

Submit to Appropriate District Office
 State Lease - 6 copies
 Fee Lease - 5 copies
DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-105
 Revised 1-1-89

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, New Mexico 87505

DISTRICT II
 811 South First, Artesia, NM 88210

DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.
 30-015-34819

5. Indicate Type of Lease
 STATE FEE

6. State Oil & Gas Lease No.
 E-742

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well:
 OIL WELL GAS WELL DRY OTHER _____

b. Type of Completion:
 NEW WELL WORK OVER Deepen PLUG BACK DIFF RESVR OTHER _____

2. Name of Operator
 COG Operating LLC

3. Address of Operator
 550 W. Texas, Suite 1300, Midland, TX 79701

7. Lease Name or Unit Agreement Name
 Mesquite State

8. Well No.
 18

9. Pool name or Wildcat
 Empire; Yeso, East

4. Well Location
 Unit Letter E : 1650 Feet From The North Line and 330 Feet From The West Line
 Section 20 Township 17S Range 29E NMPM Eddy County

10. Date Spudded 5/20/2006 11. Date TD Reached 5/31/2006 12. Date Compl. (Ready to Prod.) 6/16/2006 13. Elevations (DF & RKB, RT, GR, etc.) 3656' RKB 14. Elev. Casinghead 3647' GR

15. Total Depth 5405 16. Plug Back TD 5376 17. If Multiple Compl. How Many Zones? _____ 18. Intervals Drilled By _____ Rotary Tools Yes Cable Tools _____

19. Producing Interval(s), of this completion - Top, Bottom, Name
4392-5227', Yeso 20. Was Directional Survey Made Yes

21. Type Electric and Other Logs Run
Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray 22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8, H-40	48	352	17 1/2	820sx	None
8 5/8, J-55	24	793	12 1/4	600sx	None
5 1/2, J-55	17	5399	7 7/8	1200sx	None

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	5240	

26. Perforation record (interval, size, and number)
4392-5227', .42, 178

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
 DEPTH INTERVAL: 4392-5227' AMOUNT AND KIND MATERIAL USED: See C-103 for detail

28. PRODUCTION

Date First Production 6/19/2006 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 7/5/2006 Hours Tested 24 hours Choke Size _____ Prod'n For Test Period _____ Oil - Bbl. 81 Gas - MCF 102 Water- Bbl. 395 Gas - Oil Ratio 1259

Flow Tubing Press. _____ Casing Pressure _____ Calculated 24-Hour Rate _____ Oil - Bbl. 81 Gas - MCF 102 Water- Bbl. 395 Oil Gravity - API - (Corr.) _____

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*) Sold Test Witnessed By Robert C. Chase

30. List Attachments
Deviation Survey and Logs

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 Jerry W. Sherrell Printed Name Jerry W. Sherrell Title Production Clerk Date 7/21/2006

