

N.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue
Alamosa, NM 88210
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. LC0699280-A
2. Name of Operator NEW MEXICO INSTITUTE OF MINING & TECHNOLOGY		6. If Indian, Allottee or Tribe Name
3a. Address 601 W Illinois Av., Hobbs NM 88240	3b. Phone No. (include area code) 505-392-2236	7. If Unit or CA/Agreement, Name and/or No. SULIMAR QUEEN UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1650 FSL 660 FWL U/L L Sec 24 T15S R29E		8. Well Name and No. SULIMAR QUEEN UNIT TR 1 # 6
		9. API Well No. 30-005-60085
		10. Field and Pool, or Exploratory Area Sulimar Queen
		11. County or Parish, State Chaves County, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

1. POH w/ rods & tubing
2. Spot 25 sx class "C" neat cement @1951 on top of existing packer
3. RIH tag cmt
- Option A
4. Perf @ 440'
5. Spot 100' plug (50' in & 50' out 8 5/8 shoe @ 390) and tag plug
6. Spot 30' plug from 30' to surface
7. Cut off well head install dry hole marker
- Option B
4. Cut & pull 5 1/2 @ 400 + or -
5. RIH spot 100' plug (50' in stub to 50' in 8 5/8 shoe @ 390) and tag
6. Spot 30' plug from 30' to surface
7. Cut off well head install dry hole marker

SEE ATTACHED BEFORE & AFTER WELLBORE SCHEMATIC

RECEIVED

NOV 11 2004

OCC-ARTESIA

See attached Changes
to plugging procedure

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Eddie Seay		Title Agent
Signature <i>Eddie Seay</i>		Date 10/21/04

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>APL</i>	Title <i>PE</i>	Date 11/9/04
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office <i>RFO</i>

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WELLBORE SCHEMATIC AND HISTORY

		COMPLETION SCHEMATIC		OIL	

WELLBORE SCHEMATIC AND HISTORY

AFTER P&A OPTION A

COMPLETION SCHEMATIC		OIL	APINUM: 30-005-60085
			OPERATOR: New Mexico Institute of Mining & Technology
			LEASENAME: SULIMAR QUEEN UNIT (Tr 1) WELL NO #006
			LOCATION: UL: L SEC: 24 TWN: 15S RNG: 29E
			1650 FSL 660 FWL
			TD 2003 PBD 1999 KB DF
			GL 3948
			POOL PERFS 1967-1975
			SULIMAR QUEEN OPEN HOLE
			POOL PERFS
			OPEN HOLE
			POOL PERFS
			OPEN HOLE
			POOL PERFS
			OPEN HOLE
			TEST (SHOW DATE)
			8/28/69 OIL 85 GAS 100 WATER 0
			OIL GAS WATER
			CASING BREAKDOWN
			SIZE DEPTH CMT HOLE SIZE TOC
			SURF. 8 5/8 390 50 SX 10 0 est
			INTER. 1
			INTER. 2
			PROD. 5 1/2 2003 150 SX 8 1362 est
			TUBING BREAKDOWN
			SIZE DEPTH PACKER
			Aug-69 2 1930
			Dec-71 2 3/8 HAL R-4 Pkr 1951
			HISTORY
			8/6/69 Well Spudded
			8/27/69 Well Completed
			12/14/71 Well converted to WIW ran Haliburton R-4 pkr on
			2 3/8 tbg Eue. PKR set @ 1951
			Jun-85 Well SI
			Apr-96 Well reclassified as SI Oil

RUSTLER 358
Top Salt 376

TANSILL 1020
YATES 1226

7 RVRS
QUEEN 1963
GRAYBURG
SAN ANDRES

GLORIETA
PADDOCK
BLINEBRY
TUBB
DRINKARD
ABO

DELAWARE
BELL CANYON
CHERRY CANY
BRUSHY CANY
BONE SPRING

WOLFCAMP
PENN
CISCO

CANYON
STRAWN
ATOKA
MORROW
MISS
WOODFROD
DEVONIAN

TOC 0'
Est

Rustler 358'
Top Salt 376'
8 5/8 @ 390'

Base Salt 1020'

YATES 1226'

TOC 1362'
Est

PKR
@ 1951

QUEEN 1963
PERFS
1967-1975

5 1/2 @ 2003'

PBD 1999'
TD 2003'

PREPARED BY:

UPDATED

WELLBORE SCHEMATIC AND HISTORY

AFTER P&A OPTION B

COMPLETION SCHEMATIC			OIL	
			APINUM: 30-005-60085	
			OPERATOR: New Mexico Institute of Mining & Technology	
			LEASENAME: SULIMAR QUEEN UNIT (Tr 1) WELL NO #006	
			LOCATION: UL: L SEC: 24 TWN: 15S RNG: 29E	
			1650 FSL 660 FWL	
			TD 2003 PBD 1999 KB DF	
			GL 3948	
			POOL PERFS 1967-1975	
			SULIMAR QUEEN OPEN HOLE	
			POOL PERFS	
			OPEN HOLE	
			POOL PERFS	
			OPEN HOLE	
			POOL PERFS	
			OPEN HOLE	
			TEST (SHOW DATE)	
			8/28/69 OIL 85 GAS 100 WATER 0	
			OIL GAS WATER	
			CASING BREAKDOWN	
			SIZE DEPTH CMT HOLE SIZE TOC	
			SURF. 8 5/8 390 50 SX 10 0 est	
			INTER. 1	
			INTER. 2	
			PROD. 5 1/2 2003 150 SX 8 1362 est	
			TUBING BREAKDOWN	
			SIZE DEPTH PACKER	
			Aug-69 2 1930	
			Dec-71 2 3/8 HAL. R-4 Pkr 1951	
			HISTORY	
			8/6/69 Well Spudded	
			8/27/69 Well Completed	
			12/14/71 Well converted to WIW ran Halliburton R-4 pkr on	
			2 3/8 tbg Eue. PKR set @ 1951	
			Jun-85 Well SI	
			Apr-96 Well reclassified as SI Oil	

RUSTLER 358	TOC 0' Est		PBD 1999' TD 2003'
Top Salt 376			
TANSILL 1020			
YATES 1226			
7 RVRS			
QUEEN 1963			
GRAYBURG			
SAN ANDRES			
GLORIETA			
PADDOCK			
BLINEBRY			
TUBB			
DRINKARD			
ABO			
DELAWARE			
BELL CANYON			
CHERRY CANY			
BRUSHY CANY			
BONE SPRING			
WOLFCAMP			
PENN			
CISCO			
CANYON			
STRAWN			
ATOKA			
MORROW			
MISS			
WOODFROD			
DEVONIAN			
Base Salt 1020'			
YATES 1226'			
TOC 1362' Est			
PKR @ 1951			
QUEEN 1963 PERFS 1967-1975			
5 1/2 @ 2003'			

RUSTLER 358
Top Salt 376

TANSILL 1020
YATES 1226

7 RVRS

QUEEN 1963

GRAYBURG

SAN ANDRES

GLORIETA

PADDOCK

BLINEBRY

TUBB

DRINKARD

ABO

DELAWARE

BELL CANYON

CHERRY CANY

BRUSHY CANY

BONE SPRING

WOLFCAMP

PENN

CISCO

CANYON

STRAWN

ATOKA

MORROW

MISS

WOODFROD

DEVONIAN

TOC 0'
Est

Rustler 358'
Top Salt 376'
8 5/8 @ 390'

Base Salt 1020'

YATES 1226'

TOC 1362'
Est

PKR
@ 1951

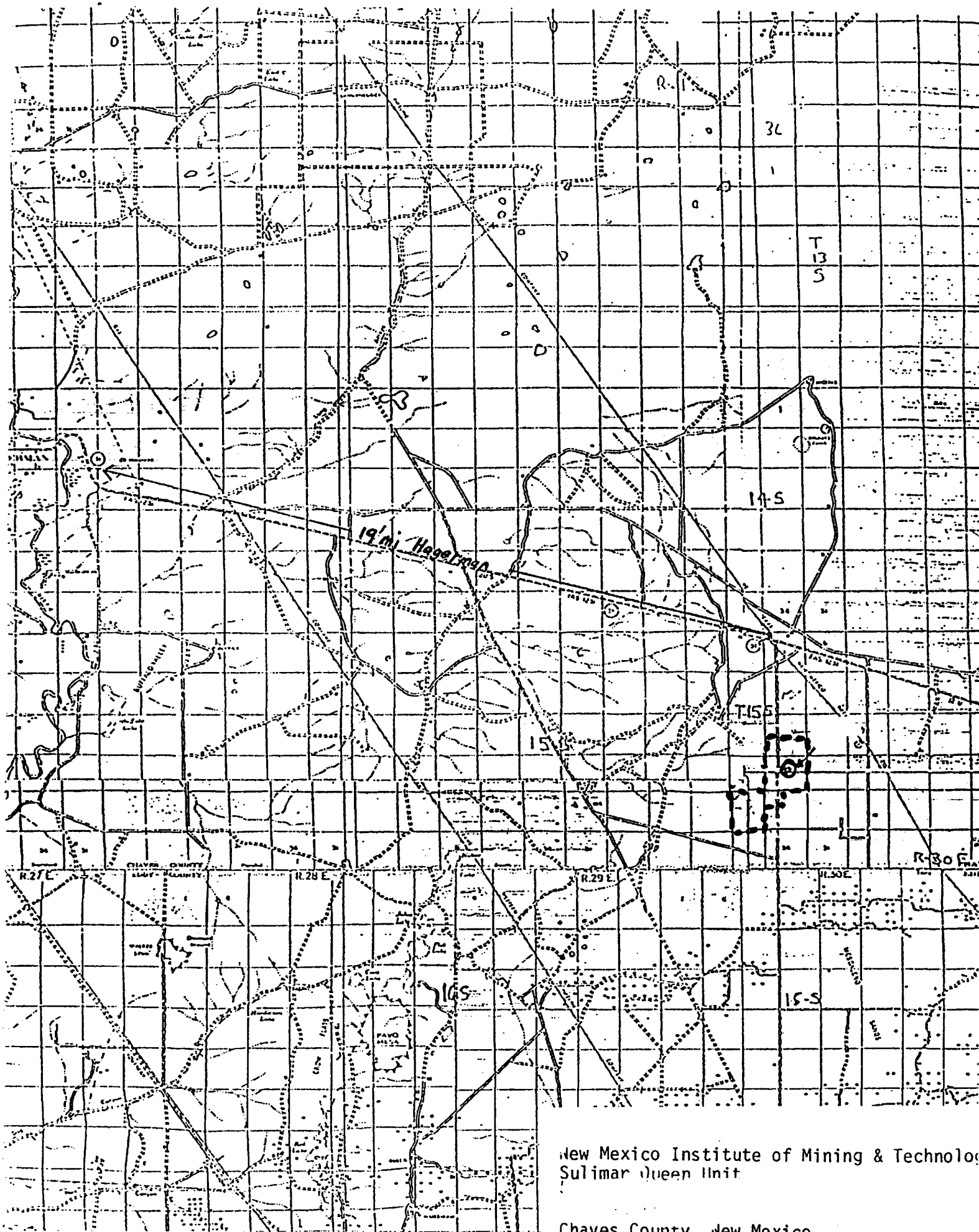
QUEEN 1963
PERFS
1967-1975

5 1/2 @ 2003'

PBD 1999'
TD 2003'

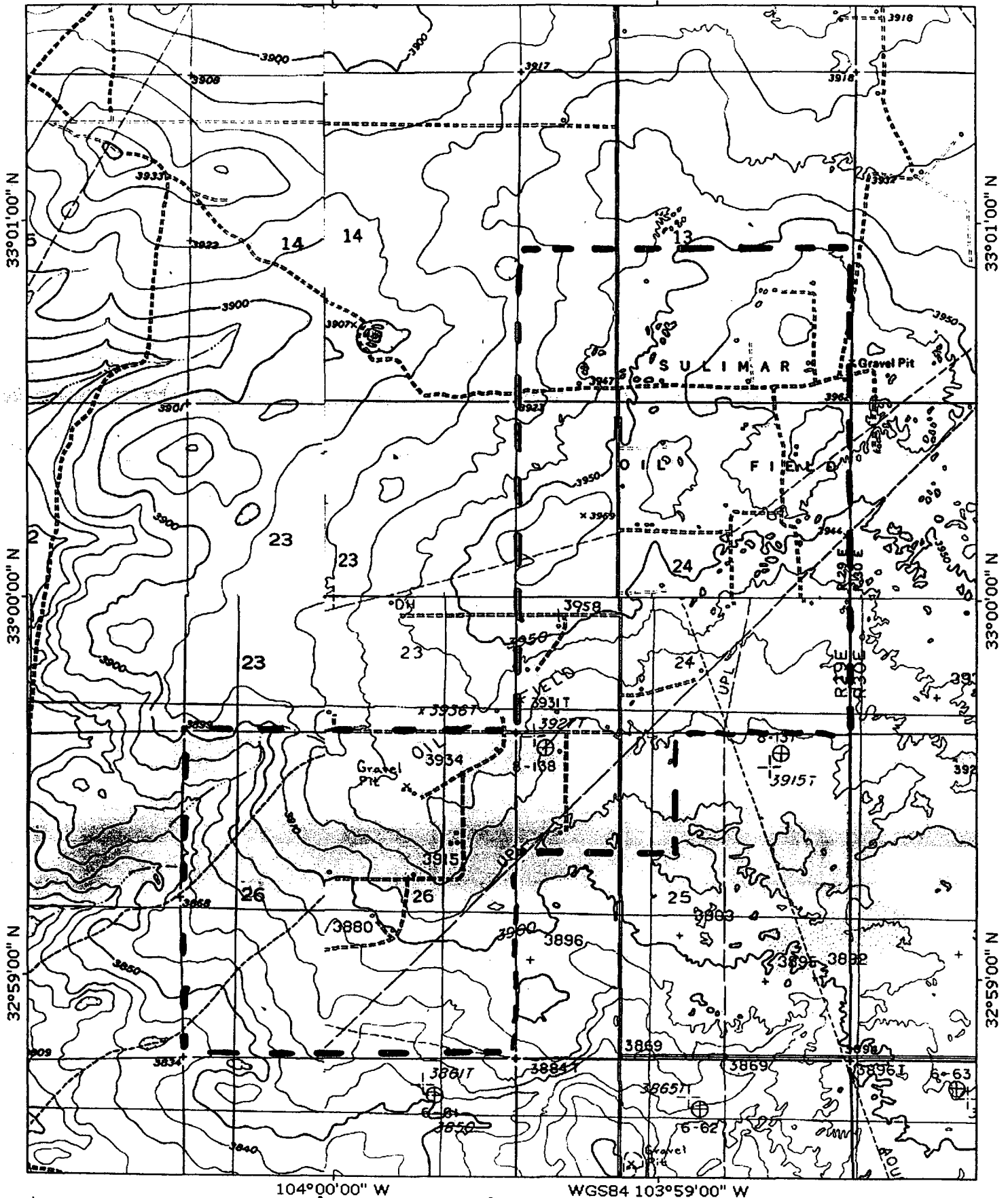
PREPARED BY:

UPDATED



New Mexico Institute of Mining & Technology
Sulimar Queen Unit

Chaves County, New Mexico



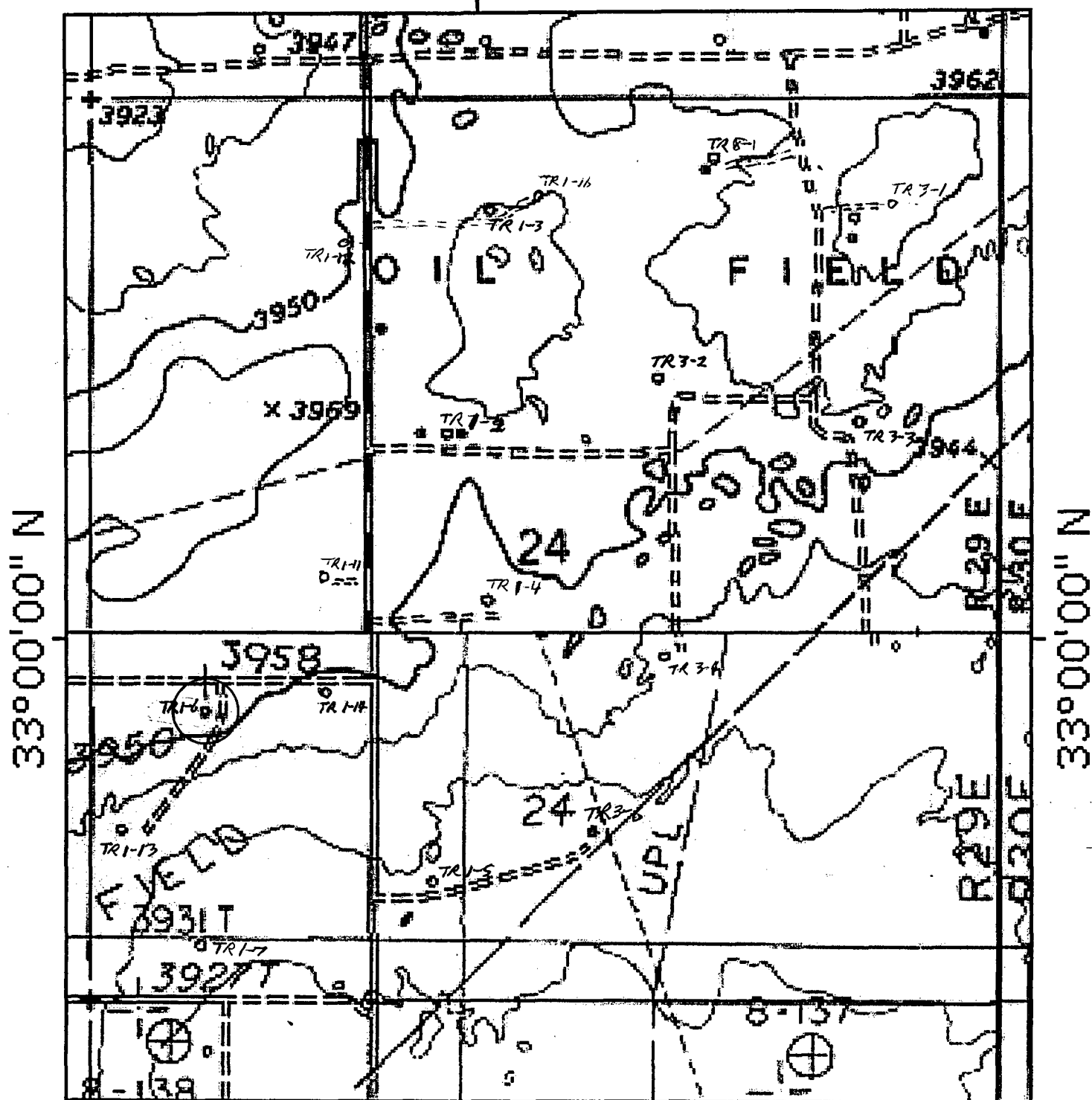
TN MN
9°

104°00'00" W WGS84 103°59'00" W

0 1000 FEET 0 500 1000 METERS

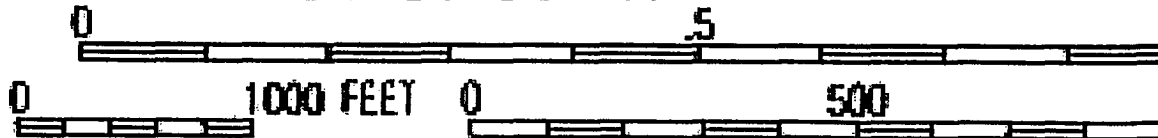
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WGS84 103°59'00" W



WGS84 103°59'00" W

TN * MN
9°



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Sulimar Queen Unit Tr.1 # 6

In Option A: Perforate 5½" at 1275' and squeeze the backside of the 5½" from 1275' to 1175' and leave 100' plug from 1275' to 1175' inside 5½".

At Step 4 of the plugging program perforate at 440' circulate cement behind the 5½" to surface, continue with the rest of the procedures.

In Option B: Cut and pull 5½" at ±1275' and spot 100' plug across stub (50'in and 50' out of stub) and tag.

Continue with Step 5 by placing 100' across shoe of 8⅝" and tag.