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

WELL API NO. 30-015-39176
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: McCoy State
1. Type of Well: Oil Well ☒ Gas Well ☐ Other
8. Well Number 20
2. Name of Operator: COG Operating LLC
9. OGRID Number 229137
3. Address of Operator: One Concho Center, 600 W. Illinois Avenue, Midland, TX 79701
10. Pool name or Wildcat: Empire;Glorieta-Yeso, East
4. Well Location
Unit Letter C : 970 feet from the North line and 2415 feet from the West line
Section 08 Township 17S Range 29E NMPM County Eddy
11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3,629 GR

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER: Recomplete	☒			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 McCoy State 20.

The McCoy State #20 was originally drilled and completed by COG in 2011. Due to its location and low production it is a candidate for up hole recompletion. We are going to set a CIBP at 3,870' (50' above the paddock perfs) w/ 40' of CMT on top of the plug to have our PBTD @ 3,830'. The casing will then be pressured tested to 4,300psi. We plan to have our top perfs from 3,350' – 3,550'. 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 Yeso formation at a later time. In the event the well fails the casing test, it will be plugged and abandoned.

RECEIVED
APR 22 2019
DISTRICT II-ARTESIA O.C.D.

Please see the attached proposed procedure, current and proposed WBD.

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 4/18/2019

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

For State Use Only

APPROVED BY: Accepted for record TITLE DATE 4/23/19
Conditions of Approval (if any):

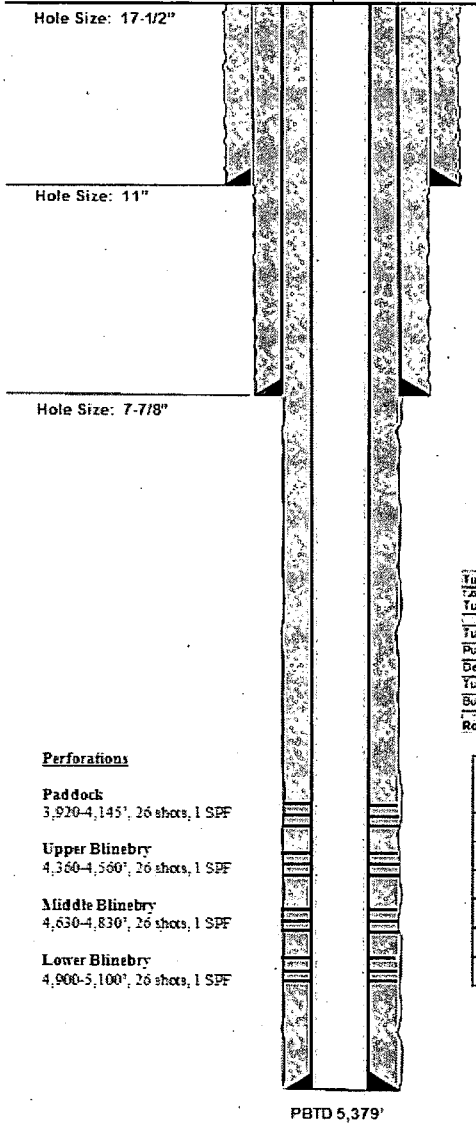
McCoy State #20 – Recompletion Plan

The McCoy State #20 was originally drilled and completed by COG in 2011. Due to its location and low production it is a candidate for up hole recompletion. We are going to set a CIBP at 3,870' (50' above the paddock perfs) w/ 40' of CMT on top of the plug to have our PBTD @ 3,830'. The casing will then be pressured tested to 4,300psi. We plan to have our top perfs from 3,350' – 3,550'. 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 Yeso formation at a later time. In the event the well fails the casing test, it will be plugged and abandoned.

WBD

CONCHO — CURRENT WELLBORE DIAGRAM

API: 30-015-39176 **SPUD:** 09/25/2011 **FRR:** 10/03/2011 **RIG:** Silver Oak Rig #4 **GL:** 3,629' **KB:** 3,641'	**McCoy State #20** **Empire Field** **Glorieta-Yeso Pool** **Eddy County, NM** **Paddock / Blinebry Formation**	**SHL:** Sec. 8, T 17S – R 29E 970' FNL & 2,415' FWL **LAT:** 32.8538055 **LONG:** -104.0977936 NAD83



Surface Casing
13-3/8" 48# H-40 ST&C @ 373'
CMT'ed w/:
300 SX CLASS C + ADDS (1.49 YLD / 14.6 PPG)
250 SX CLASS C + ADDS (1.75 YLD / 13.5 PPG)
400 SX CLASS C + ADDS (1.35 YLD / 14.8 PPG)

CIRC. 21 SX (1" TO SURFACE W/100 SX)

Intermediate Casing
8-5/8" 24# J-55 ST&C @ 866'
CMT'ed w/:
200 SX CLASS C + ADDS (2.45 YLD / 11.8 PPG)
200 SX CLASS C + ADDS (1.35 YLD / 14.8 PPG)

CIRC. 87 SX

Production Casing
5-1/2" 17# J-55 LT&C @ 5,423'
CMT'ed w/:
650 SX CLASS C + ADDS (1.99 YLD / 12.6 PPG)
400 SX CLASS C + ADDS (1.36 YLD / 14.0 PPG)

CIRC. 166 SX

Tubing Strings

Tubing - Production	Run Date 8/9/2016	String Length 5,034.03			Set Depth (KB) 5,034.0	
Item Des	Jts	OD (in)	Weight	Grade	Btm (ftKB)	
Tubing	145	2 7/8	6.50	J-55	4,854.5	
Pump Seating Nipple	1	2.78			4,855.6	
Desander	1	3 1/2			4,877.8	
Tubing	5	2 7/8	6.50	J-55	5,033.6	
Bull Plug	1	2 7/8			5,034.0	

Rod Strings

RODS	Description	Footage (est.)
	1-1/2" X 26' SMPR	26.00
33	7/8" N97 Steel Rods	825.00
37	3/4" N97 Steel Rods w/ 6 GPR	925.00
125	3/4" N97 Steel Rods	3,125.00
9	1-1/2" Sinker Bars	225.00
	2-1/2" X 1-1/2" X 20' Prod Pump	20.00

Perforations

Paddock
3,920-4,145', 26 shots, 1 SPF

Upper Blinebry
4,360-4,560', 26 shots, 1 SPF

Middle Blinebry
4,630-4,830', 26 shots, 1 SPF

Lower Blinebry
4,900-5,100', 26 shots, 1 SPF

General Information
Well name: McCoy State #20
API#: 30-015-39176
Procedure prepared by: Jon Tower
Date prepared: 3/15/19
Surface Hole Latitude: 32.8538055
Surface Hole Longitude: -104.0977936 NAD83

Tentative Equipment Pull Procedure

- MIRU WSU, NU BOP
- Unset pump and POOH with rods / pump and laydown
- ND WH, NU BOP and POOH with Tubing standing back
- PU scraper and scrape down to 4,000'
- POOH and laydown all tubing
- RU Wireline
- Make gauge ring/ junk basket run
- Run CCL/GR to 4,000' to 1,000'
- Set CIBP @ 3,870'
- Wireline truck dump 40' Class C cement of top of CIBP
- Tag cement plug to verify depth of 3,830'
- Load casing with fresh water and test casing to 4,300 psi and chart for 30mins report back to engineering if the pressure holds.
- RIH w/ perforating guns and perforate San Andres Zone from 3,350'-3,550', 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
- RDMO Elite

Tentative Return to Production Procedure

- MIRU WSU
- RIH with bit and bailer to drill
- Clean out fill to new PBTD @ 3,830'
- RIH with production tubing as follows:
    - (92) jts 2-7/8" J55 6.5# tbg
    - (1) 2' marker joint
    - (2) jts 2-7/8" J55 6.5# tbg
    - **TAC @3,000'**
    - (18) jts 2-7/8" J55 6.5# tbg
    - **SN @ 3,580'**
    - (1) 20' MSMA

Tentative Return to Production Procedure Continued

- **EOT @ 3,600'**

- ND BOP, set TAC, flange up WH
- RIH w/ rod design as follows:
  - (1) 26' x 1-1/2" SMPR
  - (1) 6' x ¾" rod sub
  - (2) 8' x ¾" rod subs
  - (136) 3/4" D rods
  - (7) 1-5/8" K bars
  - (1) 25-150 RHBC-20' Pump
- Please reuse as many rods as possible and pull the rest from inventory
- PLEASE ADJUST UNIT TO 9 SPM
- PLEASE ENSURE UNIT IS IN LONG HOLE ON CRANKS
  - If crank rotation is not CCW, please make sure it is CCW
- Hang on, load tubing and note pump action and alignment
- Clean location
- RDMO, TOTP