 16/30 Super LC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5510 - 5710	Acidize w/ 3,500 gals acid.
	Frac w/ 116,713 gals gel,
	146,310# 20/40 Ottawa sand, 34,535# 16/30 Super LC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5780 - 5980	Acidize w/ 3,500 gals acid.
	Frac w/ 116,695 gals gel,
	145,795# 20/40 Ottawa sand, 36,208# 16/30 Super LC.

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6050 - 6250	Acidize w/ 3,500 gals acid.
	Frac w/ 113,664 gals gel,
	146,696# 20/40 Ottawa sand, 33,964# 16/30 Super LC.