

NEW MEXICO OIL CONSERVATION COMMISSION

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☒ Fee ☐
5. 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.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER-	7. Unit Agreement Name
2. Name of Operator <i>Malil oil Corporation</i>	8. Farm or Lease Name <i>North Vac. also Unit</i>
3. Address of Operator <i>Box 633, Midland, Texas 79101</i>	9. Well No. <i>145</i>
4. Location of Well UNIT LETTER <i>P</i> <i>660</i> FEET FROM THE <i>South</i> LINE AND <i>860</i> FEET FROM THE <i>East</i> LINE, SECTION <i>27</i> TOWNSHIP <i>17-S</i> RANGE <i>34-E</i> NMPM.	10. Field and Pool, or Wildcat <i>North Vacuum - also</i>
15. Elevation (Show whether DF, RT, GR, etc.) <i>4031 GR.</i>	12. County <i>Lea</i>

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 <i>Convert to W.I.W.</i> ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOBS ☐	OTHER ☐

17. 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.

Convert to W.I.W. as per attached recommendations

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

SIGNED *Christine D. Tucker* TITLE *Production Clerk* DATE *3-27-73*

APPROVED BY *Joe D. Ramey* TITLE *Dist. 1, Supv.* DATE *MAR 29 1973*
CONDITIONS OF APPROVAL, IF ANY:

WELL WORK RECOMMENDATIONS
Proposals for Well Reconditioning and Subsurface Maintenance
Workovers, Intense DD's, PB's, and Conversions

Lease: NORTH VACUUM ABO UNIT Well No. 145
Field: NORTH VACUUM (ABO)
County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

1. MOVE IN A PILING UNIT AND PULL THE PRODUCING EQUIPMENT.

2. SPOT 500 GALS OF 15% NON-EMULSION HCL ACID IN THE BOTTOM OF THE HOLE AND PERFORATE THE FOLLOWING INTERVALS IN THE ABO FORMATION WITH 1/32" IF:

<u>8,586'</u>	<u>8,593'</u>	<u>8,606'</u>	<u>8,627'</u>	<u>8,641'</u>	<u>8,651'</u>
<u>8,587'</u>	<u>8,594'</u>	<u>8,607'</u>	<u>8,630'</u>	<u>8,649'</u>	<u>8,654'</u>
<u>8,588'</u>	<u>8,595'</u>	<u>8,619'</u>	<u>8,637'</u>	<u>8,648'</u>	<u>8,655'</u>
<u>8,589'</u>	<u>8,596'</u>	<u>8,610'</u>	<u>8,640'</u>	<u>8,647'</u>	<u>8,656'</u>
<u>8,590'</u>	<u>8,600'</u>	<u>8,610'</u>	<u>8,641'</u>	<u>8,652'</u>	<u>8,657'</u>
<u>8,591'</u>	<u>8,605'</u>	<u>8,631'</u>	<u>8,642'</u>	<u>71' OR - 34 HOLES</u>	

PERFORATIONS WERE SELECTED FROM DRESSER ATLAS GR-COLLAR LOG DATED 10-14-70.

3. TREAT THE ABO PERFORATIONS (8,586' - 8,659') (34' OR - 55 HOLES) WITH 1,000 GALS OF THE FOLLOWING CLEAN-OUT SOLUTION:

A. 800 GALS OF XYLENE BOTTOMS,

B. 200 GALS OF 15% REGULAR HCL ACID,

C. 2 GALS OF ADOFORM (10 GALS OF ADOFORM PER 1000 GALS OF ACID).

3-12-73 JW

Oper. Engr.
Form - 1/73

Page 1 of 3.

WELL WORK RECOMMENDATIONS
Proposals for Well Reconditioning and Subsurface Maintenance
Workovers, Expense DD's, PB's, and Conversions

Lease: NORTH VACUUM ABO UNIT Well No. 145

Field: NORTH VACUUM (ABO)

County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

NOTE: BLEND THE ADOFORM INTO THE ACID PRIOR TO MIXING THE ACID AND XYLENE BUTTANES.

DISPLACE 800 GALS OF THE CLEAN-OUT SOLUTION INTO THE FORMATION AND ALLOW THE REMAINING 200 GALS TO SOAK THE FORMATION FACE FOR 24 HRS.

4. SWAB AND CLEAN UP THE WELL UNTIL ALL THE CLEAN-OUT SOLUTION HAS BEEN REMOVED.

5. ACIDIZE THE ABO PERFORATIONS (8,575'-8,659') (84' OA - 55 HOLES) WITH 5,000 GALS OF 15% NON-EMULSION, IRON-STABILIZED, HCL ACID. TREAT AT 2 TO 5 BPS/MIN AND INJECT A SUFFICIENT QUANTITY OF RUBBER-COVERED NYLON BALL SEALERS TO OBTAIN A COMPLETE BALL-OUT. APPROXIMATELY 90 BALL SEALERS WILL BE REQUIRED. INJECT 15,000 GALS OF FRESH WATER TREATED WITH 2 GALS OF ADMALL / 1000 GALS OF WATER.

6. RUN 2" (COUPLING - BUTTRESS THREAD; N-80 TEG) INJECTION TUBING AND A MODEL "NR" PICKER*. LOAD THE TUBING-CASING ANNULUS WITH FRESH WATER TREATED WITH 10 GALS OF ADMALL 2007 / 1000

3-12-73 JN

Oper. Engr.
Form - 1/73

* - Refer to attached
Sketch for picker
hook-up details.

Page 2 of 3.

WELL WORK RECOMMENDATIONS
Proposals for Well Conditioning and Subsurface Maintenance
Workovers, Expense DD's, PB's, and Conversions

Lease: NORTH URGUEN ABO UNIT Well No. 145

Field: NORTH URGUEN (ABO)

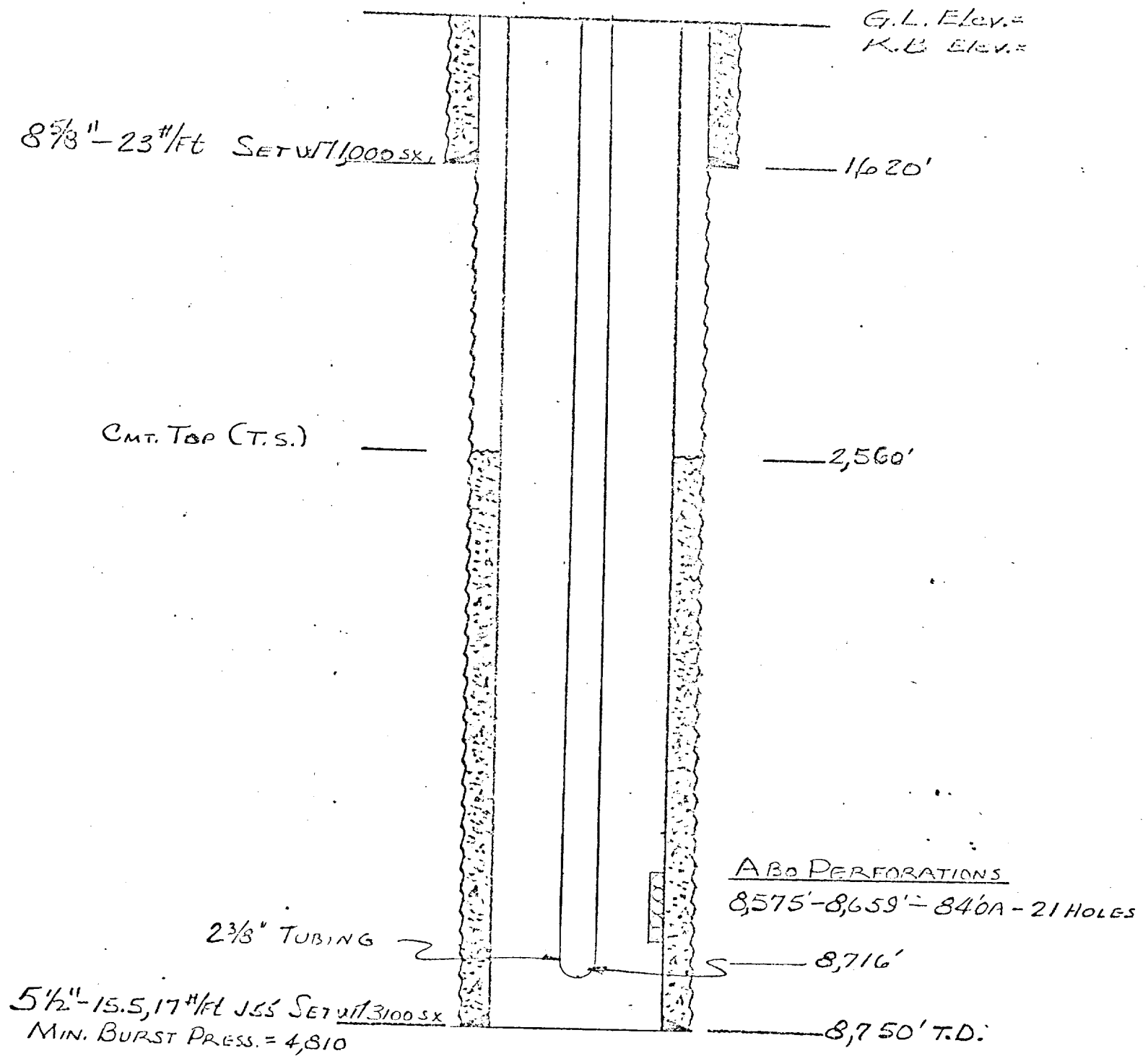
County: LEA State: NEW MEXICO

RECOMMENDED PROCEDURE:

GALS OF WATER AND SET THE PACKER APPROXIMATELY
50' ABOVE THE INJECTION INTERVAL.

7. PUT THE WELL ON INJECTION. (NOTE: HIGH PRESSURE
ALTERNATE GAS LIFTOR INJECTION PROJECT IS PLANNED.)

D. GRAMMATIC WELL S ETCN
BRIDGES STATE WELL No. 145
NORTH VACUUM (ABO) POOL
LEA COUNTY, NEW MEXICO



3-6-73
 LEW