

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

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

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.)		WELL API NO. 30-015-31041
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other SWD		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED
2. Name of Operator COG Operating LLC		6. State Oil & Gas Lease No.
3. Address of Operator 600 W Illionis Ave, Midland, TX 79701		7. Lease Name or Unit Agreement Name M Dodd B Deep Federal
4. Well Location Unit Letter <u>H</u> : <u>1980</u> feet from the <u>North</u> line and <u>1295</u> feet from the <u>East</u> line Section <u>14</u> Township <u>17S</u> Range <u>29E</u> NMPM Eddy County		8. Well Number <u>2</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3625</u>		9. OGRID Number 229137
10. Pool name or Wildcat Grayburg-Jackson-SR-QN-GB-SA		

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: HIT (Possible Packer Leak) <input checked="" type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
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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.

The original plan was to P&A this well due to a failed MIT. The decision has been made to repair the well and return to an active SWD. We have already run the blanking plug to the packer and determined we have a tubing leak. We will replace any failed jts of IPC tbg.

Please see the attached Procedure and WBD.

NM OIL CONSERVATION
 ARTESIA DISTRICT

SEP 20 2019

RECEIVED

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 9/18/2019

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

For State Use Only

APPROVED BY: Dana King TITLE compliance officer DATE 9-25-19
 Conditions of Approval (if any):

General Information

Well Name: **M Dodd B Deep Federal #2**

API#: **30-015-31041**

Issue: **Failed MIT**

Lat/Long: 32.8364449,-104.041069

Procedure Prepared By: Thomas Rebenack

Date Prepared: 9/18/2019

Procedure

- I have spoken to Dan at the OCD. We are not required to contact him if we are only pulling tubing. We must contact him only if we plan on pulling or moving the packer.

- If we have a HIT, then ND the WH and NU BOP
 - TOO H w/ tubing and lay it down on pipe racks to thoroughly inspect it for corrosion or abnormalities
 - Replace any bad joints
 - We have some spare IPC tubing in Concho's inventory. Reach out to procurement
 - Run back w/ the same tubing design and setting depths. Hydrotest back in to 5,000 psi
- If we have a packer leak, then pull the blanking plug, shut in the casing and pump 60 bbls of 10# brine down the tbg
 - Please call Engineer with the SITP so we can discuss the kill mud weight we need to order
 - We will need a total of 250 bbls of mud
 - 60 bbls of mud will need to be bull headed down the tubing
 - 150 bbls of mud will need to be bull headed down the csg
 - 40 bbls extra
 - Once the well is dead TOO H w/ the tbg and packer
 - Please have Kenco take the packer in for repair
 - Run back w/ the same tubing design and setting depths. Hydrotest back in to 5,000 psi
 - Get off O/O tool and reverse circulate annulus w/ approximately 150 bbls of packer fluid
 - Latch onto injection packer
 - Pressure up on the tbg to rupture the pump out plug
- ND BOP, NU WH
- Contact NMOCD to witness the MIT
- Clean location and turn over to operations

Wellbore Diagram on page 2

Lease & Well #	M Dodd B Deep Federal #2		
API #	30-015-31041		
Lat/Long:	32.8364449,-104.041069		
Spud Date: 10/26/2000	H-14-17S-29E, 1980 FNL & 1295 FEL		
Elevation: 3625' GR	Eddy County, NM		
			Did not circ; TOC @ 50', Ready mix to surf Cmt w/ 400 sx Prem Plus
17-1/2" hole			13-3/8" 48# H-40 @ 425'
There was a 9-5/8" casing leak in July 2004. Marbob pumped 113 sx and achieved 2800 psi squeeze			Circ 150 sx Cmt w/ 1200 sx C & 250 sx Prem Plus
12-1/4" hole			9-5/8" 24# Csg @ 4532'
			Packer @ 8,959'
			CISCO PERFS: 9,015 - 9,400' re-perf'd CISCO from 9,015 - 9,400' and converted to SWD in 2004
PBTD @ 9,400'			CIBP pushed to 9,400' (was set at 9,050' but drilled out and pushed down)
			CIBP @ 9,950'
			STRAWN PERFS: 9,991 - 10,141'
			CIBP @ 10,550'
			ATOKA PERFS: 10,583 - 10,681'
			CIBP @ 10,728'
7-7/8" hole			MORROW PERFS: 10,804 - 10,839'
			Did not circ, TOC @ 3500' per temp survey Cmt w/ 1900 sx H
TD @ 11,185'			5-1/2" 17# P-110 @ 11,185'