

Submit To Appropriate District Office
Lease - 6 copies
Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1 W. Grand Avenue, Artesia, NM 88210
District III
10 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.
30-015-34866

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 RESV. ☐ 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
Imperial State

8. Well No.
005

9. Pool name or Wildcat
Loco Hills; Glorieta Yeso 96718

4. Well Location
Unit Letter **J** : **2310** Feet From The **South** Line and **1650** Feet From The **East** Line
Section **16** Township **17S** Range **30E** NMPM **Eddy** County

10. Date Spudded 7/7/06 11. Date T.D. Reached 7/20/06 12. Date Compl. (Ready to Prod.) 8-1-06 13. Elevations (DF& RKB, RT, GR, etc.) 3676 GR 14. Elev. Casinghead

15. Total Depth 5,970 16. Plug Back T.D. 5,949 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 5100.5' - 5769' Yeso 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run Laterlog, Density / Neutron **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	407	17 1/2	905 sx	
8 5/8	32	1,241	12 1/4	800 sx	
5 1/2	17	5,962	7-7/8	1420 sx	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-7/8	5,795

26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED			
5,100.5 - 5,494'	2 SPF, 52 holes	OPEN	Az w/1950gals az. Frac w/ 8022# LiteProp,	
5,578' - 5,769'	2 SPF, 52 holes	OPEN	90,660# 16/30, 98,238 gals 30# & 40# gel	
			5,578' - 5,769' Az w/43bbbs az. Fr w/LtPrp, 90,660# 16/30, &	

28. **PRODUCTION** 97,524gals gel.

Date First Production **8-5-06** Production Method (Flowing, gas lift, pumping - Size and type pump) **2-1/2 x 2 x 20' pump** Well Status (Prod. or Shut-in) **Producing**

Date of Test **8-22-06** Hours Tested **24** Choke Size **72** Oil - Bbl **183** Gas - MCF **412** Water - Bbl. **2542** Gas - Oil Ratio

Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API - (Corr.) **40.0**

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

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 *Phyllis Edwards* Printed Name **Phyllis Edwards** Title **Regulatory Analyst** Date **10/10/06**
E-mail Address **pedwards@conchoresources.com**

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	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 2099	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2814	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 4290	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	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> 4362	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