

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. 30-015-25118
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. V-176
7. Lease Name or Unit Agreement Name M.C. State <input checked="" type="checkbox"/>
8. Well Number 1 <input checked="" type="checkbox"/>
9. OGRID Number 229137 <input checked="" type="checkbox"/>
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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator COG Operating LLC <input checked="" type="checkbox"/>	
3. Address of Operator 550 West Texas Suite 100, Midland TX 79701	
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>17S</u> Range <u>28E</u> NMPM <u>Eddy</u> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

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.

M.C. State #1 Deepening

Deepening Procedure

1. MIRU rig.
2. Sqz Grayburg/San Andres w/ +/- 300 sx of Class C neat. Drill out squeeze.
3. PU 4-3/4" bit and drill 4-3/4" hole from 3525' to 5400'.
4. POOH w/ bit and drillstring.
5. RIH w/ logs and log from TD to 3400'.

****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 Gray 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



MC State #1 Deepening

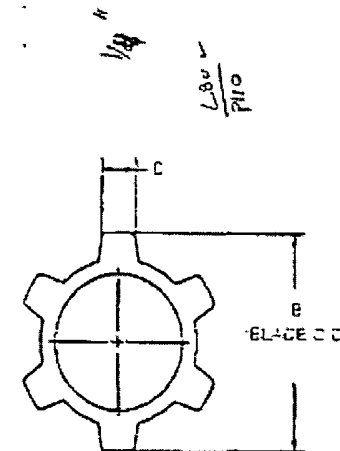
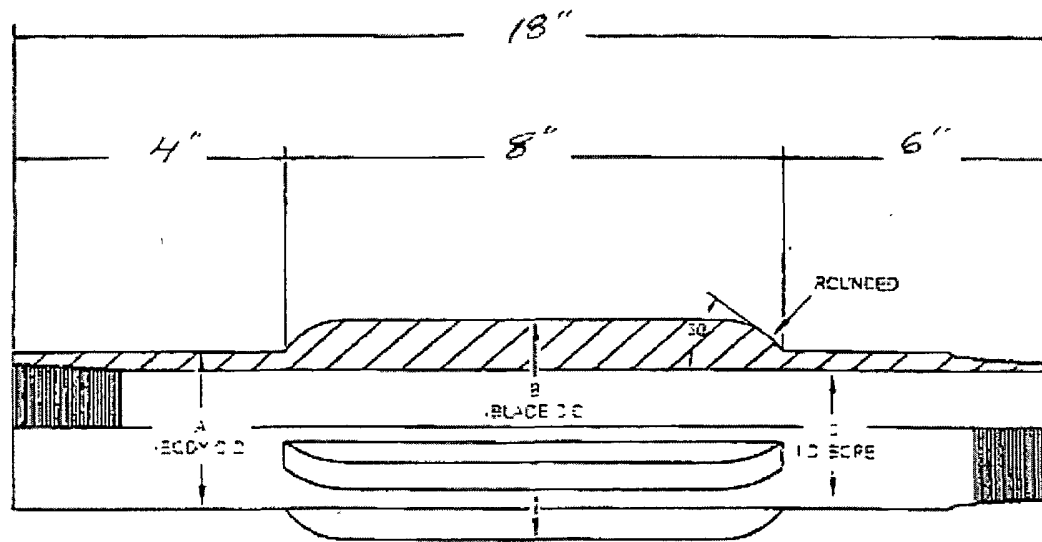
Deepening Procedure

1. MIRU rig.
2. Sqz Grayburg/San Andres w/ +/- 300 sx of Class C neat. Drill out squeeze.
3. PU 4-3/4" bit and drill 4-3/4" hole from 3525' to 5400'.
4. POOH w/ bit and drillstring.
5. RIH w/ logs and log from TD to 3400'.
6. RIH w/ 4", 11.3# casing. See section 11 for general centralizer program.
7. Cement casing from TD to 3306' w/ 125 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. Set plug at 4200'.
8. RIH w/ perforating guns and perforate Yeso from 3800' – 4100'.
9. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 129,600 # of sand.
10. RIH and drill out plug at 4200', 4550', and 4850'.
11. RIH and cut or back off 4" casing at 3306'. POOH w/ 4" casing. Leave 4" liner from 3306' to 5400' (TD).
12. RIH w/ tbg and locate end of tbg at 3250'.
13. RIH w/ rods and pump.
14. RDMO rig.

Centralizer Diagram



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

 RAY OIL TOOL CO	
CENTRALIZED INTERCASING	
CLIENT	Concho Res
WELL NAME & NO	
CASING	4" P145 11.6"
MATERIAL	4 3/4 x 3/4 x 18" Q125
DESIGNED BY	