

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

Form C-103
 May 27, 2004

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

WELL API NO. 30-015-31279
Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
State Oil & Gas Lease No.

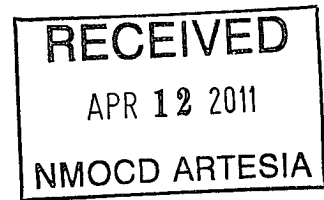
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		7. Lease Name or Unit Agreement Name State S-19
2. Name of Operator COG Operating LLC	8. Well Number 16	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 <u>J</u> : <u>2310</u> feet from the <u>South</u> line and <u>2185</u> feet from the <u>East</u> line Section <u>19</u> Township <u>17S</u> Range <u>29E</u> NMPM County <u>Eddy</u>		
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3692 RKB		
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		
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 _____		

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

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

See Attached procedure



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 #16
API# 30-015-31279
J-19-17S-29E
2310 FSL & 2185 FEL
Eddy Co, NM

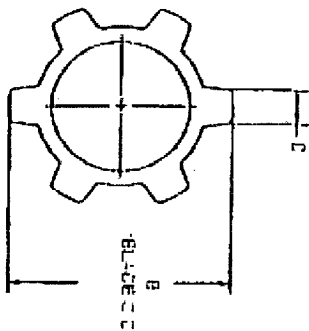
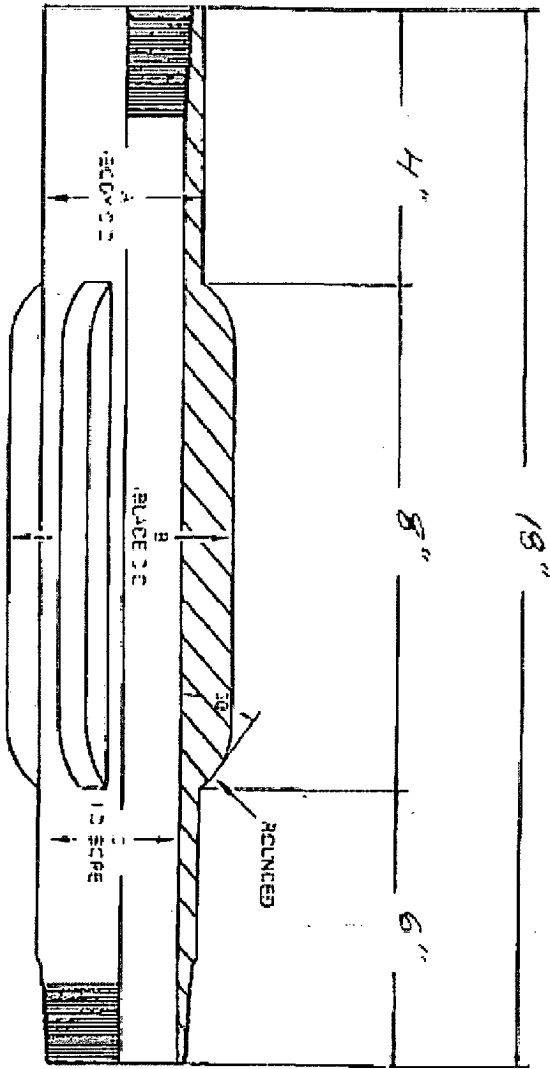
Deepening Procedure

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 4460' 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 4260' 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 4260'. POOH w/ 4" casing. Leave 4" liner from 4260' to 5500' (TD).
10. RIH w/ tbg and locate end of tbg at 4210'.
11. RIH w/ rods and pump.
12. RDMO rig.


Centralizer Diagram



1.80
1.10

TOO LONG

SIZE	A	B	C	D	E	F	G	DRIFT
4" 1/4 3/4 11/8"	4.050	4.750	3.347"	3 1/4"				3-303"

 <p>RAY OIL TOOL CO.</p>	
CLIENT	Centralizer
WELL NAME & NO	
CASING	4" 2 1/4 11/8"
MATERIAL	4 3/4 x 3 1/4 x 8" 4135

INCHES ON 1"

45