

Form C-105 July 17, 2008

State of New Mexico Energy, Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr. Santa Fe, NM 87505

RECEIVED FEB 17 2012

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)

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

8 Name of Operator
COG Operating LLC

10 Address of Operator
550 W Texas Ave, Suite 100
Midland, TX 79701

9. OGRID 229137

11. Pool name or Wildcat
Grayburg Jackson; SR-Q-G-SA 28509

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	F	15	17S	29E		2310	North	1650	West	Eddy
BH:										

13 Date Spudded 12/5/11 14 Date T D Reached 12/13/11 15 Date Rig Released 12/15/11 16 Date Completed (Ready to Produce) 1/11/12 17. Elevations (DF and RKB, RT, GR, etc) 3568' GR

18. Total Measured Depth of Well 5523 19. Plug Back Measured Depth 5435 20 Was Directional Survey Made? No 21 Type Electric and Other Logs Run CN/HNGS, MCFL/HNGS

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

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	353	17-1/2	400	
8-5/8	24	858	11	400	
5-1/2	17	5509	7-7/8	1050	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	5201	

26 Perforation record (interval, size, and number)

4020 - 4270 - .42, 26 holes	Open
4410 - 4660 - .42, 26 holes	Open
4730 - 4980 - .42, 26 holes	Open
5050 - 5300 - .42, 26 holes	Open

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4020 - 4270	See Attachment
4480 - 4660	See Attachment
4730 - 4980	See Attachment
5050 - 5300	See Attachment

28 PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod or Shut-in)
1/21/12	2-1/2" x 2" x 24' RHBC pump	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/7/12	24			129	171	460	1325

Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr)
70	70		129	171	460	40.0

29. Disposition of Gas (Sold, used for fuel, vented, etc)
Sold

30 Test Witnessed By
Kent Greenway

31. List Attachments
Logs, C-102, C-104, Deviation 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 *Chasity Jackson* Printed Name Chasity Jackson Title Regulatory Analyst Date 2/15/12

E-mail Address cjackson@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 928	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen 1807	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 2493	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3931	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. Yeso 4016	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. 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

Continental State #15
API#: 30-015-38370
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4020 - 4270	Acidize w/1,500 gals acid.
	Frac w/97,037 gals gel, 97,577# 16/30 ottawa,
	18,667# 16/30 CRC sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4410 - 4660	Acidize w/1,500 gals acid.
	Frac w/115,000 gals gel, 145,126# 16/30 ottawa,
	31,829# 16/30 CRC.

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4730 - 4980	Acidize w/1,500 gals acid.
	Frac w/111,883 gals gel, 149,366# 16/30 ottawa,
	32,355# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5050 - 5300	Acidize w/3,500 gals acid.
	Frac w/115,381 gals gel, 148,697# 16/30 ottawa,
	31,334# 16/30 CRC.