

Submit To Appropriate District Office
 Two Copies
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 811 S. First St., 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
 FEB 15 2013
 Oil Conservation Division
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-105
 Revised August 1, 2011

1. WELL API NO. 30-015-39152
 2. Type of Lease
 STATE FEE FED/INDIAN
 3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:
 COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)
 C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name
 Grave Digger State Com
 6. Well Number: 4H

7. Type of Completion:
 NEW WELL WORKOVER DEEPENING PLUGBACK DIFFERENT RESERVOIR OTHER

8. Name of Operator: COG Operating LLC
 9. OGRID: 229137

10. Address of Operator
 One Concho Center
 600 W. Illinois Avenue
 Midland, TX 79701
 11. Pool name or Wildcat
 N. Seven Rivers;Glorieta-Yeso (97565)

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	2	20S	25E		330	North	380	East	Eddy
BH:	P	2	20S	25E		334	South	381	East	Eddy

13. Date Spudded 11/17/12
 14. Date T.D. Reached 11/27/12
 15. Date Rig Released 1/03/13
 16. Date Completed (Ready to Produce) 1/03/13
 17. Elevations (DF and RKB, RT, GR, etc.) 3438' GR
 18. Total Measured Depth of Well 7207 MD 2869 TVD
 19. Plug Back Measured Depth 7141
 20. Was Directional Survey Made? Yes
 21. Type Electric and Other Logs Run
 No wireline logs ran

22. Producing Interval(s), of this completion - Top, Bottom, Name
 3150 -7100 Yeso

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8.625	32#	1110	11.0	1050 sx	
5.5	17#	7200	7.875	1000 sx	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	2267	

26. Perforation record (interval, size, and number)
 3150 - 3500 .21 36 holes
 5500 - 5900 .21 36 holes
 3700 - 4100 .21 36 holes
 6100 - 6500 .21 36 holes
 4300 - 4700 .21 36 holes
 6700 - 7100 .21 36 holes
 4900 - 5300 .21 36 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
 DEPTH INTERVAL 3150 - 7100
 AMOUNT AND KIND MATERIAL USED See Attachment

28. PRODUCTION

Date First Production 1/12/13
 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, 2.5 x 2.25 x 24' tbg pump
 Well Status (Prod. or Shut-in) Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio
1/19/13	24			69	45	500	652

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
70	70		69	45	500	39.0

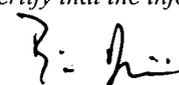
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold
 30. Test Witnessed By Kent Greenway

31. List Attachments
 C-102, C-103, C-144, Directional Survey

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:
 Latitude Longitude NAD 1927 1983

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 
 Printed Name Brian Maiorino Title Regulatory Analyst Date 2/12/13

E-mail Address: bmaiorino@concho.com



Grave Digger State Com #4H
API#: 30-015-39152
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3150 - 3500	Acidize w/3,000 gals acid.
	Frac w/250,987 gals gel
	9568# 100 mesh+ 97,106 16/30 brown+ 53,7541# 6/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3700 - 4100	Acidize w/3,000 gals acid.
	Frac w/248,444 gals gel,
	13,535# 100 mesh + 109,686 16/30 brown +45,996# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4300 - 4700	Acidize w/3,000 gals acid.
	Frac w/239,193 gals gel
	13,590# 100 mesh + 111,820# 16/30 brown +28,339# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4900 - 5300	Acidize w/3,000 gals acid.
	Frac w/241,557 gals gel,
	13,072# 100 mesh+ 108,083# 16/30 brown +30,656# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5500 - 5900	Acidize w/3,000 gals acid.
	Frac w/252,675 gals gel,
	13,733# 100 mesh+ 107,377 16/30 brown +47,467# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6100 - 6500	Acidize w/3,000 gals acid.
	Frac w/249,615 gals gel,
	12,528# 100 mesh + 156,348# 16/30 brown +45,543# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6700 - 7100	Acidize w/3,000 gals acid.
	Frac w/191,917 gals gel,
	9373# 100 mesh+ 155,985# 16/30 brown + 41,248# 16/30 CRC