

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. 30-025-38600
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <u>SWD</u> HOBBS OCD		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 2208 W. Main Street, Artesia, NM 88210		7. Lease Name or Unit Agreement Name Pick SWD
4. Well Location Unit Letter <u>J</u> : <u>2310</u> feet from the <u>South</u> line and <u>2310</u> feet from the <u>East</u> line Section <u>23</u> Township <u>18S</u> Range <u>33E</u> NMPM <u>Lea</u> County		8. Well Number 2
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3871'		9. OGRID Number 229137
10. Pool name or Wildcat SWD; Delaware		

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 checked="" 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"/> OTHER: <input 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.

Propose to plug & abandon as follows:

- See Attached Conditions of Approval**
- 1) RIH w/cmt rttr on tbg to approx. 4000' & pump 250 sx Class C neat to place cmt from rttr @ 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 rttr @ 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 rttr @ 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" (cave)

TOS 1700'

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

Wtr Flow
2461'

* // Assume Egg LK ±2500'

BOS 2908'

BEFORE

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 4277'

Penrox 4718'

Del. Gd 5297'

1st: 360sx Super H (cave)

2nd: 600sx HLC + 175sx Super H (cave)

+ 375sx "C" down annulus

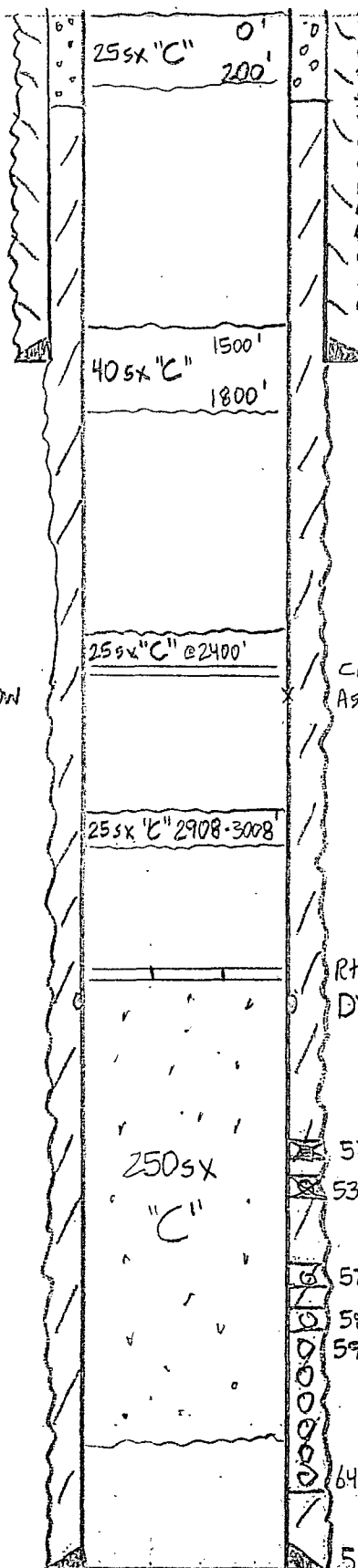
30-425-38600

Pick State #2 SWD
2310' PSL - 2310' FEL
J-23-186-33e
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' (circ)

TOS 1700'

CIBP ± 2400'
Assume Csg LK ± 2500'

BOS 2908'

Rtnr ± 4000'
DV 4070'

5304-08' (10) Delaware Sqrd

5344-48' (10) Delaware Sqrd

5757-97' (20)

5898-5908' (22)

5909'

Delaware

(167)

6420'

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

6503'

Wtr Flow
2461'

7 7/8"

AFTER

Comments:

Wtr Flow 2461' when dild

TOS 1700'

BOS 2908'

Yates 3074'

Qn 4277'

Penros 4718'

Del. Gd 5297'

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.

W. Shaw
Dist. Supervisor DCD.
5/19/2014