

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. 30-015-31619
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 Continental A State
8. Well Number 8
9. OGRID Number 229137
10. Pool name or Wildcat 96210 Empire; Yes <u>GL-Yeso</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3648 GR

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	
2. Name of Operator COG Operating, LLC	
3. Address of Operator 600 W. Illinois Ave., Midland, TX 79701	
4. Well Location Unit Letter <u>F</u> : <u>2110</u> feet from the <u>North</u> line and <u>1449</u> feet from the <u>West</u> line Section <u>30</u> Township <u>17S</u> Range <u>29E</u> NMPM County <u>Eddy</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3648 GR	

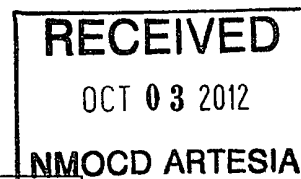
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: Deepen <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

COG Operating LLC respectfully request to deepen the Continental A State 8 in the Yeso.

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 B. Maiorino TITLE Regulatory Analyst DATE 10/02/12

Type or print name Brian Maiorino E-mail address: bmaiorino@concho.com PHONE: 432-685-4332

For State Use Only

APPROVED BY: I. C. Shepard TITLE Geologist DATE 10/3/2012

Conditions of Approval (if any):

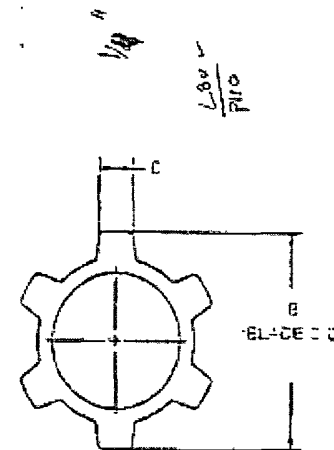
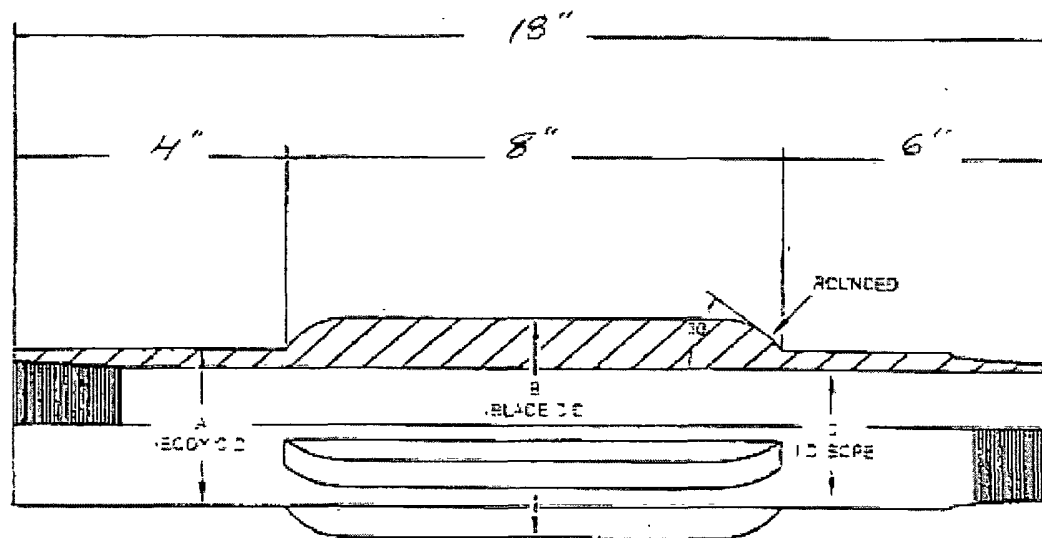
Continental A State #8
30-015-31619

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 4326' to 5700'.
6. POOH w/ bit and drillstring.
7. RIH w/ logs and log from TD to 4300'.
8. RIH w/ 4", 11.3# casing. See next attachment for general centralizer program.
9. Cement casing from TD to 4251' w/ 115 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 5050 – 5300 w/ 1 spf, 28 holes.
3. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 179,800 # of sand. Set plug at 5000'.
4. RIH w/ perforating guns and perforate Yeso from 4750' – 4950'.
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 4450' – 4650'.
7. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 179,800 # of sand.
8. RIH and drill out plug at 4700' and 5000'.
9. RIH and cut or back off 4" casing at 4251'. POOH w/ 4" casing. Leave 4" liner from 4251' to 5700' (TD).
10. RIH w/ tbg and locate end of tbg at 4200'.
11. RIH w/ rods and pump.
12. RDMO rig.



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0.000

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.	
1 CENTRALIZED INTERCASING	
CLIENT	CONCHO RES
WELL NAME & NO	
CASING	4" P145 11.6"
MATERIAL	4 3/4 x 3 1/4 x 18" Q105
PRODUCTION UNIT	10