

N.M. Oil Cons. DIV-Dist. 2

Form 3160-5
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
1301 W. Grand Avenue
Alamosa NM 88210FORM 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) 990 FSL 2310 FWL U/L N Sec 13 T15S R29E		8. Well Name and No. SULIMAR QUEEN UNIT TR 1 # 15
		9. API Well No. 30-005-61745
		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. Set CIBP @1940 cap w/ 35' class "C" neat cement
3. RIH tag cmt
Option A
4. Perf @ 455'
5. Spot 100' plug (50' in & 50' out 8 5/8 shoe @ 403) 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 @ 420 + or -
5. RIH spot 100' plug (50' in stub to 50' in 8 5/8 shoe @ 403) 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

GEO-ARTESIA

*See attached change,
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 10/24/04

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>CC L</i>	Title PE	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 RFO	

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)

COMPLETION SCHEMATIC	OIL
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PREPARED BY:	UPDATED
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WELLBORE SCHEMATIC AND HISTORY

AFTER P&A OPTION A

		COMPLETION SCHEMATIC		APINUM: 30-005-61745	
				OPERATOR: New Mexico Institute of Mining & Technology	
				LEASENAME: SULIMAR QUEEN UNIT (Tr 1) WELL NO #015	
RUSTLER 404		LOCATION: UL: N SEC: 13		TWN: 15S RNG: 29E	
Top Salt 424		990 FSL		2310 FWL	
		TD 2020 PBD 2020		KB DF	
				GL 3959	
TANSILL 1060		POOL		PERFS 1990-1996	
YATES 1262		SULIMAR QUEEN		OPEN HOLE	
7 RVRS		POOL		PERFS	
QUEEN 1988				OPEN HOLE	
GRAYBURG		POOL		PERFS	
SAN ANDRES				OPEN HOLE	
GLORIETA		POOL		PERFS	
PADDOCK				OPEN HOLE	
BLINEBRY		TEST (SHOW DATE)			
TUBB		11/13/82 OIL 65 GAS 0		WATER 25	
DRINKARD		OIL GAS		WATER	
ABO		CASING BREAKDOWN			
		SIZE	DEPTH	CMT	HOLE SIZE TOC
		8 5/8	403	150 SX	10 CIRC 20
DELAWARE		INTER. 1			
BELL CANYON		INTER. 2			
CHERRY CANY		PROD.	5 1/2 2020	150 SX	8 1450 **
BRUSHY CANY		TUBING BREAKDOWN			
BONE SPRING		SIZE	DEPTH	PACKER	
		Nov-82	2 3/8	1970	
WOLFCAMP		HISTORY			
PENN		9/28/82 Well Spudded			
CISCO		Surface Casing Circulated 20 SX			
CANYON		11/11/82 Well Completed			
STRAWN		Nov-82 ** Production Casing Temp Survey TOC 8 5/8 1450'			
ATOKA		9/30/96 Well SI			
MORROW		Apr-97 Removed pumping unit			
MISS					
WOODFROD					
DEVONIAN					

RUSTLER 404
Top Salt 424

TANSILL 1060
YATES 1262
7 RVRS
QUEEN 1988

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 @ 403'

RUSTLER 404'
Top Salt 424'

Base Salt 1060'

YATES 1262'

TOC 1450'
Temp Surv

CIBP
@ 1970'

QUEEN
PERFS
1990-1996

5 1/2 @ 2020'

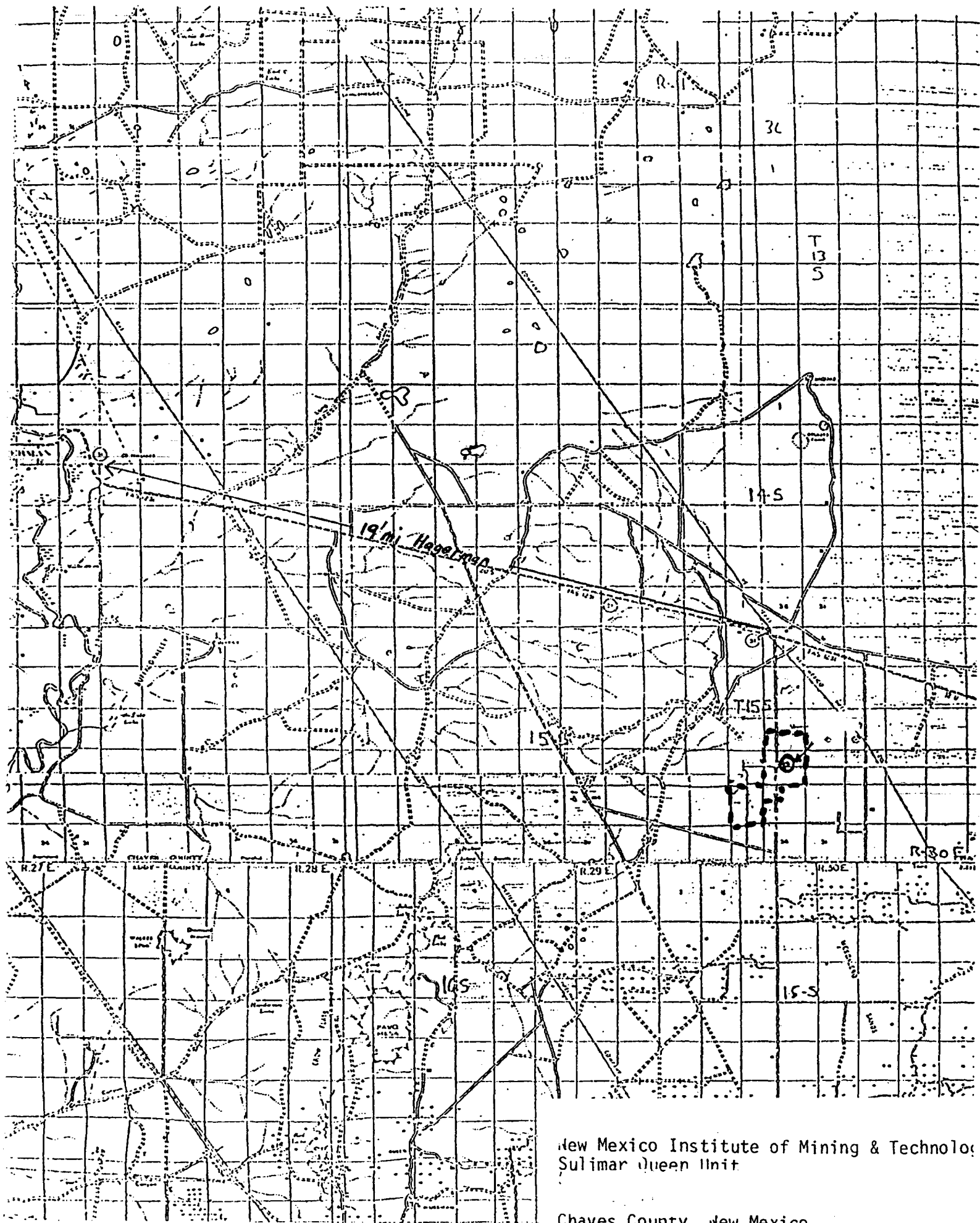
PBD 2020
TD 2020

PREPARED BY:

UPDATED

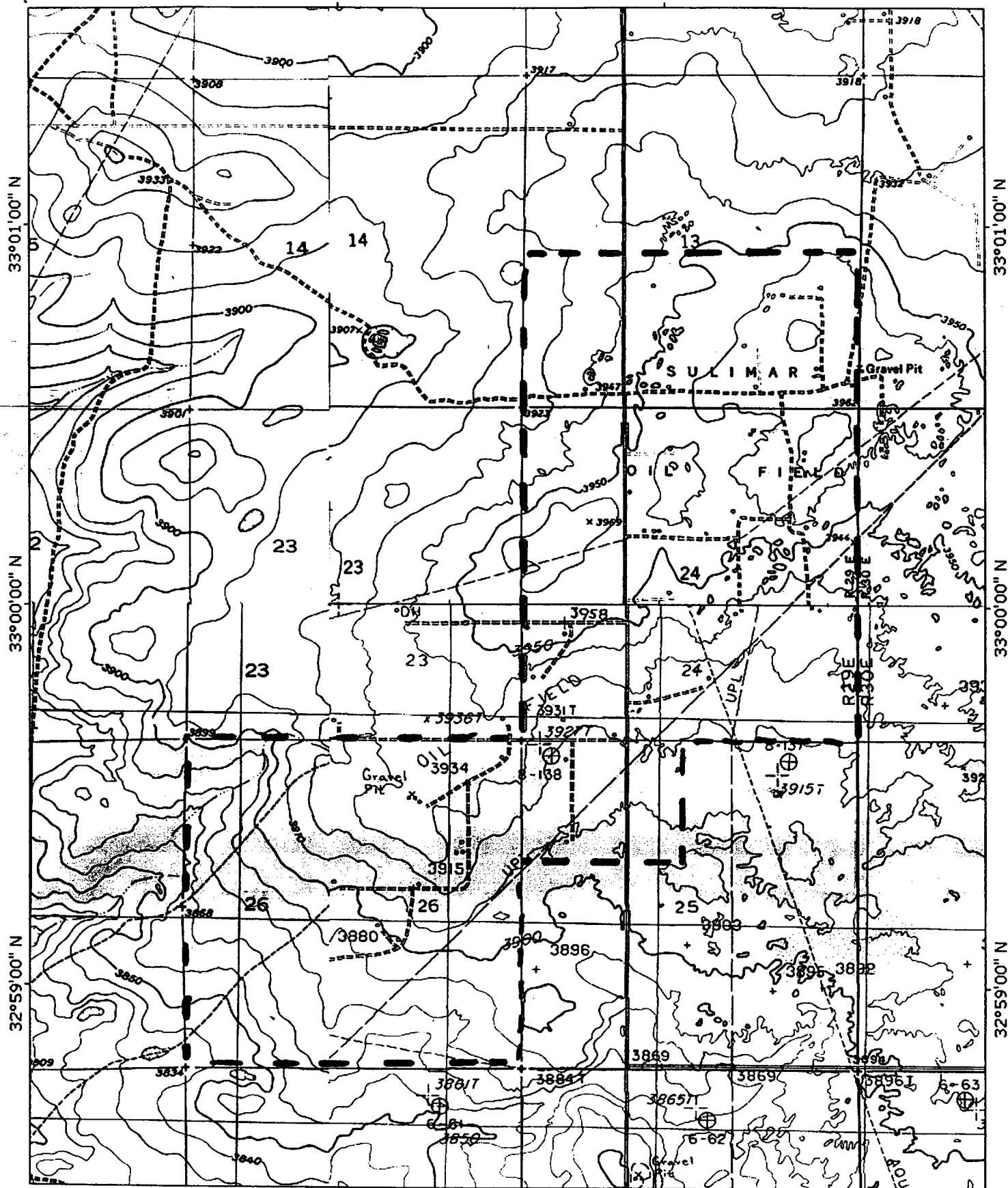
AFTER P&A OPTION B

PREPARED BY: _____ UPDATED _____



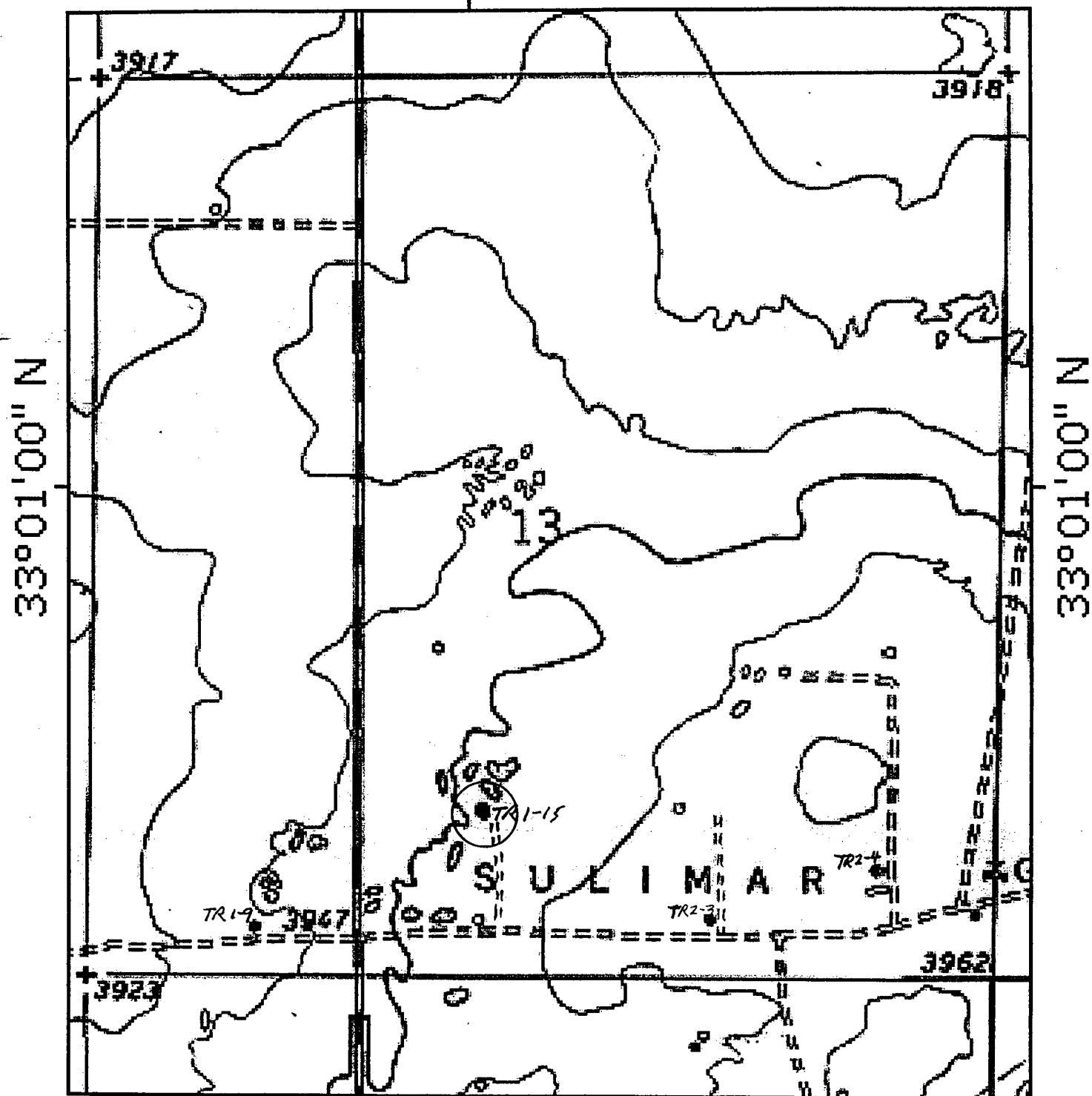
New Mexico Institute of Mining & Technology
Sulimar Queen Unit

Chaves County, New Mexico

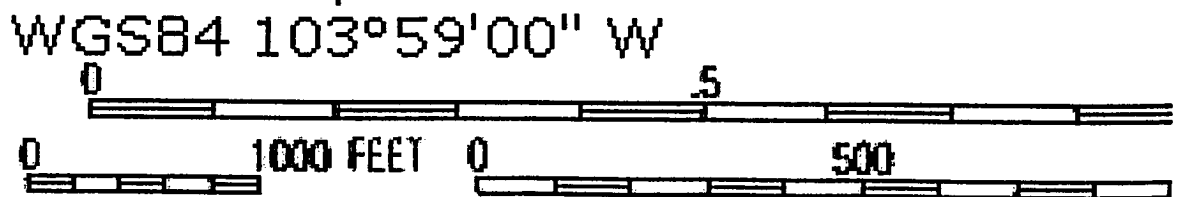


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Sulimar Queen Unit Tr.1 # 15

In Option A: Perforate 5½" at 1330' and squeeze the backside of the 5½" from 1330' to 1230' and leave 100' plug from 1330' to 1230' inside 5½".

At Step 4 of the plugging program perforate at 455' and circulate cement behind the 5½" to surface, continue with the rest of the procedures.

In Option B: Cut and pull 5½" at ±1330' 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.