

Submit To Appropriate District Office
Two Copies
District I
4625 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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised August 1, 2011

1. WELL API NO.
30-015-31349
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: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input checked="" type="checkbox"/> 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 Harper State				
7. Type of Completion: <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input checked="" type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER						6. Well Number: #4				
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 Loco Hills;Glorieta, Yeso				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	I	16	17S	30E		2170	South	990	East	Eddy
BH:										
13. Date Spudded 9/10/00	14. Date T.D. Reached 1/03/13	15. Date Rig Released 2/07/13		16. Date Completed (Ready to Produce) 2/07/13		17. Elevations (DF and RKB, RT, GR, etc.) 3676' GR				
18. Total Measured Depth of Well 5955'		19. Plug Back Measured Depth 5875'		20. Was Directional Survey Made? yes		21. Type Electric and Other Logs Run DSNCSG				
22. Producing Interval(s), of this completion - Top, Bottom, Name 4480-5250										

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13.375	48#	477	17.5	450 sx	
8.625	24#	1212	12.25	525 sx	
5.5	17#	4946	7.875	935 sx	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4.0	4218	5923	140		2.875	4158	
26. Perforation record (interval, size, and number) 5500-5700, 1 spf, 0.34, 26 shots 5220-5420, 1 spf, 0.34, 26 shots 4950-5150, 1 spf, 0.34, 26 shots 4500-4700, 1 spf, 0.34, 26 shots				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED See Attachment See Attachment			

PRODUCTION

28. Date First Production 2/7/13		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, 2 1/2" x 1 3/4" x 16' Andrews				Well Status (Prod. or Shut-in) Producing	
Date of Test 2/23/13	Hours Tested 24	Choke Size	Prod'n For Test Period 21	Oil - Bbl 21	Gas - MCF 240	Water - Bbl. 70	Gas - Oil Ratio 292
Flow Tubing Press. 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl. 21	Gas - MCF 240	Water - Bbl. 70	Oil Gravity - API - (Corr.) 37.7	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						30. Test Witnessed By Kent Greenway	

31. List Attachments

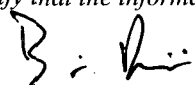
Logs, C-103, C-144, Survey

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: 2/26/13

E-mail Address: bmaiorino@concho.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 and not later than 60 days after completion of closure. When submitted as a completion report, this 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 11, 12 and 26-31 shall be reported for each zone.

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 A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 1204	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 1502	T. Devonian	T. Cliff House	T. Leadville
T. Queen 2104'	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 2826'	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 4284'	T. McKee	T. Gallup	T. Ignacio Oztze
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb 4649'	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. Yeso	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, 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

*Attachment: #27

4347-4754, squeeze perms, 600 sx cmt

5500-5700, acidize w/2500 gal 15%, frac w/119,379 gls gel. Carrying. 151,792#16/30 brown+ 33,719# 16/30 CRC

5220-5420, acidize w/2500 gal 15%, frac w/112,597 gls gel Carrying. 146,449#16/30 brown + 32,249# 16/30 CRC

4950-5150, acidize w/2250 gal 15%, frac w/124,227 gls gel Carrying. 170,268#16/30 brown+ 31,760# 16/30 CRC

4500-4700, acidize w/1500 gal 15%, frac w/93,823 gls gel Carrying. 94958#16/30 brown+ 6032# 16/30 CRC