

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 August 1, 2011

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

WELL API NO.
30-015-30744

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
V-220

7. Lease Name or Unit Agreement Name

Moncrief St. ✓

8. Well Number 2 ✓

9. OGRID Number
229137 ✓

10. Pool name or Wildcat
Red Lake Qn Grbg SA

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

2. Name of Operator
COG Operating LLC

3. Address of Operator
550 West Texas Suite 100, Midland TX 79701

4. Well Location

Unit Letter L : 2310 feet from the South line and 531 feet from the West line
Section 23 Township 17S Range 28E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3593' GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Deepen



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.

Moncrief State #2 Deepening

Deepening Procedure

1. MIRU rig.
2. Sqz Yeso w/ +/- 300 sx of Class C neat. Drill out squeeze.
3. PU 4-3/4" bit and drill 4-3/4" hole from 4025' to 5400'.
4. POOH w/ bit and drillstring.
5. RIH w/ logs and log from TD to 3900'.

****SEE ATTACHEMENTS****

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 Netha Aaron TITLE Regulatory Analyst DATE 9/6/11

Type or print name Netha Aaron E-mail address: oaaron@concho.com PHONE: 432-818-2319

For State Use Only
DENIED

APPROVED BY David May TITLE Field Supervisor DATE 9-13-11

Conditions of Approval (if any):

Not permitted for the proposed zone. Submit C-101 to deepen, C-102



Moncrief State #2 Deepening

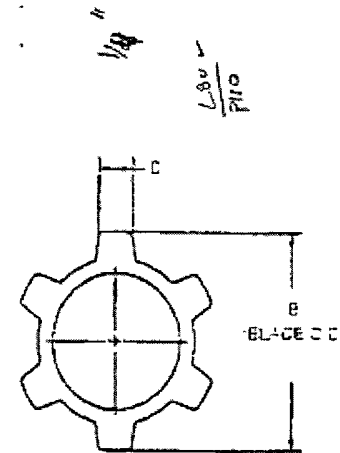
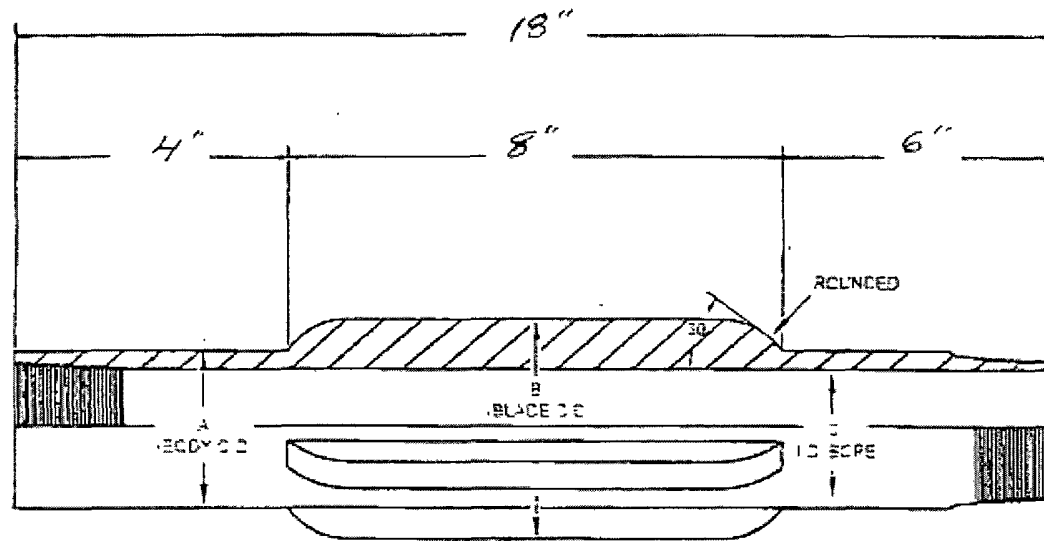
Deepening Procedure

1. MIRU rig.
2. Sqz Yeso w/ +/- 300 sx of Class C neat. Drill out squeeze.
3. PU 4-3/4" bit and drill 4-3/4" hole from 4025' to 5400'.
4. POOH w/ bit and drillstring.
5. RIH w/ logs and log from TD to 3900'.
6. RIH w/ 4", 11.3# casing. See section 11 for general centralizer program.
7. Cement casing from TD to 3812' w/ 115 sxs Class C cmt. Drop plug and open DV tool. Circ cmt off DV tool. Drop plug to close DV tool.
8. PU workstring and RIH and drill out DV tool. POOH and LD workstring.
9. RDMO rig.

Completion Procedure


1. MIRU rig.
2. RIH/ w/ perforating guns and perforate Yeso from 4900 – 5100 w/ 2 spf, 30 holes.
3. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 179,800 # of sand. Set plug at 4850'.
4. RIH w/ perforating guns and perforate Yeso from 4600' – 4800'.
5. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 179,800 # of sand. Set plug at 4550'.
6. RIH w/ perforating guns and perforate Yeso from 4300' – 4500'.
7. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 179,800 # of sand.
8. RIH and drill out plug at 4550', and 4850'.
9. RIH and cut or back off 4" casing at 3812'. POOH w/ 4" casing. Leave 4" liner from 3812' to 5400' (TD).
10. RIH w/ tbg and locate end of tbg at 3750'.
11. RIH w/ rods and pump.
12. RDMO rig.

Centralizer Diagram



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 OD OD OD

SIZE	A	B	C	D	E	F	G	DRIFT
4" x 4 3/4 11.6"	4.050	4.750	3.347"	2 1/4"				3.303"

 RAY OIL TOOL CO STAND OFF	
CENTRALIZED INTERCASING	
CLIENT	Concho Res
WELL NAME & NO	
CASING	4" P145 11.6"
MATERIAL	4 3/4 x 3/4 x 18" Q105
DRAWN BY	10