

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	7. If Unit or CA/Agreement, Name and/or No. SULIMAR QUEEN UNIT
3b. Phone No. (include area code) 505-392-2236	8. Well Name and No. SULIMAR QUEEN UNIT TR 1 # 5
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660 FSL 1980 FWL U/L N Sec 24 T15S R29E	9. API Well No. 30-005-60081
	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 recomplete 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 recompletion 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 @1968 on top of existing packer
3. RIH tag cmt
Option A
4. Perf @ 435'
5. Spot 100' plug (50' in & 50' out 8 5/8 shoe @ 383) 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 @ 390 + or -
5. RIH spot 100' plug (50' in stub to 50' in 8 5/8 shoe @ 383) 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

OCD-ARTESIA

*see attached changes to
plugging procedures*

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

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>CCR</i>	Title <i>PE</i>	Date <i>11/9/04</i>
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.

(Instructions on page 2)

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		OIL	APINUM: 30-005-60081
			OPERATOR: New Mexico Institute of Mining & Technology
			LEASENAME: SULIMAR QUEEN UNIT (Tr 1) WELL NO #005
			LOCATION: UL: N SEC: 24 TWN: 15S RNG: 29E
			660 FSL 1980 FWL
			TD 2020 PBD 2015 KB DF
			GL 3907
			POOL PERFS 1976-2006
			SULIMAR QUEEN OPEN HOLE
			POOL PERFS
			OPEN HOLE
			POOL PERFS
			OPEN HOLE
			POOL PERFS
			OPEN HOLE
			TEST (SHOW DATE)
			7/28/69 OIL 70 GAS 0 WATER 80
			OIL GAS WATER
			CASING BREAKDOWN
			SIZE DEPTH CMT HOLE SIZE TOC
			SURF. 8 5/8 383 50 SX 12 1/4 246 est
			INTER. 1
			INTER. 2
			PROD. 5 1/2 2016 150 SX 8 1379 est
			TUBING BREAKDOWN
			SIZE DEPTH PACKER
			Jul-69 2 1930
			Dec-71 2 3/8 HAL. R-4 1968
			HISTORY
			7/6/69 Well Spudded
			7/26/69 Well Completed
			12/27/71 Well converted to WIW ran Haliburton R-4 pkr on
			2 3/8 Eue tbg. PKR set @ 1968
			Jun-85 Well SI
			Apr-96 Well reclassified as SI Oil

RUSTLER 370
Top Salt 388

TANSILL 1035
YATES 1234
7 RVRS
QUEEN 1972

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 246'
Est
Rustler 370'
8 5/8 @ 383'
Top Salt 388'

Base Salt 1035'
YATES 1234'

TOC 1379'
Est

PKR
@ 1968

QUEEN 1972
PERFS
1976-2006

5 1/2 @ 2016'

PBD 2015'
TD 2020

PREPARED BY:

UPDATED

WELLBORE SCHEMATIC AND HISTORY

AFTER P&A OPTION A

COMPLETION SCHEMATIC		OIL	APINUM: 30-005-60081	
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			GL 3907	
			POOL PERFS 1976-2006	
			SULIMAR QUEEN OPEN HOLE	
			POOL PERFS	
			OPEN HOLE	
			POOL PERFS	
			OPEN HOLE	
			POOL PERFS	
			OPEN HOLE	
			TEST (SHOW DATE)	
			7/28/69 OIL 70 GAS 0 WATER 60	
			OIL GAS WATER	
			CASING BREAKDOWN	
			SIZE	DEPTH CMT HOLE SIZE TOC
			SURF. 8 5/8	383 50 SX 12 1/4 246 est
			INTER. 1	
			INTER. 2	
			PROD. 5 1/2	2016 150 SX 8 1379 est
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			SIZE	DEPTH PACKER
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CANYON
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DEVONIAN

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Rustler 370'
8 5/8 @ 383'
Top Salt 388'

Base Salt 1035'

YATES 1234'

TOC 1379'
Est

PKR
@ 1968

QUEEN 1972
PERFS
1976-2006

5 1/2 @ 2016'

PBD 2015'
TD 2020

PREPARED BY:

UPDATED

WELLBORE SCHEMATIC AND HISTORY

AFTER P&A OPTION B

COMPLETION SCHEMATIC		OIL	APINUM: 30-005-60081	
			OPERATOR: New Mexico Institute of Mining & Technology	
			LEASENAME: SULIMAR QUEEN UNIT (Tr 1) WELL NO #005	
			LOCATION:	UL: N SEC: 24 TWN: 15S RNG: 29E
			660 FSL 1980 FWL	
			TD 2020	PBD 2015 KB DF
			GL 3907	
			POOL	PERFS 1976-2006
			SULIMAR QUEEN	
			OPEN HOLE	
			POOL	PERFS
			OPEN HOLE	
			POOL	PERFS
			OPEN HOLE	
			POOL	PERFS
			OPEN HOLE	
			TEST (SHOW DATE)	
			7/28/69	OIL 70 GAS 0 WATER 60
			OIL GAS WATER	
			CASING BREAKDOWN	
			SIZE	DEPTH CMT HOLE SIZE TOC
			8 5/8	383 50 SX 12 1/4 246 est
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			INTER. 2	
			PROD.	5 1/2 2016 150 SX 8 1379 est
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CANYON
STRAWN
ATOKA
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Rustler 370'
8 5/8 @ 383'
Top Salt 388'

Base Salt 1035'

YATES 1234'

TOC 1379'
Est

PKR
@ 1968

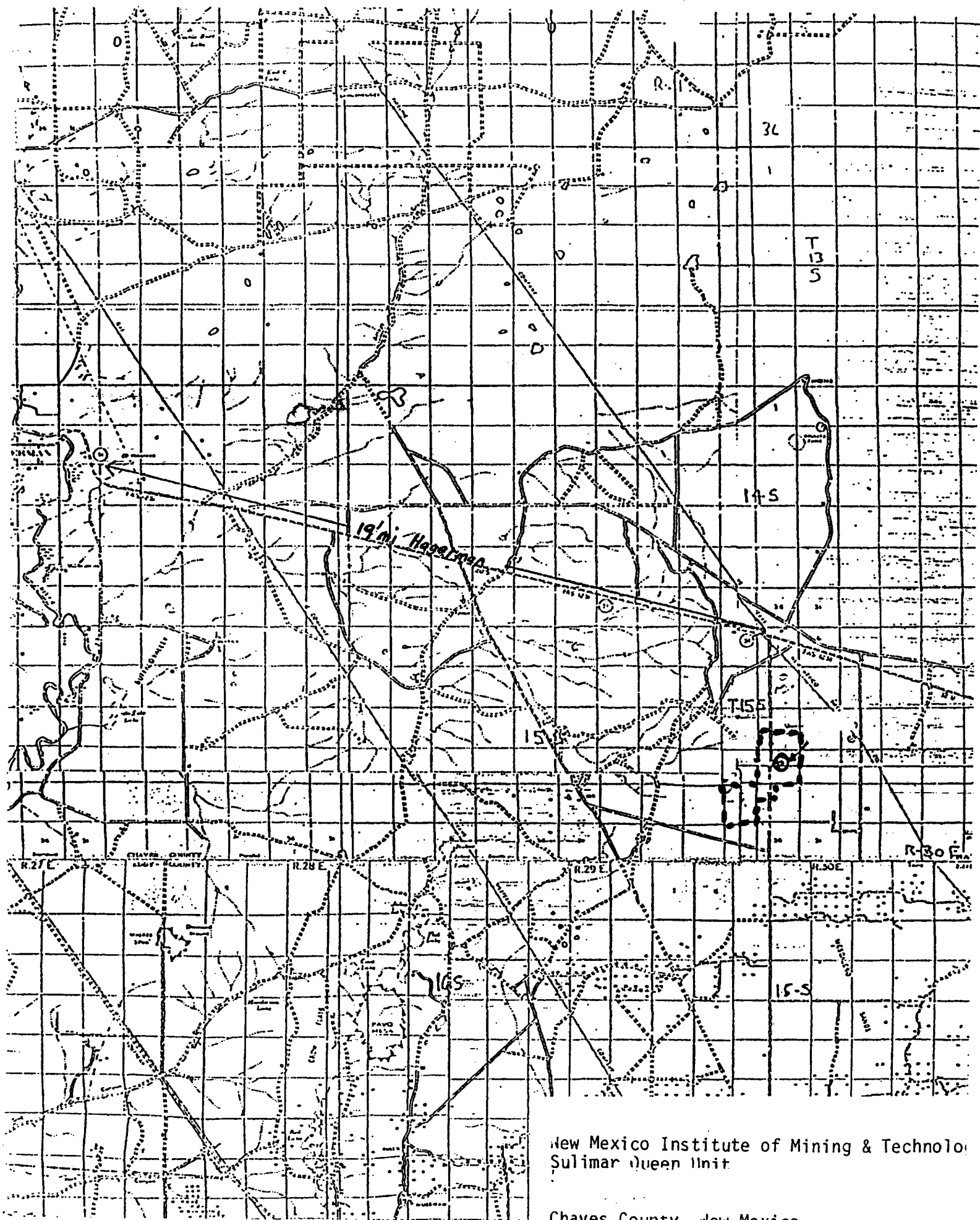
QUEEN 1972
PERFS
1976-2006

5 1/2 @ 2016'

PBD 2015'
TD 2020

PREPARED BY:

UPDATED



104°00'00" W

WGS84 103°59'00" W



33000'00" N

22059'00" N

33°01'00" N

33°00'00" N

2°59'00" N

104°00'00" W

WGS84 103°59'00" W

TN * MN
9°

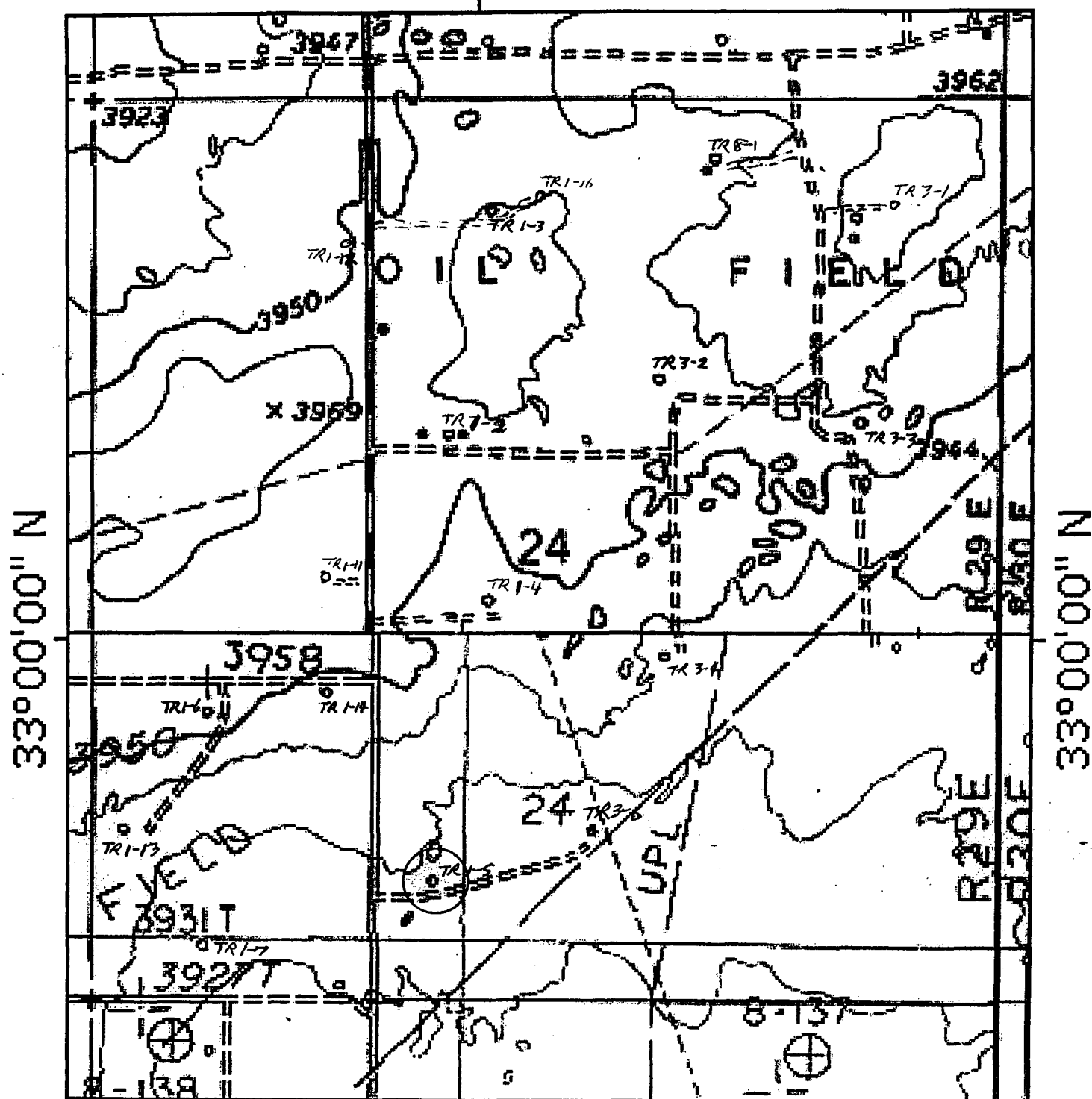
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0 1000 FEET

0 500 1000 METERS

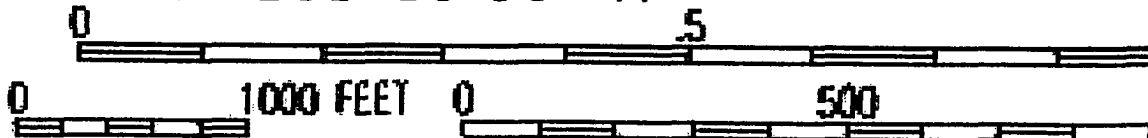
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Printed on 10/05/04 from "New Mexico.tpo" and "I
WGS84 103°59'00" W



TN * MN
9°

WGS84 103°59'00" W



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Sulimar Queen Unit Tr.1 # 5

In Option A: Perforate 5½" at 1280' and squeeze the backside of the 5½" from 1280' to 1180' and leave 100' plug from 1280' to 1180' inside 5½".

At Step 4 of the plugging program perforate at 435' and at 240' and circulate cement behind the 5½" and 8⅝" to surface, continue with the rest of the procedures.

In Option B: Cut and pull 5½" at ±1280' 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.

Perforate 8⅝" at 240' and circulate cement backside of 8⅝" to surface.