

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue
Alameda, NM 88210

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-0518428
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) 330 FNL 660 FWL U/L D Sec 25 T15S R29E		8. Well Name and No. SULIMAR QUEEN UNIT TR 6 # 1
		9. API Well No. 30-005-60087
		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 @1940 on top of existing packer
- RIH tag cmt
- Option A
- Perf @ 440'
- Spot 100' plug (50' in & 50' out 8 5/8 shoe @ 385) 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 @ 390 + or -
- RIH spot 100' plug (50' in stub to 50' in 8 5/8 shoe @ 385) 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 05 2004

ALAMEDA

*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 10/21/04

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>A.L.</i>	Title <i>PE</i>	Date <i>11/2/04</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 172, 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)

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

WELLBORE SCHEMATIC AND HISTORY

		COMPLETION SCHEMATIC		OIL	APINUM: 30-005-60087	
					OPERATOR: New Mexico Institute of Mining & Technology	
					LEASENAME: SULIMAR QUEEN UNIT (Tr 6) WELL NO #001	
					LOCATION:	UL: D SEC: 25 TWN: 15S RNG: 29E
					330 FNL 660 FWL	
					TD 1996	PBD 1980 KB DF 3919
					GL	
					POOL	PERFS 1958-1970
					SULIMAR QUEEN	
					OPEN HOLE	
					POOL	PERFS
					OPEN HOLE	
					POOL	PERFS
					OPEN HOLE	
					POOL	PERFS
					OPEN HOLE	
					TEST (SHOW DATE)	
					9/15/69	OIL 12 GAS 0 WATER 284
					OIL GAS WATER	
					CASING BREAKDOWN	
					SIZE	DEPTH CMT HOLE SIZE TOC
					SURF.	8 5/8 385 50 SX 12 237 est
					INTER. 1	
					INTER. 2	
					PROD.	4 1/2 1996 150 SX 7 7/8 1386 est
					TUBING BREAKDOWN	
					SIZE	DEPTH PACKER
					Sep-69	2 3/8 1972
					12/31/71 Eue Tbg	2 3/8 HAL R-4 1941'
					HISTORY	
					8/25/69	Well Spudded
					9/14/69	Well Completed
					12/13/71	Well converted to WIW ran Halliburton R-4 pkr on 2 3/8 tbg Eue. PKR set @ 1941
					Jun-85	Well SI
					Sep-96	Well reclassified as SI Oil
					PREPARED BY:	
					UPDATED	

RUSTLER

TANSILL 1020
YATES 1221
7 RVRS
QUEEN 1956

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 237'
Est

8 5/8 @ 385'

Base Salt 1020'

YATES 1221'

TOC 1386'
Est

PKR
@ 1941'

QUEEN 1956'
PERFS
1958-1970

4 1/2 @ 1996'

PBD 1980
TD 1996

WELLBORE SCHEMATIC AND HISTORY

AFTER P&A OPTION A

COMPLETION SCHEMATIC		OIL	
		APINUM: 30-005-60087	
		OPERATOR: New Mexico Institute of Mining & Technology	
		LEASENAME: SULIMAR QUEEN UNIT (Tr 6) WELL NO #001	
		LOCATION: UL: D SEC: 25 TWN: 15S RNG: 29E	
		330 FNL 660 FWL	
		TD 1996 PBD 1980 KB DF 3919	
		GL	
		POOL PERFS 1958-1970	
		SULIMAR QUEEN OPEN HOLE	
		POOL PERFS	
		OPEN HOLE	
		POOL PERFS	
		OPEN HOLE	
		POOL PERFS	
		OPEN HOLE	
		TEST (SHOW DATE)	
		9/15/69 OIL 12 GAS 0 WATER 284	
		OIL GAS WATER	
		CASING BREAKDOWN	
		SIZE DEPTH CMT HOLE SIZE TOC	
		SURF. 8 5/8 385 50 SX 12 237 est	
		INTER. 1	
		INTER. 2	
		PROD. 4 1/2 1996 150 SX 7 7/8 1386 est	
		TUBING BREAKDOWN	
		SIZE DEPTH PACKER	
		Sep-69 2 3/8 1972	
		12/31/71 Eue Tbg 2 3/8 HAL. R-4 1941'	
		HISTORY	
		8/25/69 Well Spudded	
		9/14/69 Well Completed	
		12/13/71 Well converted to WIW ran Haliburton R-4 pkr on	
		2 3/8 tbg Eue. PKR set @ 1941	
		Jun-85 Well SI	
		Sep-96 Well reclassified as SI Oil	

RUSTLER		TOC 237' Est	
TANSILL	1020		
YATES	1221		
7 RVRS			
QUEEN	1956		
GRAYBURG			
SAN ANDRES	8 5/8 @ 385'		
GLORIETA			
PADDOCK			
BLINEBRY			
TUBB			
DRINKARD			
ABO			
DELAWARE			
BELL CANYON			
CHERRY CANY			
BRUSHY CANY			
BONE SPRING			
WOLFCAMP			
PENN			
CISCO			
CANYON	Base Salt 1020'		
STRAWN			
ATOKA			
MORROW			
MISS			
WOODFROD			
DEVONIAN	YATES 1221'		

RUSTLER

TANSILL 1020

YATES 1221

7 RVRS

QUEEN 1956

GRAYBURG

SAN ANDRES

GLORIETA

PADDOCK

BLINEBRY

TUBB

DRINKARD

ABO

DELAWARE

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BONE SPRING

WOLFCAMP

PENN

CISCO

CANYON

STRAWN

ATOKA

MORROW

MISS

WOODFROD

DEVONIAN

TOC 237'
Est

8 5/8 @ 385'

Base Salt 1020'

YATES 1221'

TOC 1386'
EstPKR
@ 1941'QUEEN 1956'
PERFS
1958-1970

4 1/2 @ 1996'

PBD 1980
TD 1996

PREPARED BY:

UPDATED

WELLBORE SCHEMATIC AND HISTORY

AFTER P&A OPTION B

		COMPLETION SCHEMATIC		OIL	APINUM: 30-005-60087						
					OPERATOR: New Mexico Institute of Mining & Technology						
					LEASENAME: SULIMAR QUEEN UNIT (Tr 6) WELL NO #001						
					LOCATION: UL: D SEC: 25		TWN: 15S		RNG: 29E		
					330 FNL		660 FWL				
					TD 1996		PBD 1980		KB		
							GL		DF 3919		
					POOL						
					SULIMAR QUEEN						
					PERFS 1958-1970						
					OPEN HOLE						
					POOL						
					PERFS						
					OPEN HOLE						
					POOL						
					PERFS						
					OPEN HOLE						
					POOL						
					PERFS						
					OPEN HOLE						
					TEST (SHOW DATE)						
					9/15/69 OIL 12 GAS 0 WATER 284						
					OIL GAS WATER						
					CASING BREAKDOWN						
					SIZE	DEPTH	CMT	HOLE SIZE	TOC		
					SURF.	8 5/8	385	50 SX	12	237 est	
					INTER. 1						
					INTER. 2						
					PROD.	4 1/2	1996	150 SX	7 7/8	1386 est	
					TUBING BREAKDOWN						
					SIZE	DEPTH	PACKER				
					Sep-69	2 3/8	1972				
					12/31/71 Eue Tbg	2 3/8		HAL R-4	1941'		
					HISTORY						
					8/25/69 Well Spudded						
					9/14/69 Well Completed						
					12/13/71 Well converted to WIW ran Halliburton R-4 pkr on						
					2 3/8 tbg Eue. PKR set @ 1941						
					Jun-85 Well SI						
					Sep-96 Well reclassified as SI Oil						
					PREPARED BY:						
					UPDATED						

RUSTLER

TANSILL 1020

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7 RVRS

QUEEN 1956

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BONE SPRING

WOLFCAMP

PENN

CISCO

CANYON

STRAWN

ATOKA

MORROW

MISS

WOODFROD

DEVONIAN

TOC 237'
Est

8 5/8 @ 385'

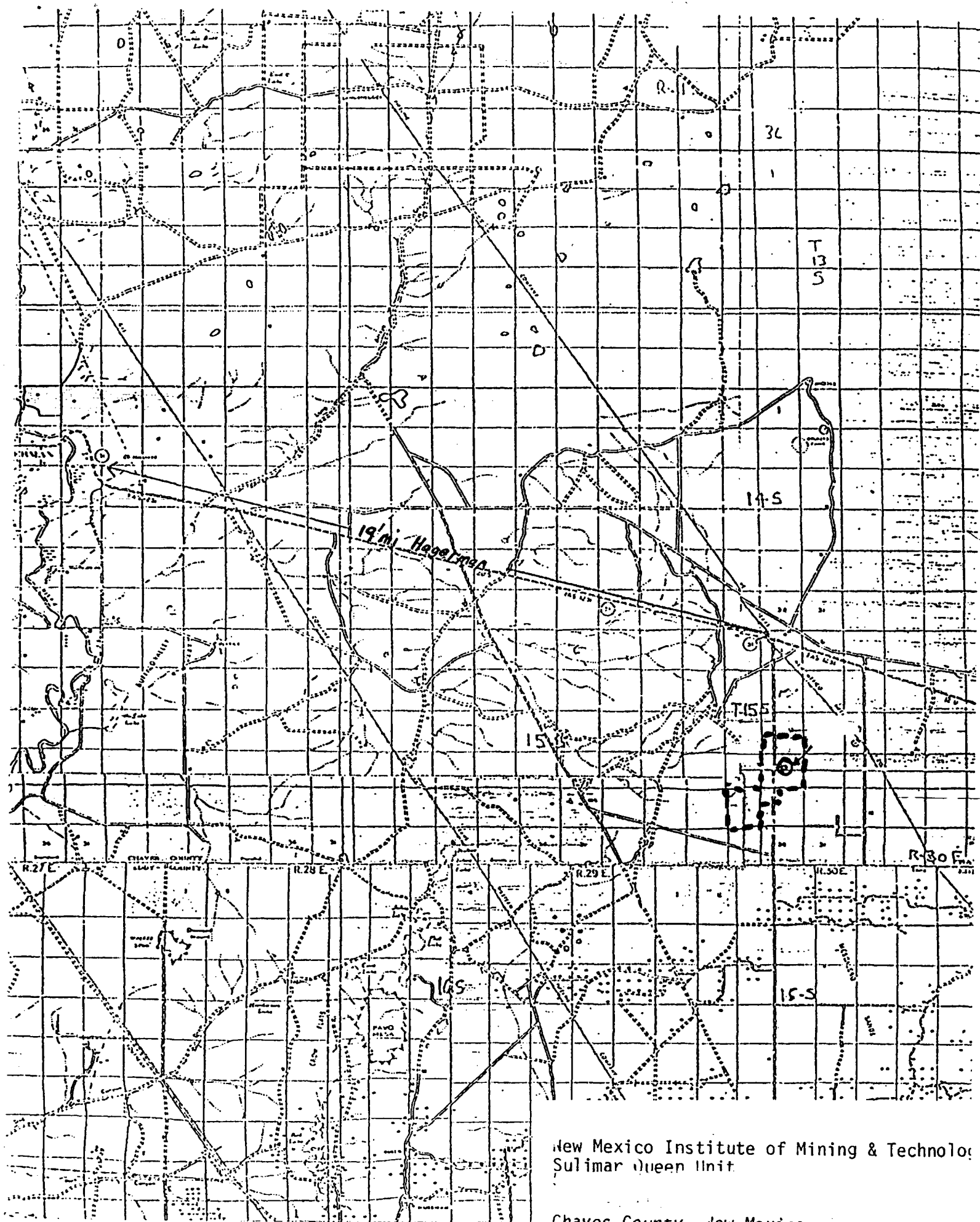
Base Salt 1020'

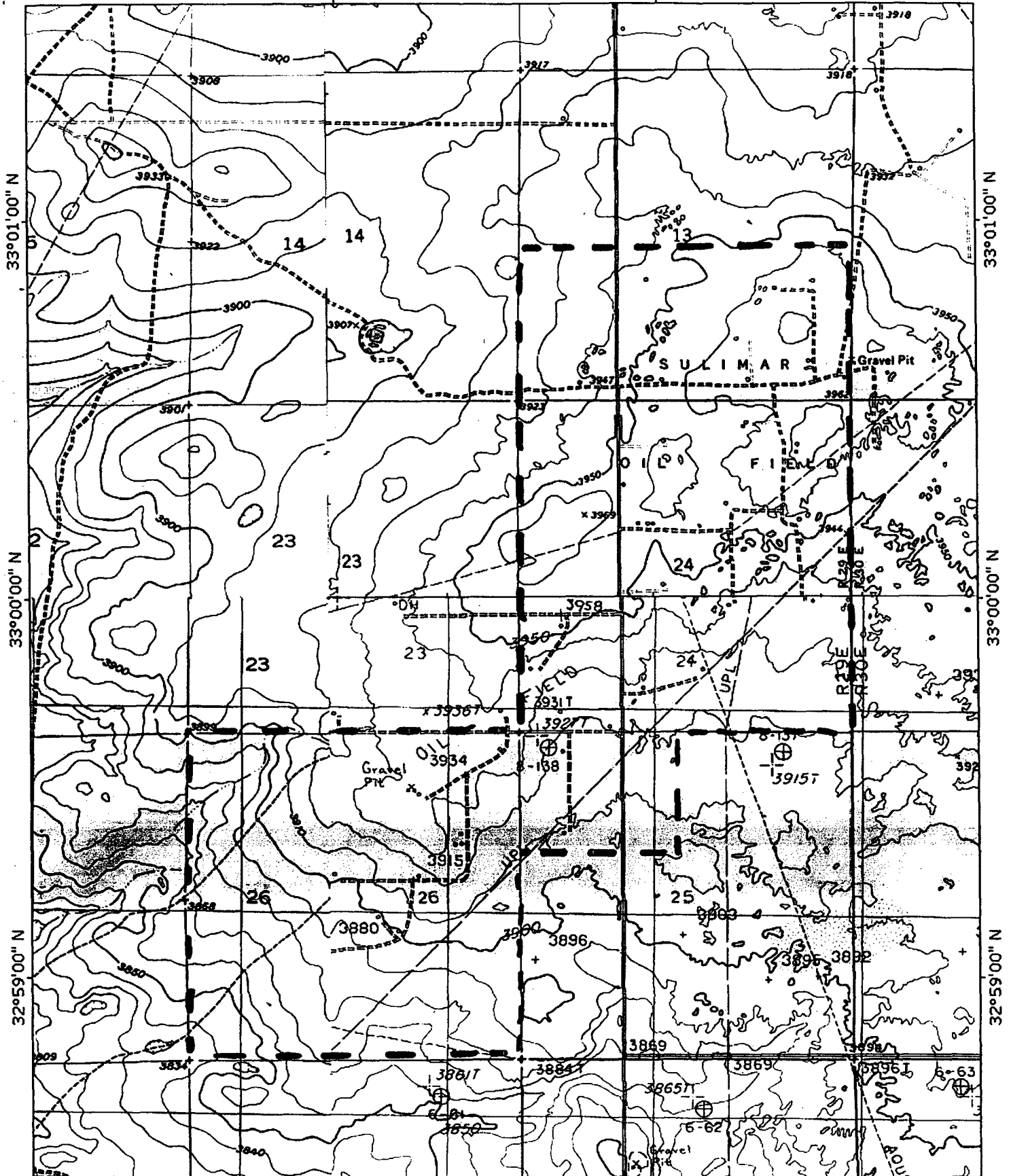
YATES 1221'

TOC 1386'
EstPKR
@ 1941'QUEEN 1956'
PERFS
1958-1970

4 1/2 @ 1996'

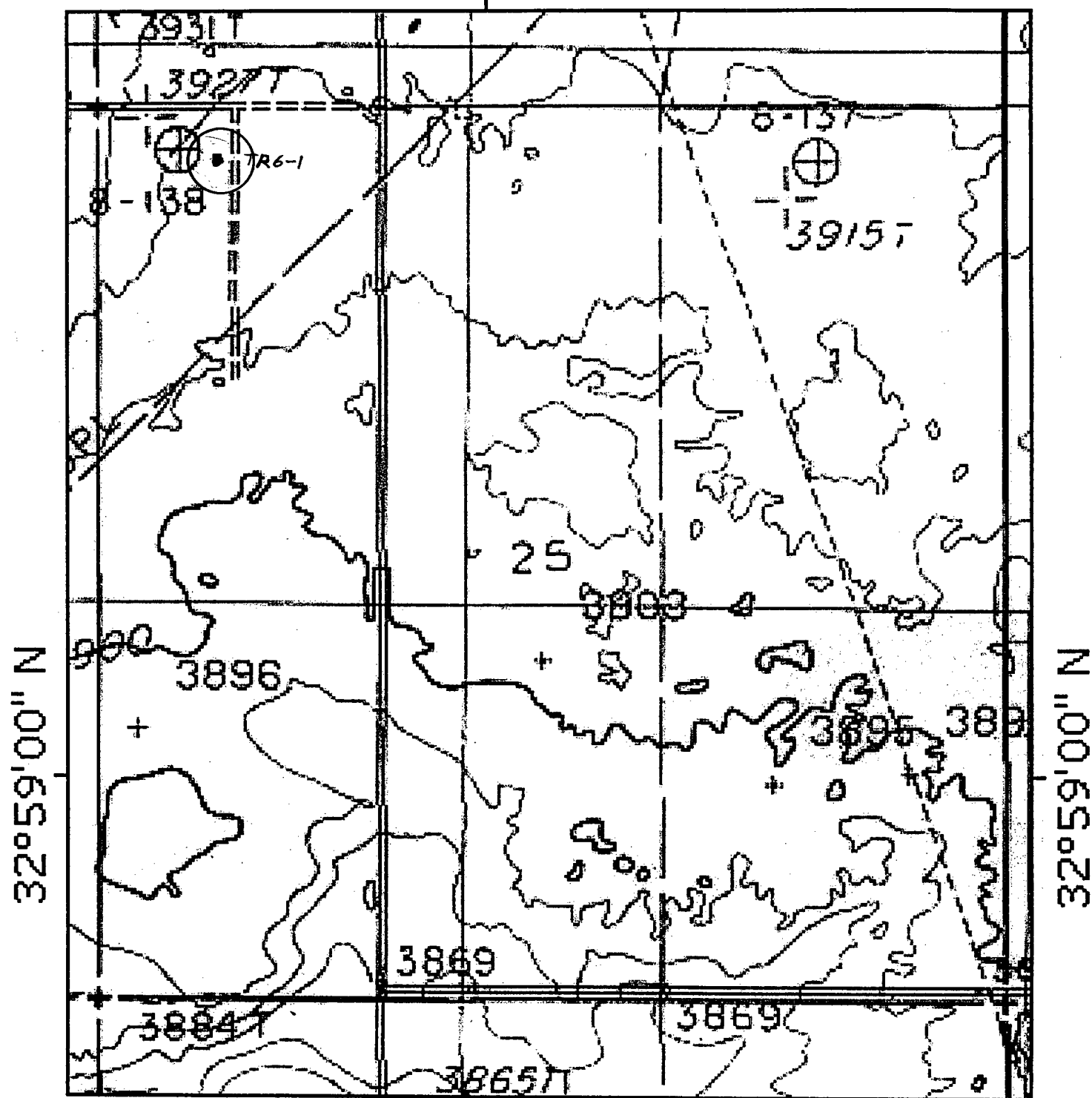
PBD 1980
TD 1996



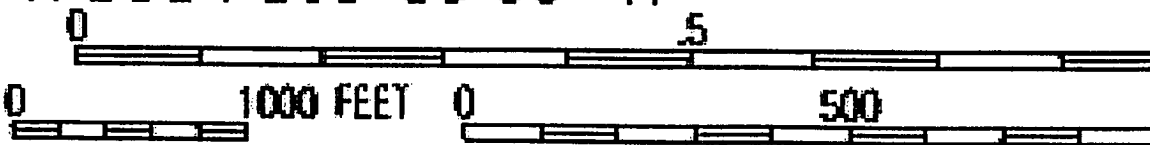


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Changes to Plug and Abandonment Procedures:

Sulimar Queen Unit Tr.6 # 1

In Option A: Perforate 4½" at 1275' and squeeze the backside of the 4½" from 1275' to 1175' and leave 100' plug from 1275' to 1175' inside 4½".

At Step 4 of the plugging program perforate at 440' and circulate cement behind the 4½" to surface.

In Option B: Cut and pull 4½" 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.

Perforate 8⅝" at 230' and circulate cement in backside of 8⅝" to surface then set surface plug.