

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMLC054280		
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator COG OPERATING LLC			Contact: ROBYN RUSSELL E-Mail: russell@concho.com		
3. Address 600 W ILLINOIS AVENUE MIDLAND, TX 79701			3a. Phone No. (include area code) Ph: 432-685-4385		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESE 330FSL 990FEL At top prod interval reported below SESE 330FSL 990FEL At total depth SESE 330FSL 990FEL			8. Lease Name and Well No. MCINTYRE A EAST 15		
14. Date Spudded 08/01/2001			15. Date T.D. Reached 08/11/2001		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/26/2018			9. API Well No. 30-015-31854-00-S2		
18. Total Depth: MD 5064 TVD			19. Plug Back T.D.: MD 4517 TVD		
20. Depth Bridge Plug Set: MD 4517 TVD			10. Field and Pool, or Exploratory LOCO HILLS-QU-GB-SA		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR N L D SGR CN			11. Sec., T., R., M., or Block and Survey or Area Sec 20 T17S R30E Mer NMP		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)			12. County or Parish EDDY		
23. Casing and Liner Record (Report all strings set in well)			13. State NM		
17. Elevations (DF, KB, RT, GL)* 3636 KB			17. Elevations (DF, KB, RT, GL)* 3636 KB		

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J55	24.0		1230		625			
7.875	5.500 J55	17.0		5033		1050			
17.500	13.375 H40	48.0	0	425		450			

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4378							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	3740	4148	3370 TO 3676	0.430	54	OPEN
B)			3740 TO 4148	0.430	54	OPEN
C)			4602 TO 4719	0.410	34	CLOSED
D)						

Depth Interval	Amount and Type of Material
3370 TO 3676	ACIDIZE W/1246 GALS ACID, FRAC W/529,032 GALS SLICK WATER, 530,250 GALS CLEAN, 546,588 GALS DIRTY,
3740 TO 4148	ACIDIZE W/1848 GALS ACID, FRAC W/629,916 GALS SLICK WATER, 631,764 GALS CLEAN, 648,564 GALS DIRTY,

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/03/2018	09/05/2018	24	→	40.0	75.0	820.0	36.2	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
		94.0	→	40	75	820	1875	POW	

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #434570 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

accepted for record 4/26/2020 ab

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

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

30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	31. Formation (Log) Markers
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
SAN ANDRES PADDOCK	3022 4578	4718		QUEEN SAN ANDRES GLORIETA	2242 3022 4519

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:			
1. Electrical/Mechanical Logs (1 full set req'd.)	2. Geologic Report	3. DST Report	4. Directional Survey
5. Sundry Notice for plugging and cement verification	6. Core Analysis	7 Other:	

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #434570 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DINAH NEGRETE on 02/03/2019 (19DCN0015SE)

Name(*please print*) ROBYN RUSSELL Title SR REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 09/10/2018

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Revisions to Operator-Submitted EC Data for Well Completion #434570

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMLC054280	NMLC054280
Agreement:		
Operator:	COG OPERATING LLC 600 W. ILLINOIS AVE MIDLAND, TX 79701 Ph: 432-683-7443	COG OPERATING LLC 600 W ILLINOIS AVENUE MIDLAND, TX 79701 Ph: 432.685.4385
Admin Contact:	ROBYN RUSSELL REGULATORY ANALYST E-Mail: rrussell@concho.com Ph: 432-685-4385	ROBYN RUSSELL SR REGULATORY ANALYST E-Mail: rrussell@concho.com Ph: 432-685-4385
Tech Contact:	ROBYN RUSSELL REGULATORY ANALYST E-Mail: rrussell@concho.com Ph: 432-685-4385	ROBYN RUSSELL SR REGULATORY ANALYST E-Mail: rrussell@concho.com Ph: 432-685-4385
Well Name: Number:	MCINTYRE A EAST 15	MCINTYRE A EAST 15
Location: State: County: S/T/R: Surf Loc:	NM EDDY Sec 20 T17S R30E Mer SESE 330FSL 990FEL	NM EDDY Sec 20 T17S R30E Mer NMP SESE 330FSL 990FEL
Field/Pool:	GB JACKSON;SA-Q-G-SA	LOCO HILLS-QU-GB-SA
Logs Run:	CN	GR N L D SGR CN
Producing Intervals - Formations:	SAN ANDRES SAN ANDRES	SAN ANDRES
Porous Zones:	SAN ANDRES	SAN ANDRES PADDOCK
Markers:	QUEEN SAN ANDRES GLORIETA	QUEEN SAN ANDRES GLORIETA