

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

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.
30-025-34403

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.)

Lease Name or Unit Agreement Name
C. T. Bates

Type of Well:
OIL WELL GAS WELL OTHER

Well No.
3

Name of Operator
Doyle Hartman

Pool name or Wildcat
Rhodes (Y-7R) Gas

Address of Operator
P. O. Box 10426, Midland, TX 79702

Well Location
Unit Letter K : 1980 Feet From The South Line and 1980 Feet From The West Line
Section 10 Township 26S Range 37E NMPM Lea County

Elevation (Show whether DF, RKB, RT, GR, etc.)
2987' GL (3004' RKB)

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 ANBANDONMENT
CASING TEST AND CEMENT JOB
OTHER: _____

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.

See detailed report of drilling operations, casing test and cement job on attached page 2

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

SIGNATURE Starla Russell TITLE Production Analyst DATE 06-16-98

TYPE OR PRINT NAME Starla Russell TELEPHONE NO. 915-684-4011

(This space for State Use)

ORIGINAL SIGNED BY
GARY WINK
FIELD REP. II

APPROVED BY _____ TITLE _____ DATE JUL 18 1998

CONDITIONS OF APPROVAL, IF ANY:

3

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June 16, 1998

Doyle Hartman

C. T. Bates No. 3

API No. 30-025-34403

1980' FSL & 1980' FWL (K)

Section 10, T-26-S, R-37-E

Lea County, New Mexico

Rhodes (Y-7R) Gas

Drilled 24" hole to a depth of 84' RKB. Ran 2 jts of 20" O.D., 94 lb/ft, ST&C casing and landed at 84' RKB. Cemented csg with 360 ft³ of extra strength Redi-mix.

On 6-11-98, moved in and rigged up Patterson Rig No. 54. Drilled 17-1/2" hole out from under 20" O.D. casing (for a total of 30') to a depth of 114' RKB. Pulled drill string and performed a low pressure squeeze of 30' open-hole section and outside of 20" O.D. casing with 350 sx of 14.8 lb/gal API Class-C thixotropic cement containing 10% Cal-Seal accelerator and 2% anhydrous CaCl₂ accelerator. ISIP = 58 psi.

WOC until achieving a minimum compressive strength of 500 psi. Drilled 17-1/2" hole into top of Salado formation (below Rustler formation) at a measured total depth of 1322' RKB (Salado map and mud log with formation tops enclosed). Ran 30 jts (1321') of 13-3/8" O.D., 61 lb/ft, J-55, ST&C casing equipped with guide shoe, automatic-fill insert float collar, and (11) - 17-1/2" x 13-3/8" centralizers. Landed bottom of 13-3/8" O.D. casing at 1317' RKB. Cemented 13-3/8" O.D. casing at a rate of 7 BPM with 1995 cu. ft. of cement (200% gauge hole volume) consisting of 800 sx of 13.4 lb/gal API Class-C cement containing 6% gel, 2% anhydrous CaCl₂ accelerator, 0.25 lb/sx flocele, and 5 lb/sx gilsonite followed by 375 sx of API Class-C thixotropic cement containing 10% Cal-Seal accelerator and 2% anhydrous CaCl₂ accelerator. With 25 sx of cement remaining to be pumped, had cement returns to pit. Displaced 194.3 bbls (675 sx) of cement from inside of 13-3/8" O.D. casing. With 50 sx of cement remaining to be displaced, restricted flow from 17-1/2" x 13-3/8" annulus and performed a low pressure squeeze. Plug down at 11:15 p.m., CDT, 6-15-98. WOC 17 hrs (1583 psi compressive strength @ 72°F @ 1250'). Pressure tested casing and BOP to 1200 psi for 30 minutes. Pressure held okay.

All zones above Salado are now cased and cemented off allowing well to be shut in, in the event of a potential 1.0 psi/ft BHP Salado waterflow.