

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. 30-019-20133
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name CB
8. Well Number 1
9. OGRID Number 236148
10. Pool name or Wildcat Wildcat

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
Cuervo Exploration, LLC

3. Address of Operator
PO Box 97508 Wichita Falls, TX 76307

4. Well Location
Unit Letter **F** : **1820** feet from the **north** line and **1650** feet from the **west** line
Section **7** Township **10N** Range **24E** NMPM County **Guadalupe**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4612 GL 4629KB

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 _____

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: **Completion** ☒

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.

4/06/06 Perforate 7758'-7762', 7747'-7752', 7722'-7727', 7715'-7718', 7684'-7688', 7658'-7688'. Swab down w/no entry

4/10/06 Acidize w/2000 gals 7½% NEFE w/20% Methanol

4/11/06 Swab & flow back. Collect gas sample. Analysis attached.

5/12/06 SITP - 1590 psi. Frac w/28000 gals wtr & 54000 gals foam; w/25380 lbs sand

5/13-5/22 Flow back frac. Rec saltwater & gas

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE *Ed Martin* TITLE PE DATE 10/16/06

Type or print name
For State Use Only

E-mail address:

Telephone No.

APPROVED BY: *Ed Martin* TITLE DISTRICT SUPERVISOR DATE 2/9/09
Conditions of Approval (if any):



808-797-4325 " P.O. BOX 64489 " LUBBOCK, TX 79464-4489
808-889-6821 " P.O. BOX 2438 " PAMPA, TX 79066-2438

GAS/VAPOR FRACTIONAL ANALYSIS

SAMPLE ID	COMPONENT	MOL %	GPM
Customer..... Allen Wireline Services	Nitrogen N2	3.843	0.420
	Carbon D. CO2	7.608	1.293
Well No..... CB #1	Hyd.Suif. H2S	-----	-----
Operator..... Cuervo Exploration	Oxygen O2	-----	-----
Lease..... N/A	Helium He	0.116	0.012
Sample Of..... N/A	Hydrogen H2	-----	-----
	Argon Ar	-----	-----
Pressure..... 720 psig @ 150F	Methane C1	81.712	13.810
Temperature... N/A	Ethane C2	4.783	1.276
Atm. Temp..... N/A	Propane C3	0.909	0.250
Sample Date... N/A	i-Butane iC4	0.263	0.086
Sample Time... N/A	n-Butane nC4	0.174	0.055
Sampled By.... AWS/Steve Murphy	i-Pentane iC5	0.134	0.049
Analysis Date. 04/20/06	n-Pentane nC5	0.056	0.020
Sample Cyl.No. PL2336	Hexanes+ C6+	0.402	0.172
	Totals:	100.000	17.443

CALCULATIONS/METHODS

Real Gas, 14.65 psia & 60 F
Applicable current GPA methods,
procedures, and constants are used.

DISTRIBUTION

Allen Wireline Services
1-Steve Murphy; Abilene, TX
1-FAX: 325-672-5542, Steve Murphy

GASOLINE CONTENT (GPM)

Ethane & Heavier	1.908
Propane & Heavier	0.632
Butanes & Heavier	0.382
Pentanes & Heavier	0.241
26# Gasoline	0.348

HEATING VALUE (Gross Btu/Cf)

Water Vapor Saturated ..	959.3
Dry.....	975.1

SPECIFIC GRAVITY

Water Vapor Saturated ..	0.6964
Dry.....	0.6974

COMPRESSIBILITY FACTOR (Z)

Water Vapor Saturated ..	0.99707
Dry.....	0.99742

REMARKS/COMMENTS/OTHER