Submit 3 Copies To Appropriate District Office

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
May 27, 2004

WELL API NO.
30-015-32241

Indicate Type of Lease
STATE ☒   FEE ☐

State Oil & Gas Lease No.

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

7. Lease Name or Unit Agreement Name

State S-19

8. Well Number
8

2. Name of Operator
COG Operating LLC

9. OGRID Number
229137

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

10. Pool name or Wildcat
Empire; Glorieta, Yeso 9610

Well Location

Unit Letter __N__ : __950__ feet from the __South__ line and __1895__ feet from the __West__ line

Section __19__ Township __17S__ Range __29E__ NMPM   County __Eddy__

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3675 RKB

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type_____ Depth to Groundwater_____ Distance from nearest fresh water well_____ Distance from nearest surface water_____

Pit Liner Thickness: _____ mil   Below-Grade Tank: Volume _____ bbls; Construction Material _____

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

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐		REMEDIAL WORK ☐	ALTERING CASING ☐	
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐		COMMENCE DRILLING OPNS. ☐	P AND A ☐	
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐		CASING/CEMENT JOB ☐		
DOWNHOLE COMMINGLE ☐					
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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attached procedure

RECEIVED
APR 12 2011
NMOCD ARTESIA

SIGNATURE _Netha Aaron_   TITLE __Regulatory Analyst__   DATE __4/11/11__

Type or print name __Netha Aaron__   E-mail address: __oaaron@conchoresources.com__   PHONE: __432-818-2319__

For State Use Only

APPROVED BY: _David Gray_   TITLE __Field Supervisor__   DATE __4-19-11__

Conditions of Approval (if any):

COG Operating, LLC
State S 19 #8
API# 30-015-32241
N-19-17S-29E
950 FSL & 1895 FWL
Eddy Co, NM

Deepening Procedure

1. MIRU rig.
2. Sqz upper Yeso w/ +/- 400 sx of Class C neat. Drill out squeeze.
3. PU 4-3/4" bit and drill 4-3/4" hole from 4341' to 5500'.
4. POOH w/ bit and drillstring.
5. RIH w/ logs and log from TD to 3600'.
6. RIH w/ 4", 11.3# casing. See section 11 for general centralizer program.
7. Cement casing from TD to 4191' w/ 120 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 5100 – 5300 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 4800' – 5000'.
5. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 179,800 # of sand. Set plug at 4750'.
6. RIH w/ perforating guns and perforate Yeso from 4500' – 4700'.
7. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 179,800 # of sand.
8. RIH and drill out plug at 4750' and 5050'.
9. RIH and cut or back off 4" casing at 4191'. POOH w/ 4" casing. Leave 4" liner from 4191' to 5500' (TD).
10. RIH w/ tbg and locate end of tbg at 4140'.
11. RIH w/ rods and pump.
12. RDMO rig.

Centralizer Diagram

SIZE	A	B	C	D	E	F	G	DRIFT
4"x4¾x¾ 11.6#	4.050	4.750	3.340"	¾"				3.303"

Tolerances:
$+.010$ $-.003$ $+.000$ $-.010$ $+.000$ $-.010$

CLIENT	Concho Res	
WELL NAME & NO.		
CASING	4" P-45 11.6#	
MATERIAL	4¾" x ¾" x 8" 41-45	

RAY OIL TOOL CO.

STAMP CTR 5

CENTRALIZED
INTERCASING

4"
8"
18"
6"
¼"

BLADE I.D.
BLADE O.D.
FLANGED