

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.
30-015-30037

5. Indicate Type of Lease
STATE ☒ FEE ☐

State Oil & Gas Lease No.
E-742

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

7 Lease Name or Unit Agreement Name

Mesquite State

2 Name of Operator

COG Operating LLC

JUN 04 2008

3. Address of Operator

550 W. Texas Ave., Suite 1300 Midland, TX 79701

OCD-ARTESIA

8. Well No

1

9 Pool name or Wildcat

96610
Empire; Glorieta-Yeso, EAST

4 Well Location

Unit Letter L 1650 Feet From The South Line and 330 Feet From The West Line
Section 20 Township 17S Range 29E NMPM County Eddy

10. Date Spudded 08/09/1999 11. Date T.D Reached 03/18/2008 12. Date Compl. (Ready to Prod.) 05/06/2008 13. Elevations (DF& RKB, RT, GR, etc) 3658' KB 14. Elev Casinghead 3646 GR

15 Total Depth 5470' 16 Plug Back T.D 5384' 17 If Multiple Compl. How Many Zones? 18 Intervals Drilled By 19 Rotary Tools Yes 20 Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 4390'-5220', Yeso 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run SL-D/HNGS, Micro-CFL/HNGS 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	54.5#	145'	17 1/2	125 sxs	
8 5/8	24#	807'	12 1/4	425 sxs	
5 1/2	15.5#	4211'	7 7/8	1010 sxs	
4	11.3#	5464'	4 3/4	150 sxs	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	4138'	

26 Perforation record (interval, size, and number)
CHANGE THESE TO CONT 12 PERFS
3874'-4156 5', Squeezed Off
4390'-4490', 2 SPF, 32 holes
4570'-4650', 2 SPF, 32 holes
4740'-4940', 2 SPF, 32 holes
5020'-5220' 2 SPF, 42 holes

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

See Attached

28 PRODUCTION

Date First Production 05/10/2008 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping Well Status Producing

Date of Test 05/14/2008 Hours Tested 24 Choke Size Prod'n For Test Period Oil - Bbl 48 Gas - MCF 88 Water - Bbl 56 Gas - Oil Ratio 1833

Flow Tubing Press Casing Pressure Calculated 24-Hour Rate Oil - Bbl Gas - MCF Water - Bbl Oil Gravity - API - (Corr.) 38.6

29 Disposition of Gas (Sold, used for fuel, vented, etc) Sold Test Witnessed By

30 List Attachments
Logs, C-103 & Attachment, C-104, C-105 Attachment

31 I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Carol Ann Lance Printed Name Carol Ann Lance Title Regulatory Analyst Date 05/20/2008
E-mail Address clance@conchoresources.com

Mesquite State #1
API#: 30-015-30037
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5020'-5220'	Acidize w/2500 gal 15% HCL.
	Spearhead w/2500 gal 15% HCL. Frac w/
	42,717 gal SilverStem 21; 44,774# 16/30
	BASF; Flush w/2406 gal linear gel.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4740'-4940'	Acidize w/2500 gal 15% HCL.
	Spearhead w/2500 gal 15% HCL. Frac w/
	71,199 gal SilverStem LT 21; 75,787# BASF;
	30,040# CRC 16/30; Flush w/3100 gal linear gel.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4570'-4650'	Acidize w/2500 gal 15% acid. Frac w/30,000
	gal SilverStem; 36,780# 16/30 white sand;
	11,177# CRC. Flush w/base gel.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4390'-4490'	Acidize w/2500 gal 15% HCL. Frac w/26,000
	Gal SilverStem 21; 36,520# 16/30 white sand
	10,000# CRC Flush w/base gel.