

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
El. y, Minerals and Natural Resources Department.

Form C-173  
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

RECEIVED

NOV 8 '90

WELL API NO. N/A
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Neste 6
8. Well No. 3
9. Pool name or Wildcat No. Shugart (Bone Spring)
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3654

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	2. Name of Operator Union Texas Petroleum Corp. Attn: Ken White ✓
3. Address of Operator P. O. Box 2120, Houston, Tx 77252-2120	4. Well Location Unit Letter 0 : 660 Feet From The South Line and 1980 Feet From The East Line Section 6 Township 18S Range 31E NMPM Eddy County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3654	

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: Perf & Acidize ☒

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.

EWO Procedure Attached.

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

SIGNATURE Ken White TITLE Regulatory Permit Coord. DATE 11/2/90  
TYPE OR PRINT NAME Ken White TELEPHONE NO. 713 968-3654

(This space for State Use)

ORIGINAL SIGNED BY  
MIKE WILLIAMS

APPROVED BY SUPERVISOR, DISTRICT II TITLE DATE NOV 16 1990

CONDITIONS OF APPROVAL, IF ANY:

NESTE "6" NO. 3  
North Shugart Field  
Eddy County, New Mexico

**Foam Acidize the Bone Spring "E" Carbonate**

**NOTE:** Well records are not clear regarding exact tubulars in the hole. Get accurate rod count and tubing tally to assure we know what is in the well.

1. One day prior to rigging up, hot oil tubing to clean out paraffin deposits. Pump well to battery overnight.
2. MIRUSU.
3. Release pump, hot oil tubing, and POH with rods and pump.
4. Remove wellhead, release tubing anchor, and install BOP.
5. Tag TD with tubing, then tally out of hole with 2-7/8", 6.5#/ft, J-55, EUE, 8rd production tubing (laying down tubing anchor).
6. GIH with retrievable bridge plug and packer on 2-7/8" production string, Hydrotest tubing to 5000 psi.
7. Set retrievable bridge plug at 7800' and test to 1000 psi. Use 2% KCl to test RBP.
8. Set packer at 7600'.
9. Acidize Bone Spring "E" Carbonate from 7658' to 7718' with 15,000 gallons 15% NEFE HCl \*acid foamed to 65 quality with 2500 SCF/Bbl of N<sub>2</sub> as follows:
  - A. Load backside with 2% KCl and pressure up to 1000 psi.
  - B. Pump 15,000 gallons of \*acid foamed to 65 quality with N<sub>2</sub> at 7 BPM (total rate) at an estimated surface pressure of 4500 psi. **Do Not Exceed 5000 PSI.** Drop 1 ball sealer every 8 barrels (45 balls total).
  - C. Flush with 47 bbl of 2% KCl containing 800 SCF/Bbl.
  - D. SI well for 30 minutes.
10. Flow and/or swab well reporting hourly fluid recoveries, oil cut, choke size, and tubing pressure. Call Midland Office for further orders.
12. Release packer.
13. Release bridge plug and packer and POH. Lay down bridge plug and packer.
14. TIH with SN, tubing anchor, and production tubing. Place SN at ±8275' and tubing anchor at 7600'. Remove BOP, set tubing anchor, and NU wellhead.
21. Pick up 1-1/2" pump, 151 - 3/4" rods, 90 - 7/8" rods, and 86 - 1" rods. Space out. HWO. Load tubing with 25 Bbls 2% KCl. RDMOSU. If required, add additional 1" rods as required to space out.
22. Return well to production.

REP/a:tgk00023/ejw  
10/26/90

\* FLUID SPECIFICATIONS

10,000 Gal 15% NEFE HCl ACID

1	gpt	Corrosion Inhibitor
1	gpt	Non-Ionic Non-Emulsifier
10	gpt	Citric Acid
5	gpt	Foaming Agent
2	gpt	Friction Reducer

Flush

167	ppt	KCl
800	SCF/Bbl	Nitrogen
1	gpt	Friction Reducer