

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. 30-015-25466
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 GJ West Coop Unit
8. Well Number 73
9. OGRID Number 229137
10. Pool name or Wildcat 97558 GJ;7RVS-QN-GB-Glorieta-Yeso

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
600 W. Illinois Ave., Midland, TX 79701

4. Well Location
Unit Letter O : 131 feet from the South line and 2029 feet from the East line
Section 21 Township 17S Range 29E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3570 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

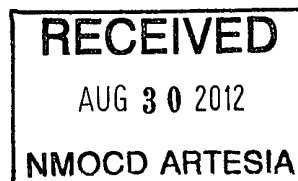


OTHER:



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.

See Attachment for Deepening and Completion procedures.



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. C.

TITLE Lead Regulatory Analyst

DATE 08/29/12

Type or print name Kanicia Castillo

E-mail address: kcastillo@concho.com

PHONE: 432-685-4332

For State Use Only

APPROVED BY:

J. C. Shepard

TITLE

Geologist

DATE

8/31/2012

Conditions of Approval (if any):

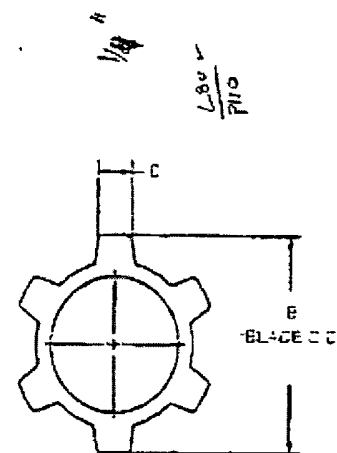
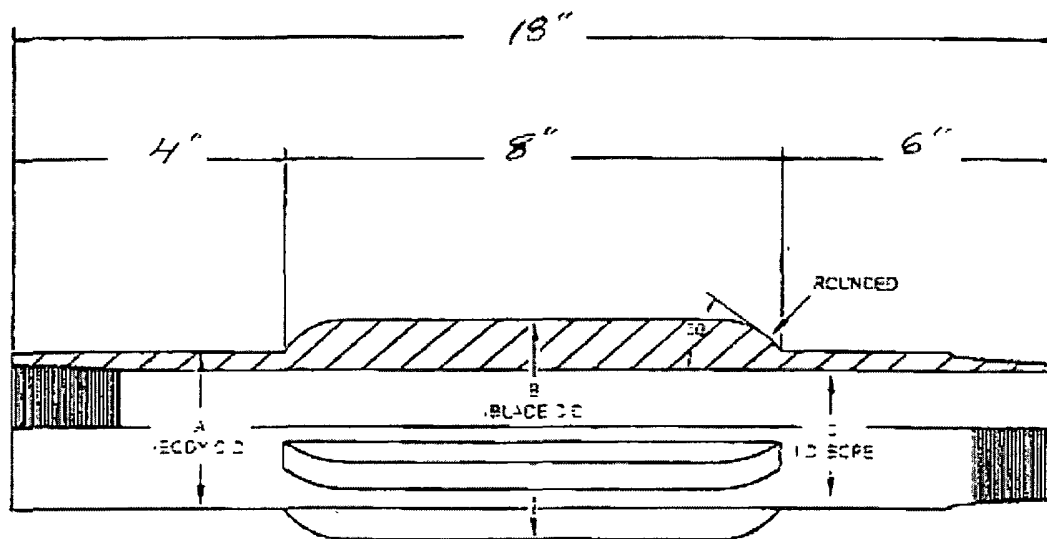
COG Operating, LLC
GJ West Coop Unit #73
API# 30-015-25466
O-21-17S-29E
131' FSL & 2029' FEL
Eddy Co, NM

Deepening Procedure

1. MIRU rig.
2. LD production equipment
3. Sqz upper Yeso w/ +/-400sx of Class C neat.
4. Sqz GB/SA perms w/ 200 sxs of Class C neat
5. Drill out squeeze. Test squeeze to 500 psi for 20 minutes using chart recorder.
6. PU 4-3/4" bit and drill 4-3/4" from 4419' to 5650'.
7. POOH w/ bit and drillstring.
8. RIH w/ logs and log from TD to 4400'.
9. RIH w/ 4", 11.3# casing. See next attachment for general centralizer program.
10. Cement casing from TD to 4360' w/ 115 sxs Class C cmt. Drop plug and open DV tool. Circ cmt off DV tool. Drop plug to close DV tool.
11. PU workstring and RIH and drill out DV tool. POOH and LD workstring.
12. RDMO rig.


Completion Procedure

1. MIRU rig.
2. RIH/ w/ perforating guns and perforate Yeso from 5150 – 5350 w/ 1 spf, 28 holes.
3. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 179,800 # of sand. Set plug at 5100'.
4. RIH w/ perforating guns and perforate Yeso from 4850' – 5050'.
5. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 179,800 # of sand. Set plug at 4800'.
6. RIH w/ perforating guns and perforate Yeso from 4550' – 4750'.
7. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 179,800 # of sand.
8. RIH and drill out plug at 4800' and 5100'.
9. RIH and cut or back off 4" casing at 4360'. POOH w/ 4" casing. Leave 4" liner from 4360' to 5650' (TD).
10. RIH w/ tbgs and locate end of tbgs at 4300'.
11. RIH w/ rods and pump.
12. RDMO rig.



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

 RAY OIL TOOL CO STAND OFF	
CENTRALIZED INTERCASING	
CLIENT	CONCHO RES
WELL NAME & NO	
CASING	4" RIYS 11.6"
MATERIAL	4 3/4 x 3 1/4 x 18" Q135
MANUFACTURED BY	12