

Submit 1 Copy To Appropriate District Office

District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
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-103  
Revised July 18, 2013

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM NM 10-103) FOR PROPOSALS.)		WELL API NO. 30-015-30729
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other SWD <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator COG Operating LLC		6. State Oil & Gas Lease No.
3. Address of Operator One Concho Center, 600 W. Illinois Avenue, Midland, TX 79701		7. Lease Name or Unit Agreement Name State S-19
4. Well Location Unit Letter <u>P</u> : <u>990</u> feet from the <u>South</u> line and <u>990</u> feet from the <u>East</u> line Section <u>19</u> Township <u>17S</u> Range <u>28E</u> NMPM County <u>Eddy</u>		8. Well Number 12
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 229137
10. Pool name or Wildcat Empire; Glorieta -Yeso		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: Recompletion ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

COG Operating LLC respectfully requests to recomplete the State S-19 #12.

We plan to have our top perms from 2,650' - 2,850' and bottom perms from 3,000' - 3,200'. Ideally, we like to have the additional space of rat hole below our bottom perms to give our bottom hole assembly room and prevent tubing from getting stuck with sand. In addition to having desired rat hole space, this gives COG the option to re-enter the paddock formation at a later time.

\* Please see attached Proposed Recompleted Procedure, current and proposed WBD.

Red LAKE ~~SA~~ SA  
97253

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Dana King TITLE Permit Specialist II DATE 2/27/2019

Type or print name Dana King E-mail address: dking@concho.com PHONE: (432) 818-2267  
For State Use Only

APPROVED BY: Raymond W. Boland TITLE Geologist DATE 3-1-19  
Conditions of Approval (if any):

**State S-19 #12 Recompletion Proposed Procedure 30-015-30729**

We plan to have our top perfs from 2,650' – 2,850' and bottom perfs from 3,000' – 3,200'. Ideally, we like to have the additional space of rat hole below our bottom perfs to give our bottom hole assembly room and prevent tubing from getting stuck with sand. In addition to having desired rat hole space, this gives COG the option to re-enter the paddock formation at a later time.

**Equipment Pull Procedure**

- RIH w/ perforating guns and perforate San Andres Zone from 3,000'-3,200', w/ 3 spf, 120° phasing, 54 holes
- Dump bail acid in the perf interval
- NU 5K frac valve
- Secure wellbore
- RDMO WSU

**Tentative Recompletion Procedure**

- RU Elite Well Services Frac Crew
- Acidize w/ 3,000 gals of 15% HCl.
- XL Frac zone w/ 200,000 # of sand.
- Record ISIP and FG, Get 5, 10, 15 min SIP
- Rig up Wireline
- RIH w/ WL and set Composite Plug @ 2,950'
- Perforate San Andres Zone from 2,650'-2,850', w/ 3 spf, 120° phasing, 54 holes.
- Acidize w/ 3,000 gals of 15% HCl.
- XL Frac zone w/ 200,000 # of sand.
- Record ISIP and FG, Get 5, 10, 15 min SIP
- RDMO Elite

**Return to Production Procedure**

- MIRU WSU
- RIH with bit and bailer to drill
- Clean out fill to new PBTD @ 3,760'
- RIH with production tubing as follows:
  - (78) jts 2-7/8" J55 6.5# tbg
  - (1) 2' marker joint
  - (2) jts 2-7/8" J55 6.5# tbg
  - TAC @ 2,500'
  - (23) jts 2-7/8" J55 6.5# tbg
  - SN @ 3,230'
  - (1) 20' MSMA
  - EOT @ 3,250'
- ND BOP, set TAC, flange up WH
- RIH w/ rod design as follows:
  - (1) 26' x 1-1/2" SMPR
  - (1) 6' x 3/4" rod sub
  - (2) 8' x 3/4" rod subs
  - (122) 3/4" D rods
  - (7) 1-5/8" K bars
  - (1) 25-150 RHBC-20' Pump
- Hang on, load tubing and note pump action and alignment
- Clean location
- PWOP
- RDMO, TOTP

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

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

MAR 04 2019

RECEIVED

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

* API Number 30-015-30729		* Pool Code 97253	* Pool Name Red Lake - San Andres
* Property Code 302589	* Property Name State S 19		* Well Number 12
* OGRID No. 229137	* Operator Name COG Operating, LLC		* Elevation 3,664'

\* Surface Location

UL or lot no.	Section	Township	Range	Lot 1 dn	Feet from the	North/South line	Feet from the	East/West line	County
P	18	17S	29E		990	South	990	East	Eddy

\* Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1 dn	Feet from the	North/South line	Feet from the	East/West line	County
* Dedicated Acres		* Joint or Infill		* Consolidation Code		* Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

				<p>* OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><u>Dana King</u> 3/4/2018 Signature Date</p> <p>Dana King Printed Name</p> <p>dking@winnco.com E-mail Address</p>
				<p>* SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey _____ Signature and Seal of Professional Surveyor: _____ Certificate Number _____</p>

RWP 3-5-19

# COG Operating LLC

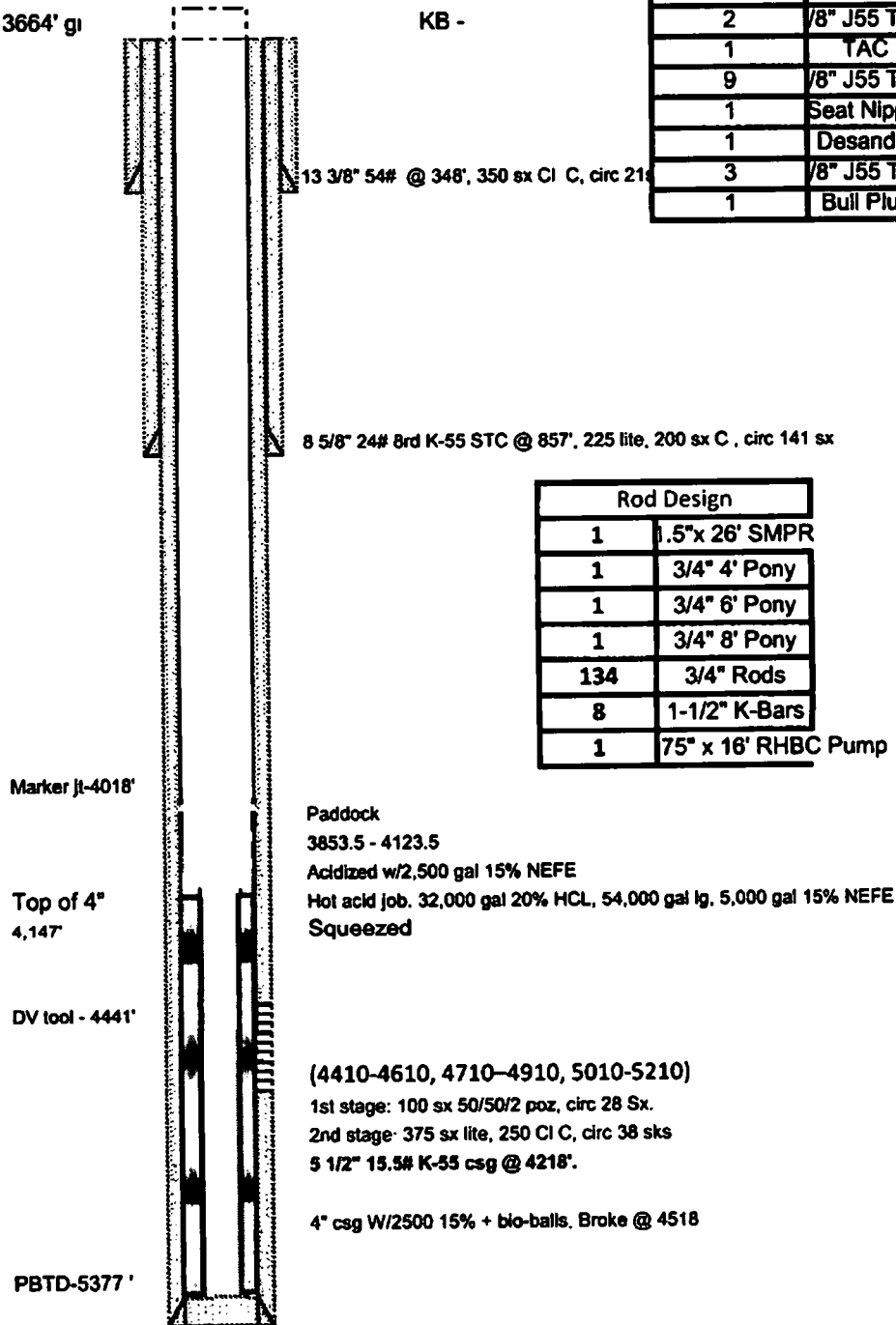
**Lease & Well #**      **State S-19 # 12 - Current**

SPUD- 11/29/99

Elevation - 3664' gr

KB -

Tubing As Run		Depth
114	1/8" J55 Tub	3,657
1	2' MS	3,659
2	1/8" J55 Tub	3,724
1	TAC	3,726
9	1/8" J55 Tub	4,017
1	Seat Nipple	4,018
1	Desander	4,037
3	1/8" J55 Tub	4,132
1	Bull Plug	4,133



Rod Design	
1	1.5"x 26' SMPR
1	3/4" 4' Pony
1	3/4" 6' Pony
1	3/4" 8' Pony
134	3/4" Rods
8	1-1/2" K-Bars
1	75" x 16' RHBC Pump

# COG Operating LLC

**Lease & Well #**      **State S-19 # 12 - Proposed**

**SPUD-** 11/29/99

**Elevation -** 3664' g

**KB -**

