

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. 30-015-20685
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <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 Ave, Midland, TX 79701		7. Lease Name or Unit Agreement Name Empire South Deep Unit
4. Well Location Unit Letter <u>N</u> : <u>660</u> feet from the <u>North</u> line and <u>1980</u> feet from the <u>West</u> line Section <u>31</u> Township <u>17S</u> Range <u>29E</u> NMPM County <u>Eddy</u>		8. Well Number <u>3</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3646 GL		9. OGRID Number 229137
		10. Pool name or Wildcat Empire South (Wolfcamp) 22430

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: Repair Casing <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.

COG Operating LLC respectfully requests to fix the above well's casing leak as follows:

See Attachment.

NM OIL CONSERVATION
 ARTESIA DISTRICT

JUL 25 2014

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 K. Castillo TITLE Lead Regulatory Analyst DATE 7/17/14

Type or print name Kanicia Castillo E-mail address: kcastillo@concho.com PHONE: 432-685-4332
 For State Use Only

APPROVED BY: [Signature] TITLE Dir. of Reg. Services DATE 7/28/2014

Conditions of Approval (if any):

Empire South Deep Unit #3 – Casing Remediation Procedure

API #30-015-20685

Formation: Wolfcamp

Perfs 8590' - 8600'

Hole in Casing 3250' - 4600'

TOC (5-1/2") 5765'

CIBP 10570'

Unit: 456-305-144 @ 8.1 SPM

Fluid Level: 187' GFAP @ 100% RT

Well Test: 68 oil, 165 water, 145 gas on (4/1/14)

Scada: Cards have 86% fillage w/ sinker bar effect.

Treatment Method: Continuous (Catalyst)

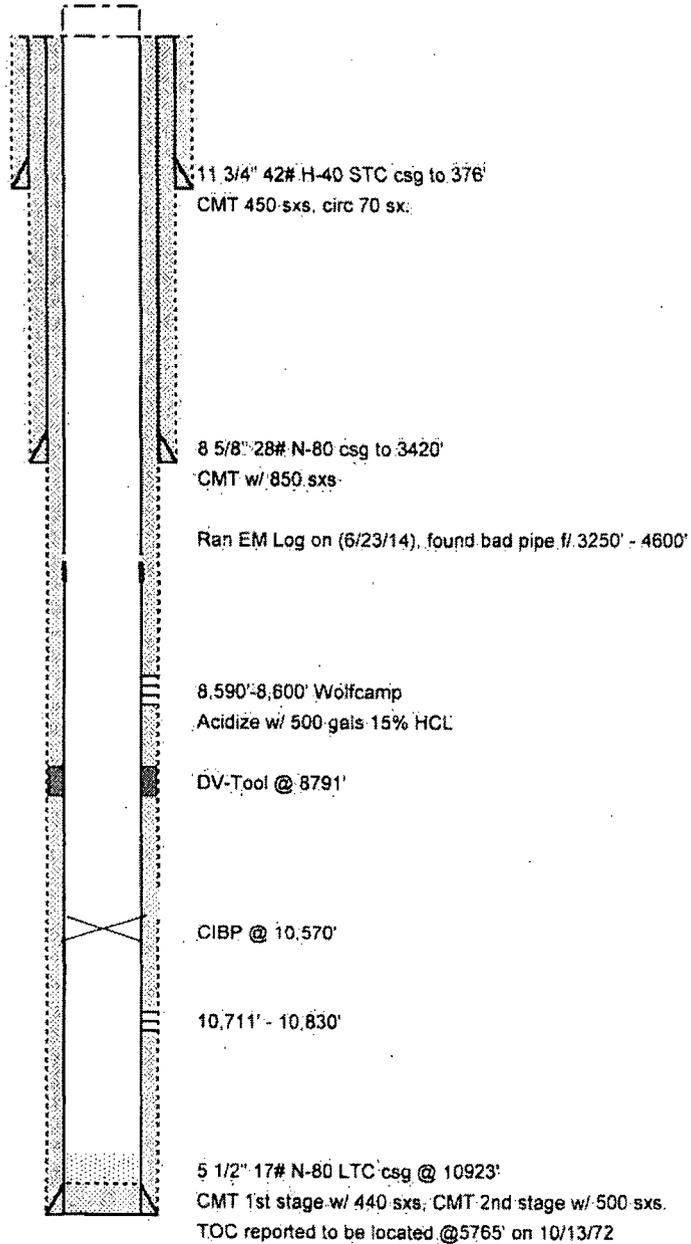
Procedure

- MIRU WSU and RIH w/ 5.5" CBP to be set @ 6000'.
- Unload & tally 4" 11.3# UF JT CSG.
- Inspect & clean CSG.
- RU lay down machine & CSG crew.
- RIH w/ 4" CSG, tag CBP, and set pipe.
- Pump 1st stage w/ 500 sxs Class C neat CMT w/ lost circulation additives.
- Drop bomb and open external casing packer @ +/- 3100'.
- Circulate off the top of the tool w/ fresh water until returns are clean.
- Pump 2nd stage w/ 250 sxs Class C neat CMT.
- WOC 16 hours, unload & tally workstring.
- Drill out DV-Tool /ECP, shoe track, and circulate hole clean w/ foam air unit.
- 4" liner will run from surface to +/- 6000'.
- RIH w/ production equipment, displace 500 gallons of 15% NEFE.
- Hang well on and return to production.

COG Operating LLC

Lease & Well # Empire South Deep Unit #3
30-015-20685

SPUD-8/6/1972 (Midwest Oil Corp)



7/17/2014

Empire SDU #3 - WBS_JM

SHodges