

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Encl. 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.

30 015 28906

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

K-5017

7. Lease Name or Unit Agreement Name

TODD "2" STATE

8. Well No.

3

9. Pool name or Wildcat

INGLE WELLS (DELAWARE)

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 ☒

GAS
WELL ☐

OTHER

FEB 10 1997

2. Name of Operator

SONAT EXPLORATION COMPANY

3. Address of Operator

110 W. LOUISIANA, SUITE 500, MIDLAND, TEXAS 79701

4. Well Location

Unit Letter P : 660 Feet From The SOUTH Line and 660 Feet From The EAST Line

Section 2

Township 24 S

Range 31 E

NMPM

Eddy

County

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

3,501' GL

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: Add Delaware Perfs ☒

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 ATTACHMENT

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

SIGNATURE

K. Glenn Carter

TITLE

DRLG. SUPERINTENDENT

DATE

2/3/97

TYPE OR PRINT NAME Glenn Carter

(915) 684-0405
TELEPHONE NO

(This space for State Use)

**ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR**

APPROVED BY

TITLE

DATE

FEB 11 1997

CONDITIONS OF APPROVAL IF ANY

Todd "2" State No. 3 Mesa Verde (Brushy Canyon) Recompletion Procedure

MIRU pulling unit. Tag bottom with tubing to check for fill. Load hole with produced water. TOH with tubing. TIH with RBP on tubing. Set RBP at $\pm 8,000'$. Test RBP and casing to 3,000 psi with produced water. Dump 20' sand on RBP. Circulate hole with 2% KCL water TOH with tubing.

Perforate the Mesa Verde as follows: 7,346'-60' (14', 29 holes, 2 JSPF) with 4" guns. Use a packoff for pressure control. TIH with SN, and 2-7/8" tubing to 7,240'. Rig down pulling unit.

Install pop-off valve on tubing head gate valve; test valve. Load annulus with 2% KCL. Acidize perfs 7,346-7,360' with 800 gals 7½% NEFE and 45 ball sealers at 7 BPM down 2⅞" tubing at maximum tubing pressure of 4,000 psi and maximum casing pressure of 3,000 psi. Flush to bottom with 2% KCL water. Surge well back; shut in for 30 minutes to allow balls to fall.

Sand frac Mesa Verde down 2⅞" tubing with 25,000 gal XL fluid and 50,000 lbs 16/30 RCS (0-5 ppg) at desired rate of 14 BPM with maximum tubing pressure of 5,000 psi and maximum casing pressure of 3,000 psi. Flush with 42 bbls slick water.

Begin flowback immediately at 1 BPM to plastic-lined pit until resin coated sand cleans up, then turn well to frac tank to measure load water recovered; report recoveries daily.

Pull RBP. Run production equipment; place well on production.