

N.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue
Alamogordo, NM 88210
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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. NM-0493370-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) 2310 FNL 1650 FEL U/L G Sec 26 T15S R29E		8. Well Name and No. SULIMAR QUEEN UNIT TR 5 # 2
		9. API Well No. 30-005-60120
		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.)

- POH w/ rods & tubing
- Spot 25 sx class "C" neat cement @1880 on top of existing packer
- RIH tag cmt
- Option A
- Perf @ 470'
- Spot 100' plug (50' in & 50' out 8 5/8 shoe @ 421) and tag plug
- Spot 30' plug from 30' to surface
- Cut off well head install dry hole marker
- Option B
- Cut & pull 5 1/2 @ 425 + or -
- RIH spot 100' plug (50' in stub to 50' in 8 5/8 shoe @ 421) and tag
- Spot 30' plug from 30' to surface
- Cut off well head install dry hole marker

SEE ATTACHED BEFORE & AFTER WELLBORE SCHEMATIC

RECEIVED

NOV 0 5 2004

OOD-ARTESIA

*see attch. 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 10/21/04

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>CL</i>	Title <i>PE</i>	Date 11/2/04
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	APINUM: 30-005-60120
			OPERATOR: New Mexico Institute of Mining & Technology
			LEASENAME: SULIMAR QUEEN UNIT (Tr 5) WELL NO #002
			LOCATION: UL: G SEC: 26 TWN: 15S RNG: 29E
			2310 FNL 1650 FEL
			TD 1991 PBD 1975 KB DF
			GL 3915
			POOL SULIMAR QUEEN PERFS 1954-1963
			OPEN HOLE
			POOL PERFS
			OPEN HOLE
			POOL PERFS
			OPEN HOLE
			POOL PERFS
			OPEN HOLE
			TEST (SHOW DATE)
			6/17/70 OIL 75 GAS 20 WATER 9
			OIL GAS WATER
			CASING BREAKDOWN
			SIZE DEPTH CMT HOLE SIZE TOC
			SURF. 8 5/8 421 175 SX 12 1/2 CIRC
			INTER. 1
			INTER. 2
			PROD. 5 1/2 1985 130 SX 8 1395 **
			TUBING BREAKDOWN
			SIZE DEPTH PACKER
			Jun-70 2 3/8 1970
			Jul-92 2 3/8 1880
			HISTORY
			5/17/70 Well Spudded
			Surface Casing Circulated
			6/17/70 Well Completed
			** Production Casing Temp Survey TOC 8 5/8 1395'
			Jun-85 Well SI
			7/1/92 MIT. SET PKR @ 1880. TESTED CASING TO 500 PSI
			FOR 30 MIN. WITNESSED BY GARY WILLIAMS - OCD

RUSTLER

TANSILL 1030

YATES 1228

7 RVRS

QUEEN 1953

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

8 5/8 @ 421'

Cmnt Circ

Base Salt 1030'

YATES 1228'

TOC 1395'
Temp Surv

PKR
@ 1880

QUEEN 1953'
PERFS
1954-1963

5 1/2 @ 1985'

PBD 1975
TD 1991'

PREPARED BY:

UPDATED

AFTER P&A OPTION A

PREPARED BY:	UPDATED
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WELLBORE SCHEMATIC AND HISTORY

AFTER P&A OPTION B

COMPLETION SCHEMATIC		OIL	APINUM: 30-005-60120
			OPERATOR: New Mexico Institute of Mining & Technology
			LEASENAME: SULIMAR QUEEN UNIT (Tr 5) WELL NO #002
			LOCATION: UL: G SEC: 26 TWN: 15S RNG: 29E
			2310 FNL 1650 FEL
			TD 1991 PBD 1975 KB DF
			GL 3915
			POOL SULIMAR QUEEN PERFS 1954-1963
			POOL OPEN HOLE
			POOL PERFS
			POOL OPEN HOLE
			POOL PERFS
			POOL OPEN HOLE
			POOL PERFS
			POOL OPEN HOLE
			TEST (SHOW DATE)
			6/17/70 OIL 75 GAS 20 WATER 9
			OIL GAS WATER
			CASING BREAKDOWN
			SIZE DEPTH CMT HOLE SIZE TOC
			SURF. 8 5/8 421 175 SX 12 1/2 CIRC
			INTER. 1
			INTER. 2
			PROD. 5 1/2 1985 130 SX 8 1395 **
			TUBING BREAKDOWN
			SIZE DEPTH PACKER
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BONE SPRING

WOLFCAMP

PENN

CISCO

CANYON

STRAWN

ATOKA

MORROW

MISS

WOODFROD

DEVONIAN

8 5/8 @ 421'

Cmnt Circ

Base Salt 1030'

YATES 1228'

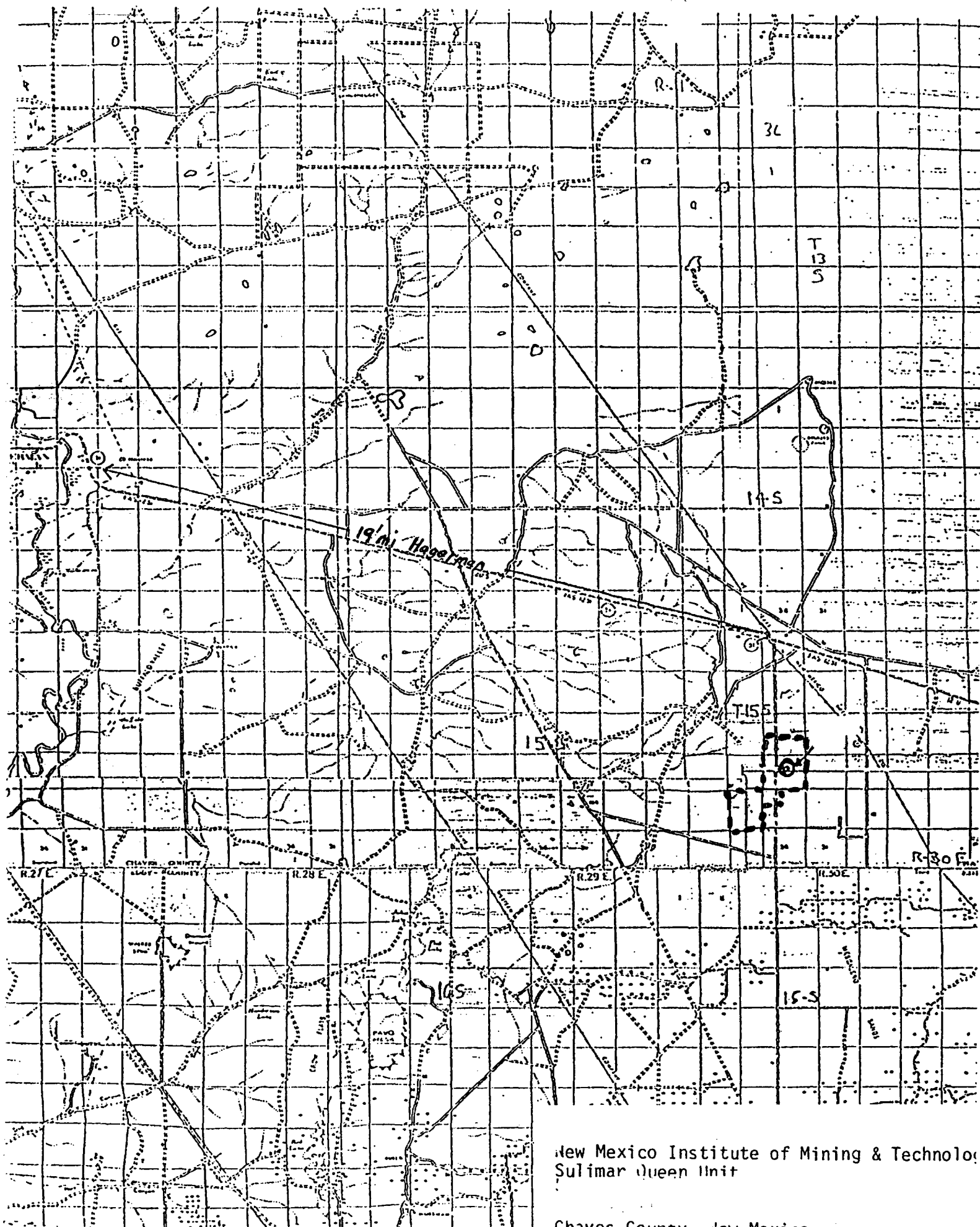
TOC 1395'
Temp SurvPKR
@ 1880QUEEN 1953'
PERFS
1954-1963

5 1/2 @ 1985'

PBD 1975
TD 1991'

PREPARED BY:

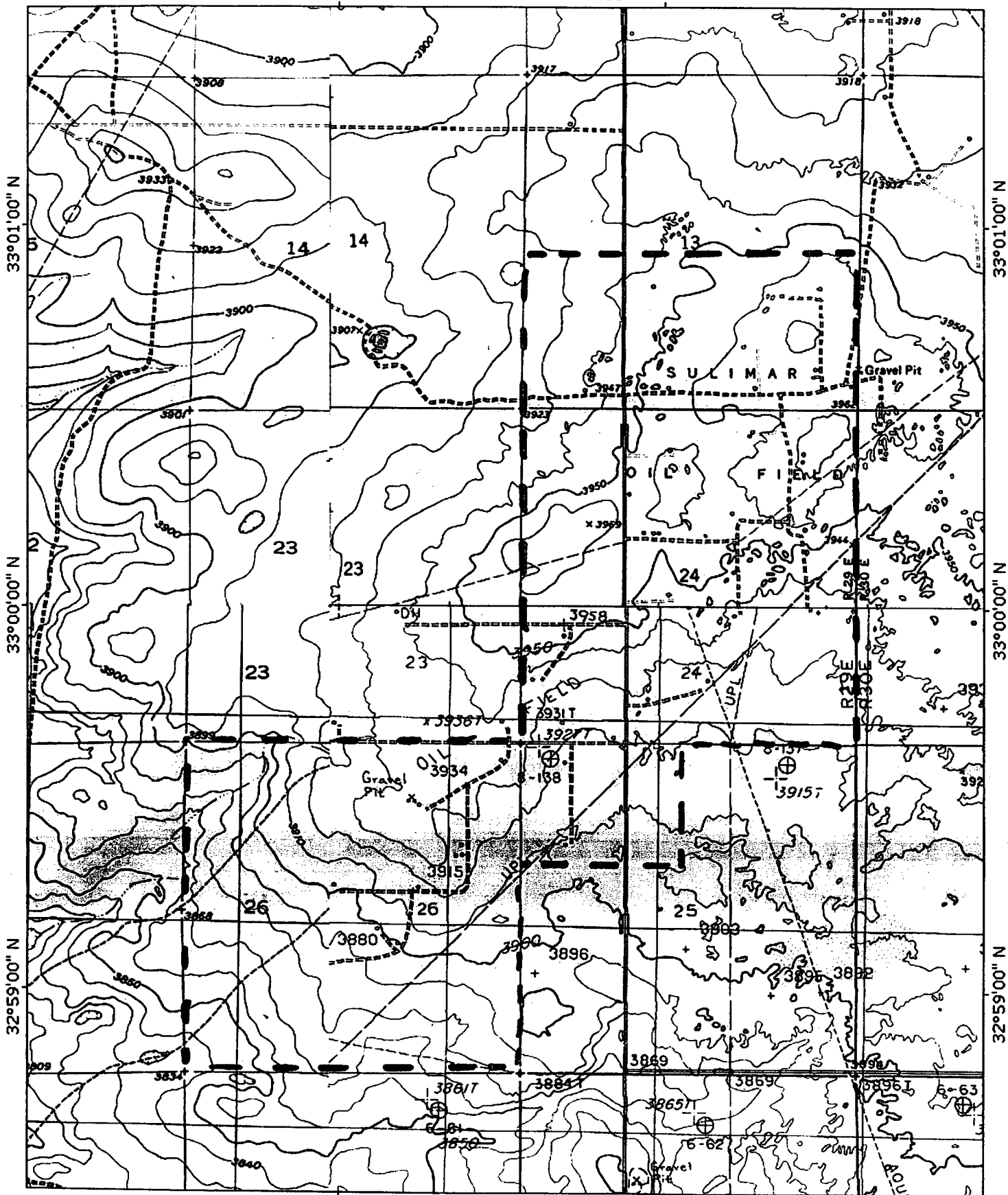
UPDATED



New Mexico Institute of Mining & Technology
Sulimar Queen Unit

Chaves County, New Mexico

TOPOI map printed on 10/05/04 from "New Mexico.tpo" and "Untitled.tpg"
104°00'00" W WGS84 103°59'00" W



TN 1 MN
9°

104°00'00" W WGS84 103°59'00" W

0 5 1000 FEET 0 500 1000 METERS

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Changes to Plug and Abandonment Procedures:

Sulimar Queen Unit Tr.5 # 2

In Option A: Perforate 5½" at 1278' and squeeze the backside of the 5½" from 1278' to 1178' and leave 100' plug from 1278' to 1178' inside 5½".

At Step 4 of the plugging program perforate at 470' and circulate cement behind the 5½" to surface continue with the rest of the procedures.

In Option B: Cut and pull 5½" at ±1278' 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.