

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

WELL API NO. 30-025-38600
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Pick SWD
8. Well Number 2
9. OGRID Number 229137
10. Pool name or Wildcat SWD; Delaware

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.)

1. Type of Well: Oil Well Gas Well Other SWD **HOBBS OCD**

2. Name of Operator
COG Operating LLC **MAY 16 2014**

3. Address of Operator
2208 W. Main Street, Artesia, NM 88210 **RECEIVED**

4. Well Location
Unit Letter J : 2310 feet from the South line and 2310 feet from the East line
Section 23 Township 18S Range 33E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3871'

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

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

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.

Propose to plug & abandon as follows:

**See Attached
 Conditions of Approval**

- 1) RIH w/cmt rtnr on tbg to approx. 4000' & pump 250 sx Class C neat to place cmt from rtnr @ 4000' down to top Delaware injection perf @ 5757'. Note: 250 sx cmt is 44% more than is required to fill the 5 1/2" csg from rtnr @ 4000' to top Delaware injection perf @ 5757'. This plug will cover the DV tool @ 4070', Queen @ 4277', Penrose @ 4718', Delaware sand @ 5297', sqzd Delaware sand perfs 5304-5348' & place cmt well into Delaware sand disposal interval 5757-6414'.
- 2) With end of tbg just above cmt rtnr @ 4000', spot 40 bbls mud-laden fluid on bottom.
- 3) With end of tbg @ 3008', spot 25 sx Class C neat to cover base of salt @ 2908'. WOC for 3-4 hrs & tag plug. If plug tagged deeper than 2900', re-spot plug.
- 4) Assuming there's a csg leak @ approx. 2500', RIH w/CIBP on tbg to 2400' & spot 25 sx Class C w/2% CaCl2 on top of CIBP.
- 5) With end of tbg @ 1800', spot 40 bbls mud-laden fluid on bottom. Spot 40 sx Class C w/2% CaCl2 to cover top of salt @ 1700' & 8 5/8" csg shoe @ 1566'. WOC for 3-4 hrs & tag plug. If plug tagged deeper than 1500', re-spot plug.
- 6) With end of tbg @ 200', spot 25 sx Class C neat from 200' to surface.
- 7) Cut off well-head & weld plate onto 8 5/8" stub. Weld a 4" diameter dry-hole marker onto plate such that 4" of it is above ground level.

BELOW GRADE

LPC AREA

(Schematics Attached)

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

SIGNATURE Stormi Davis TITLE: Regulatory Analyst DATE: 5/14/14
 Type or print name: Stormi Davis E-mail address: sdavis@concho.com PHONE: (575) 748-6946

For State Use Only
 APPROVED BY: Mary Brown TITLE: Dist. Supervisor DATE: 5-19-2014
 Conditions of Approval (if any):

MAY 19 2014

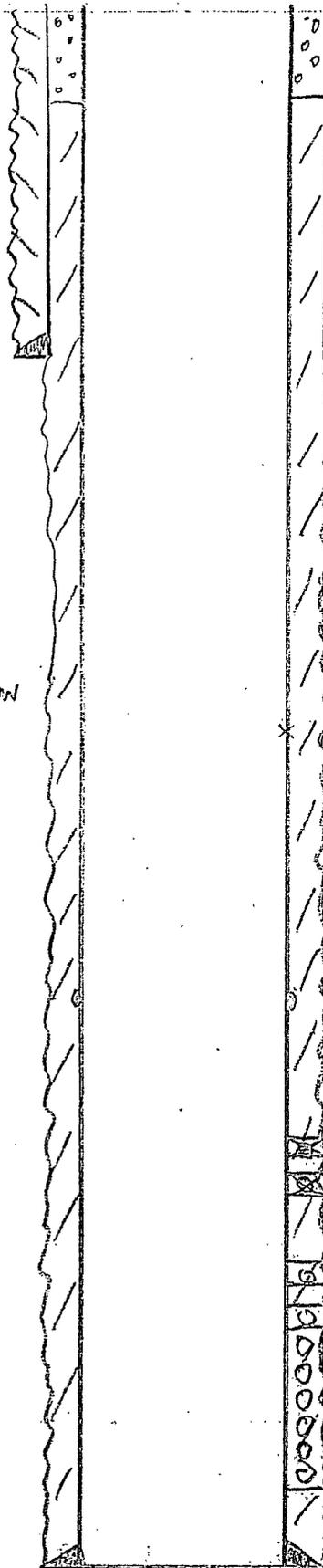
30-025-38600

Pick State # 2 SWD
2310' FSL · 2310' FEL
J-23-186-33c
Lea, NM

Zero: 12' AGL
KB: 3883'
GL: 3871'

SWD-1155
5757-6420'
1151 psi MAX

12 1/4"



8 5/8" / 24' J55 / STC @ 1566' 550sx HLC + 250sx "C" (cure)

TOS 1700'

2 7/8" / 6.5' J55 / EVE Duoline 20 Inj Tg
Inj PKr @ 5711'

Wtr Flow
2461'

Assume Egg LK @ 2500'

BEFORE

BOS 2908'

7 7/8"

DV 4070'

5304-08' (10) Delaware Sqzd

5344-48' (10) Delaware Sqzd

5757-97' (20)

5898-5908' (22)

5909'

Delaware

(167)

6420'

5 1/2" / 17' J55 / LTC @ 6503'

6503'

Comments:
Wtr Flow 2461' when d/d
TOS 1700'
BOS 2908'
Yates 3074'
Qn 42.77'
Perrox 4718'
Del. Gd 5297'

1st: 360sx Super H (cure)
2nd: 600sx HLC + 175sx Super H (cure)
+ 375x "C" down annulus

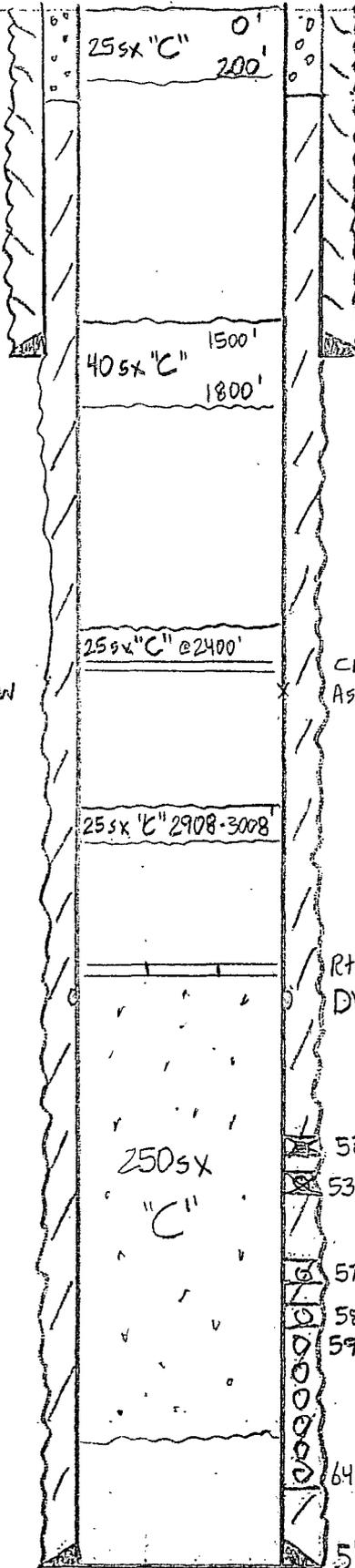
30-025-38600

Pick State # 2 SWD
2310' PSL - 2310' FEL
J-23-186-33e
Lea, NM

Zero: 12' AGL
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SWD-1155
5757-6420'
1151 psi MAX

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8 5/8" / 24 / J55 / STC @ 1566'
TOS 1700'

550sx HLC + 250sx "C" (circ)

CIBP ± 2400'
Assume Csg LK ± 2500'

BOS 2908'

Rtnr ± 4000'
DV 4070'

5304-08' (10) Delaware Sqzd
5344-48' (10) Delaware Sqzd

5757-97' (20)
5898-5908' (22)
5909'
Delaware
(167)

5 1/2" / 17 / J55 / LTC @ 6503'

6503'

Wtr Flow
2461'

7 1/8"

AFTER

Comments:
Wtr Flow 2461' when d/d
TOS 1700'
BOS 2908'
Yates 3074'
Qn 4277'
Penros 4718'
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1st: 360sx Super H (circ)
2nd: 600sx HLC + 175sx Super H (circ)
+ 37sx "C" down annulus

CONDITIONS OF APPROVAL

1. RIH W/ 5 $\frac{1}{2}$ " PACKER TO 5400'. SQZ PERFS 5757'-6420' W/ 100 SXS CMT. DISPLACE TO 5600' +/-'. WOC AND TAG. TAG NO DEEPER THAN 5657'. SET 5 $\frac{1}{2}$ " CIBP @ 5250'. CIRC MLF. SPOT 125 SXS CMT 5250'-4000'. WOC AND TAG.
2. SPOT 25 SXS CMT @ 3008'-2908'. WOC AND TAG.
3. VERIFY DEPTH OF CASING LEAK @ 2500'+/-. SET CIBP WITHIN 100', CAP W/ 25 SXS CMT.

CONTINUE W/STEPS # 5,6 C-103 PAGE 1.

Step #7. INSTALL MARKER PLATE 4' BELOW GRADE. LESSER PRAIRIE CHICKEN AREA.

M. Brown
Dist. Supervisor DCD.
5/19/2014