

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO.

30-045-24341

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. 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.)

7. Lease Name or Unit Agreement Name

Hartman

1. Type of Well:

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

2. Name of Operator  
Conoco, Inc.

8. Well No.

1E

3. Address of Operator

10 Desta Dr. Ste 100W, Midland, TX 79705

9. Pool name or Wildcat

Otera Chacra

4. Well Location

F

1850

North

Line and

1990'

Feet From The

West

Line

Unit Letter

Feet From The

Section

31

Township

29N

Range

11W

NMPM

San Juan County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

5396'

11.

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 ☐

OTHER: ☐

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. 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.

It is proposed to plug and abandon this well according to the attached procedure and wellbore schematics.

**RECEIVED**  
MAR 11 1994  
**CON. DIV.**  
**DIST. 3**

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

SIGNATURE

Jerry W. Hoover

Sr. Conservation Coordinator

TITLE

(915) 686-6548

DATE 3/7/94

TELEPHONE NO.

TYPE OR PRINT NAME

(This space for State Use)

APPROVED BY Original Signed by CHARLES GHOLSON

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE

MAR 11 1994

CONDITIONS OF APPROVAL, IF ANY:

**Hartman #1E (Chacra)**  
NW, Sec. 31, T29N, R11W  
San Juan County, New Mexico

**PLUG AND ABANDONMENT PROCEDURE:**

\* Formation tops above the Chacra are estimated from an offset log.

1. MOL and RUSU. Comply to all NMOCD, BLM and Conoco Safety rules and regulations.
2. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. POH and tally 2-3/8" tubing, inspect; if necessary LD and PU 2" tubing work string. Round trip a 4-1/2" gauge ring to 2500'.
4. PU 4-1/2" cement retainer and RIH; set at 2500'; pressure test tubing to 1000#; pump into Chacra perfs.
5. Plug #1 under CR at 2500' from 2549' to 2300' with 35 sxs Class B cement (100% excess), squeeze 20 sxs below retainer then spot 15 sxs on top. POH above cement and circulate hole clean with water. Pressure test casing to 500#; POH with setting tool.
6. Perforate 4 holes at 1513' (50' below PC top). Establish rate into holes if casing pressure test was OK. Then PU 4-1/2" cement retainer and RIH; set at 1400'; establish rate into holes.
7. Plug #2 under CR at 1400' from 1513' to 1243' with 128 sxs Class B cement, squeeze 104 sxs below retainer (100% excess), then spot 24 sxs on top. POH and LD tubing.
8. Perforate 2 holes at 453'. Establish circulation out bradenhead. Plug #3 from 453' to surface with approximately 140 sxs Class B cement, circulate good cement to surface out 8-5/8" and 4-1/2" bradenhead. Shut in well and WOC.
9. ND BOP and cut off wellhead below ground level and install dry hole marker with cement. RD and move off location. Restore location.

# EXISTING WELL

21 JAN 94

CONOCO INC  
HARTMAN #1E  
NW, Sec. 31, T29N, R11W  
San Juan County, NM

GA - 2100' -  
Kt @ 375' -  
8-5/8" @ 403'

FT @ 1293' -  
PC @ 1463' -

## 1981 PRIMARY CEMENTING

LOST CIRCULATION DURING LAST  
100 GXS AND DISPLACEMENT;  
CBL CEMENT TOP NOT REPORTED.  
CEMENT VOLUME PUMPED 2322 CF,  
GAUGE ANNULUS VOLUME 970 CF.

TOC - ?

2" EUE Tubing Set @ 2551'

Ch @ 2398'

CHARA PERFS 2541' TO 2549'  
COMPLETED ('81)

## 1985 WORKOVER

BRIDGE PLUG AT 2600'  
CEMENT PLUG 3020' - 2870'  
CEMENT PLUG 4200' - 4060'

MV @ 2966'

MV PERFS 3887' TO 4120'  
TESTED THEN SQZD W/100SXS ('81)

DV Tool @ 4255'

GI @ 5052'

TOC - 5720'  
(CBL)

50' CEMENT PLUG ('85)  
BRIDGE PLUG AT 5900'

Dk @ 5972'

Dk PERFS 5901' TO 5989'

FISH LEFT IN WELL ('84)

4-1/2" 11.6# @ 6149'

7-7/8" HOLE

# PLUGGED WELL

21 JAN 94

CONOCO INC  
HARTMAN #1E  
NW, Sec. 31, T29N, R11W  
San Juan County, NM

OA - 280' +

KL @ 375' +

8-5/8" @ 403'

PLUG #3 453' TO SURFACE C<sub>3</sub> Alum  
140 SXS CEMENT

PERFORATE @ 453'

FR @ 1293' +

PC @ 1463' +

CEMENT RETAINER @ 1400' PL  
PLUG #2 1513' - 1243'  
128 SXS CEMENT

PERFORATE @ 1513'

TOC - ?

Ch @ 2398'

CHARA PERFS 2541' TO 2549'  
COMPLETED ('81)

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BRIDGE PLUG AT 2600'  
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