

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. 30-045-07730
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Hartman
8. Well No. 2
9. Pool name or Wildcat Fulcher-Kutz PC/Basin FR
10. Elevation (Show whether DF, RKB, RT, GR, etc.)

**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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	2. Name of Operator THOMPSON ENGR. & PROD. CORP. 037581
3. Address of Operator 7415 E. Main Farmington, N.M. 87402 505 327-4892	4. Well Location Unit Letter A : 990 Feet From The North Line and 990 Feet From The East Line Section 31 Township 29N Range 11W NMPM San Juan County, N.M. County
11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	

**NOTICE OF INTENTION TO:**

**SUBSEQUENT REPORT OF:**

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
FULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: SEE BELOW <input checked="" type="checkbox"/>	

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 FOR FRACTURE TREATMENT

**RECEIVED**  
APR 21 1998  
**OIL CON. DIV.**  
DIST. 3

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

SIGNATURE [Signature] TITLE Agent/Engineer DATE 4/20/98

TYPE OR PRINT NAME TELEPHONE NO.

(This space for State Use)

APPROVED BY Original Signed by FELIX T. CHAVEZ TITLE SUPERVISOR DISTRICT #3 DATE APR 21 1998

CONDITIONS OF APPROVAL, IF ANY:

# FRACTURE TREATMENT

Formation FR COAL Stage No. 1 Date 3/23/98

Operator Thompson Engr. & Prod. Corp. Lease and Well Hartman #2

Correlation Log Type GR/CCL From 1485' To 994'

Temporary Bridge Plug Type (Filled open hole w/sand) Set At 1492'-1455'

Perforations 1432'-1452'  
3 Per foot type

Pad 10,000 gallons. Additives 20# Linear gel,  
surfactant, foamer, bacteriacide, PH buffer and  
enzyme breaker

Water 10,206 gallons. Additives 70% Nitrogen foam  
with same additives as pad. 334,000 scf of Nitrogen

Sand 50,900 lbs. Size 20/40

Flush  gallons. Additives   
Included in total volume above.

Breakdown  psig

Ave. Treating Pressure 2500 psig

Max. Treating Pressure 2950 psig

Ave. Injecton Rate 20 BPM

Hydraulic Horsepower  HHP

Instantaneous SIP 943 psig

5 Minute SIP 860 psig

10 Minute SIP 844 psig

15 Minute SIP 836 psig

Ball Drops: None Balls at  gallons  psig  
 Balls at  gallons  psig  
 Balls at  gallons  psig

Remarks:   
 **Walsh** ENGINEERING & PRODUCTION CORP.