

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. 30-015-33692
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 Mesquite State
8. Well Number 13
9. OGRID Number 229137
10. Pool name or Wildcat Empire; 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  
One Concho Center, 600 W. Illinois Avenue, Midland, TX 79701

4. Well Location  
Unit Letter K : 1700 feet from the South line and 1650 feet from the West line  
Section 20 Township 17S Range 29E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3630 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

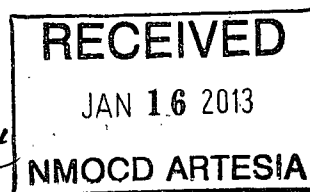


OTHER:



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.



*File C-105 for Glor. Yeso subsequent to workover*

Spud Date:

Rig Release Date:

*Revise DHC allocations if applicable*

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

SIGNATURE

*B. Maiorino*

TITLE Regulatory Analyst

DATE 1/15/13

Type or print name Brian Maiorino

E-mail address: bmaiorino@concho.com

PHONE: 432-221-0467

For State Use Only

APPROVED BY:

*J. C. Shepard*

TITLE

*Geologist*

DATE

*1/18/2013*

Conditions of Approval (if any):

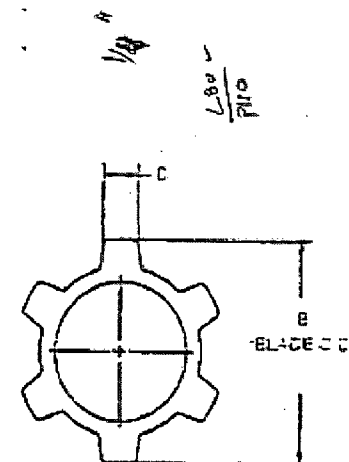
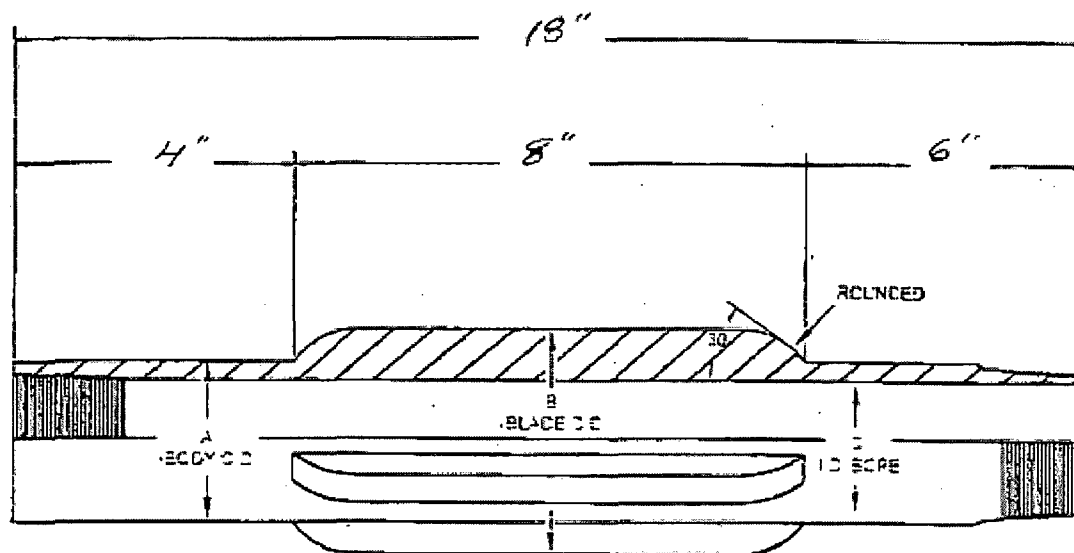
Mesquite State #13  
30-015-33692

#### Deepening Procedure

1. MIRU rig.
2. LD production equipment.
3. Sqz upper Yeso w/ +/-400sx of Class C neat.
4. Drill out squeeze. Test squeeze to 500 psi for 20 minutes using chart recorder.
5. PU 4-3/4" bit and drill 4-3/4" from 4280' to 5500'.
6. POOH w/ bit and drillstring.
7. RIH w/ logs and log from TD to 3700'.
8. RIH w/ 4", 11.3# casing. See next attachment for general centralizer program.
9. Cement casing from TD to 3780' w/ 150 sxs Class C cmt. Drop plug and open DV tool. Circ cmt off DV tool. Drop plug to close DV tool.
10. PU workstring and RIH and drill out DV tool. POOH and LD workstring.
11. RDMO rig.


#### Completion Procedure

1. MIRU rig.
2. RIH/ w/ perforating guns and perforate Yeso from 5106'-5306' w/ 1 spf, 28 holes.
3. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 179,800 # of sand. Set plug at 5050'.
4. RIH w/ perforating guns and perforate Yeso from 4763'-4963'.
5. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 179,800 # of sand. Set plug at 4700'.
6. RIH w/ perforating guns and perforate Yeso from 4336'-4536'.
7. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 179,800 # of sand. Set plug at 4280'.
8. RIH w/ perforating guns and perforate Yeso from 3859'-4203'.
9. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 179,800 # of sand.
10. RIH and drill out plugs at 4280', 4700', and 5050'.
11. RIH and cut or back off 4" casing at 3780'. POOH w/ 4" casing. Leave 4" liner from 3780' to 5500' (TD).
12. RIH w/ tbg and locate end of tbg at 3770'.
13. RIH w/ rods and pump.
14. RDMO rig.



$\pm 0.000$   $\pm 0.000$   $\pm 0.000$

SIZE	A	B	C	D	E	F	G	DRIFT
4" 11.6"	4.050	4.750	3.347"	3/4"				3-303"

 RAY OIL TOOL CO. <small>STANDARD OFF. 3</small>	
1 CENTRALIZED INTERCASING	
CLIENT	Concho Res
WELL NAME & NO.	
CASING	4" 11.6"
MATERIAL	4 3/4 x 3 1/4 x 18" Q105
DRAWING NO.	10