

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. 30-025-08933
Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
State Oil & Gas Lease No. B-1484
Lease Name or Unit Agreement Name State "H"
Well No. 1
Pool name or Wildcat Eunice, South Seven Rivers-Queen

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)	
Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	
Name of Operator Doyle Hartman	
Address of Operator 500 N. Main Street, Midland, Texas 79701	
Well Location Unit Letter <u>A</u> : <u>660</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>East</u> Line Section <u>17</u> Township <u>22-S</u> Range <u>36-E</u> NMPM <u>Lea</u> County	
Elevation (Show whether DF, RKB, RT, GR, etc.) 3584' DF	

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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: ☐

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.

See attached Page 2 for description of completed operations.

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

SIGNATURE Ann O'Brien TITLE Executive Assistant DATE 12-11-98

TYPE OR PRINT NAME Ann O'Brien TELEPHONE NO. 915/684-4011

(This space for State Use)

APPROVED BY Saren Sharp TITLE OIL & NATURAL RESOURCES DATE MAR 15 1999

CONDITIONS OF APPROVAL IF ANY:

IC 77 djs

**NMOCD Form C-103, Dated 12-11-98**

**Doyle Hartman**

**State "H" No. 1 (A-17-22S-36E)**

**Page 2**

Pressure tested 7" O.D. casing 0' - 3559' to a minimum WHP of 1500 psi. Located very slow leak between 2484' and 2966'.

Moved in and rigged up reverse drilling unit. Ran 6-1/8" bit and (6) - 4.75" drill collars. Tagged up on top of CIBP at 3559' (104 jts @ 32.20'/jt + 21.29' of 105th jt + 183.60' BHA + 5' KBC = 3558.69'). Commenced drilling CIBP at 9:04 A.M., 12-9-98. Drilled on CIBP for a total of 13.5 hours before CIBP finally fell free. Pushed CIBP to 3751' RKB. During 13.5-hour drillout period, made one trip to change worn bit. Lost returns 1.5 hours before bit fell free.

Pulled and laid down tubing, drill collars, and bit. Rigged down well service unit. Moved in backhoe. Dug out around 9-5/8" casinghead and 12-1/2" casinghead. Rigged up Halliburton. Squeeze cemented perfs and open-hole (3626' - 3824') and filled 7" O.D. casing with cement by cementing down 7" O.D. casing with a total of 1339 cu ft of cement slurry (486 cu ft into formation). Mixed and pumped cement as follows:

1. 200 sx of HLC cement with 2%  $\text{CaCl}_2$  and 1/4 lb/sx Flocele at 9 BPM.
2. 190 sx of API Class-C cement with 3%  $\text{CaCl}_2$  and 1/4 lb/sx Flocele at 9 BPM.
3. 361 sx of HLC cement with 2%  $\text{CaCl}_2$  at 1 BPM to 9 BPM.

After catching pressure, reduced pump rate from 9 BPM back to 3 BPM and finally to 1 BPM to allow cement to start setting. Final pump rate down 7" casing was 1 BPM at 1365 psi. ISIP = 1345 psi. 5-min SIP = 1306 psi.

Tied pump truck to 9-5/8" x 7" annulus. Pressured 9-5/8" x 7" annulus to 1100 psi. Broke down Rustler formation at 1100 psi. Performed injectivity test down 9-5/8" x 7" annulus at 3 BPM at 900 psi.

Cemented down 9-5/8" x 7" casing annulus and into Rustler formation with 420 cu ft of cement slurry. Mixed and pumped cement as follows:

1. 180 sx of HLC cement with 2%  $\text{CaCl}_2$  and 1/4 lb/sx Flocele at 3.25 BPM at 800 psi.
2. 50 sx of API Class-C cement with 3%  $\text{CaCl}_2$  at 5 BPM at 800 psi.

ISIP = 540 psi. 5-min. SIP = 425 psi.

Cemented down 12-1/2" x 9-5/8" casing annulus with 243 cu ft of cement slurry. Mixed and pumped cement as follows:

1. 90 sx of HLC cement with 2%  $\text{CaCl}_2$  and 1/4 lb/sx Flocele at 4 BPM.
2. 50 sx of API Class-C cement with 3%  $\text{CaCl}_2$  and 1/4 lb/sx Flocele at 2.25 BPM.

Final pump pressure was 800 psi. Maximum pump pressure was 1000 psi. ISIP = 540 psi. 5-min SIP = 490 psi.

Rigged down Halliburton. Well plugged and abandoned as of 12-10-98.

**END OF DOCUMENT**

CWW