

N.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Artesia, 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. LC0699280-C
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 FNL 1980 FEL U/L G Sec 24 T15S R29E		8. Well Name and No. SULIMAR QUEEN UNIT TR 3 # 2
		9. API Well No. 30-005-60064
		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 @1850 on top of existing packer
3. RIH tag cmnt
Option A
4. Perf @ 475'
5. Spot 100' plug (50' in & 50' out 8 5/8 shoe @ 421) 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 @ 425 + or -
5. RIH spot 100' plug (50' in stub to 50' in 8 5/8 shoe @ 421) 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

OGD-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

Eddie Seay

Date

10/24/04

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

ACE

Typed Name

ACE

Date

11/5/04

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)

WELLBORE SCHEMATIC AND HISTORY

		COMPLETION SCHEMATIC		OIL	
				APINUM: 30-005-60064	
				OPERATOR: New Mexico Institute of Mining & Technology	
				LEASENAME: SULIMAR QUEEN UNIT (Tr 3) WELL NO #002	
		LOCATION:		UL: G	SEC: 24
				TWN: 15S	RNG: 29E
				1650 FNL	
				1980 FEL	
		TD 2040		PBD 2034	KB
				GL	3935
		POOL		PERFS 1948-2002	
		SULIMAR QUEEN		OPEN HOLE	
		POOL		PERFS	
				OPEN HOLE	
		POOL		PERFS	
				OPEN HOLE	
		POOL		PERFS	
				OPEN HOLE	
		TEST (SHOW DATE)			
		2/19/69		OIL 120	GAS 0
				OIL	GAS
				WATER 0	
				WATER	
		CASING BREAKDOWN			
		SIZE	DEPTH	CMT	HOLE SIZE
		8 5/8	421	50 SX	12 3/4
		INTER. 1			
		INTER. 2			
		5 1/2	2035	150 SX	8
		PROD.			1400 est
		TUBING BREAKDOWN			
		SIZE	DEPTH	PACKER	
		2 3/8	1942		
		Feb-69			
		Jun-92		1850	

WELLBORE SCHEMATIC AND HISTORY

AFTER P&A OPTION A

COMPLETION SCHEMATIC		OIL		APINUM: 30-005-60064	
				OPERATOR: New Mexico Institute of Mining & Technology	
				LEASENAME: SULIMAR QUEEN UNIT (Tr 3) WELL NO #002	
				LOCATION: UL: G SEC: 24 TWN: 15S RNG: 29E	
				1650 FNL 1980 FEL	
				TD 2040 PBD 2034 KB DF	
				GL 3935	
				POOL PERFS 1948-2002	
				SULIMAR QUEEN OPEN HOLE	
				POOL PERFS	
				OPEN HOLE	
				POOL PERFS	
				OPEN HOLE	
				POOL PERFS	
				OPEN HOLE	
				TEST (SHOW DATE)	
				2/19/69 OIL 120 GAS 0 WATER 0	
				OIL GAS WATER	
				CASING BREAKDOWN	
				SIZE DEPTH CMT HOLE SIZE TOC	
				SURF. 8 5/8 421 50 SX 12 3/4 304 est	
				INTER. 1	
				INTER. 2	
				PROD. 5 1/2 2035 150 SX 8 1400 est	
				TUBING BREAKDOWN	
				SIZE DEPTH PACKER	
				Feb-69 2 3/8 1942	
				Jun-92	1850
				HISTORY	
				1/26/69 Well Spudded	
				2/19/69 Well Completed	
				Well SI	
				6/29/92 MIT. SET PKR @ 1850. TESTED CASING TO 500 PSI	
				FOR 30 MIN. WITNESSED BY GARY WILLIAMS - OCD	
				Apr-97 Pumping unit removed	

RUSTLER 398
Top Salt 418

TANSILL 1056
YATES 1256
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

TOC 304'
Est

Rustler 398'
Top Salt 418'
8 5/8 @ 421'

Base Salt 1056'

YATES 1256'

TOC 1400'
Est

PKR
@ 1850'

QUEEN
PERFS
1948-2002

5 1/2 @ 2035'

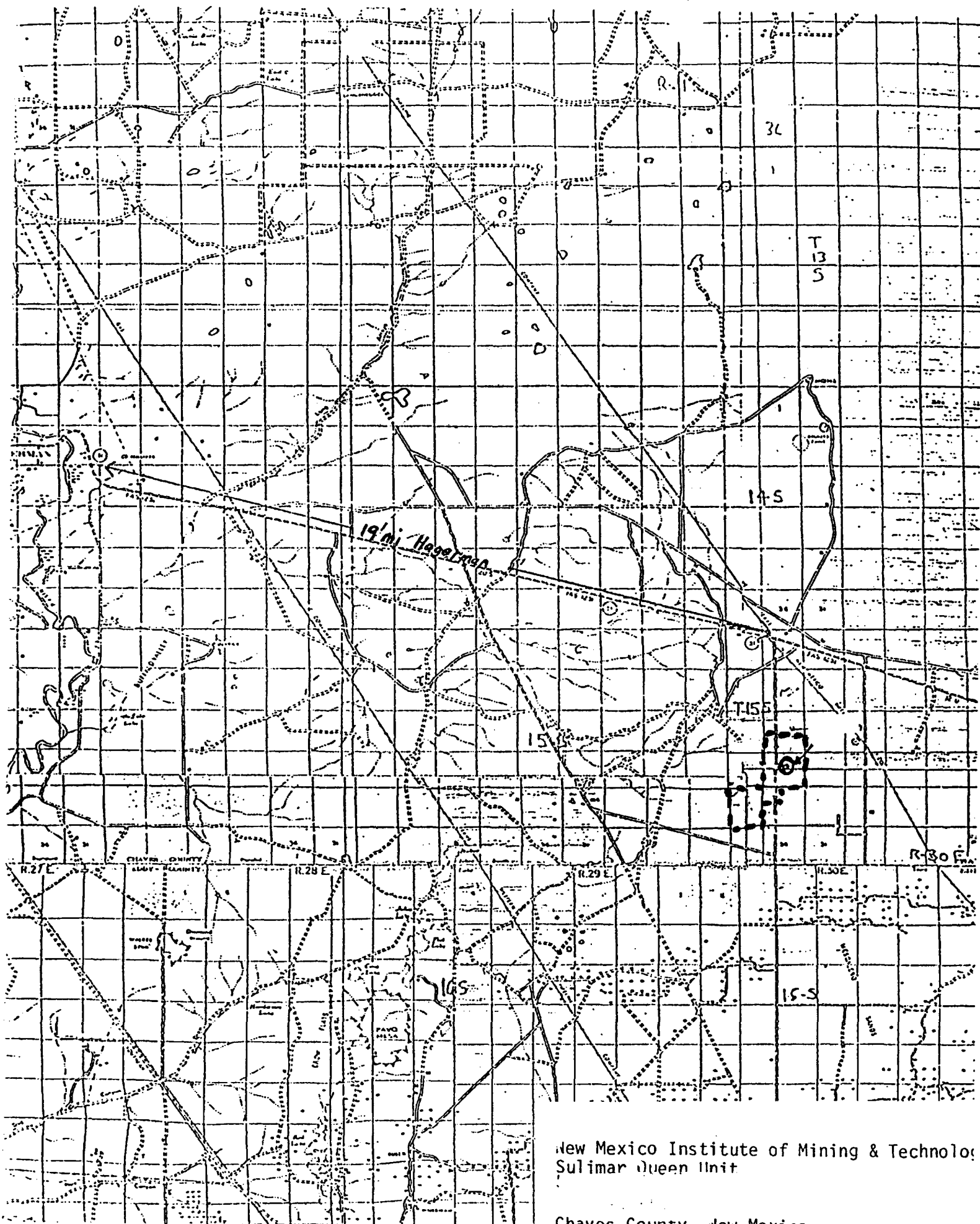
PBD 2034'
TD 2040'

PREPARED BY:

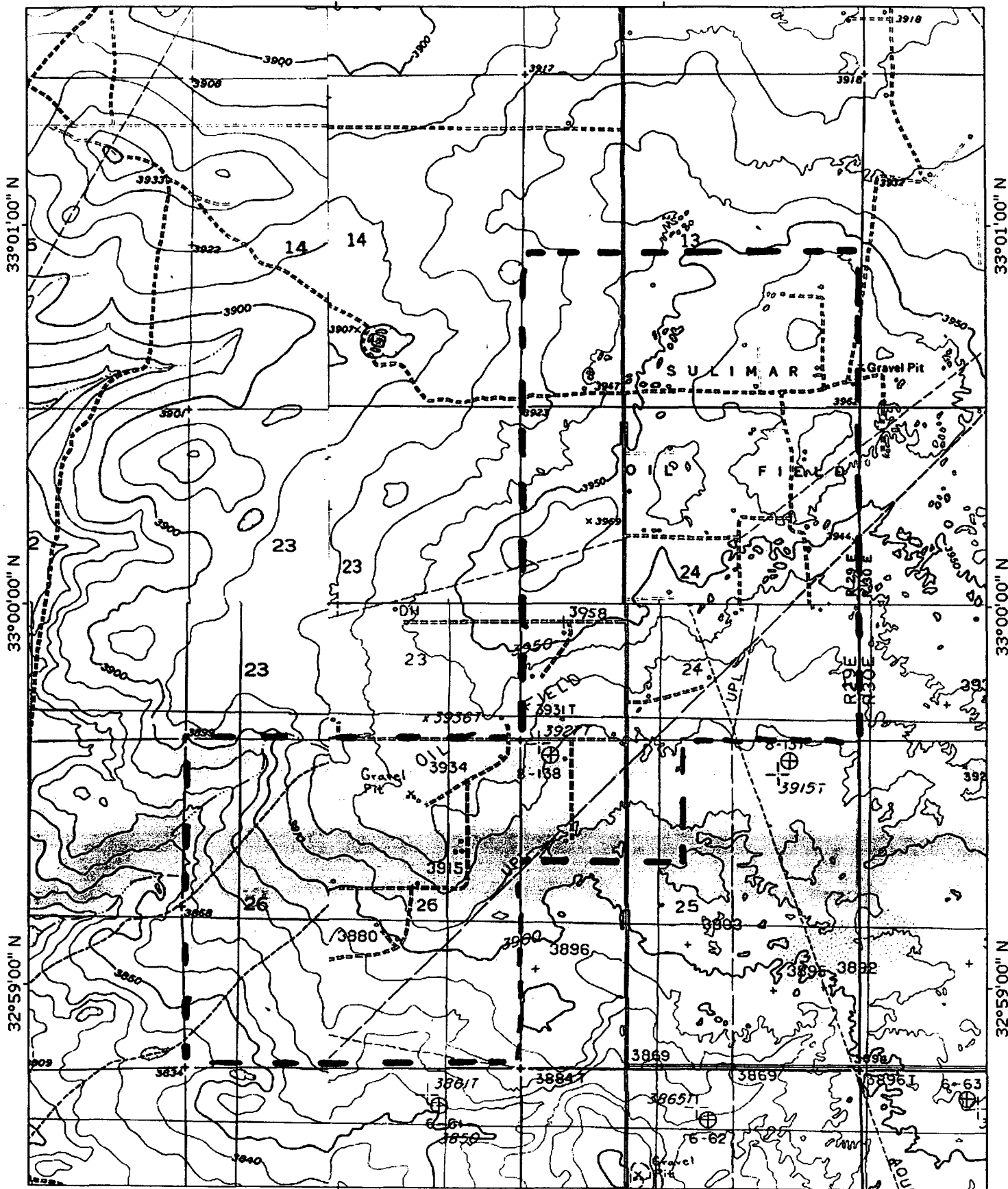
UPDATED

AFTER P&A OPTION B

		COMPLETION SCHEMATIC		OIL	
				APINUM: 30-005-60064	
				OPERATOR: New Mexico Institute of Mining & Technology	
				LEASENAME: SULIMAR QUEEN UNIT (Tr 3) WELL NO #002	
				LOCATION: UL: G SEC: 24 TWN: 15S RNG: 29E	
				1650 FNL 1980 FEL	
				TD 2040 PBD 2034 KB DF	
				GL 3935	
				POOL SULIMAR QUEEN PERFS 1948-2002	
				OPEN HOLE	
				POOL PERFS	
				OPEN HOLE	
				POOL PERFS	
				OPEN HOLE	
				POOL PERFS	
				OPEN HOLE	
				TEST (SHOW DATE)	
				2/19/69 OIL 120 GAS 0 WATER 0	
				OIL GAS WATER	
				CASING BREAKDOWN	
				SIZE DEPTH CMT HOLE SIZE TOC	
				SURF. 8 5/8 421 50 SX 12 3/4 304 est	
				INTER. 1	
				INTER. 2	
				PROD. 5 1/2 2035 150 SX 8 1400 est	
				TUBING BREAKDOWN	
				SIZE DEPTH PACKER	
				Feb-69 2 3/8 1942	
				Jun-92 1850	
				HISTORY	
				1/26/69 Well Spudded	
				2/19/69 Well Completed	
				Well SI	
				6/29/92 MIT. SET PKR @ 1850. TESTED CASING TO 500 PSI	
				FOR 30 MIN. WITNESSED BY GARY WILLIAMS - OCD	
				Apr-97 Pumping unit removed	



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104°00'00" W WGS84 103°59'00" W



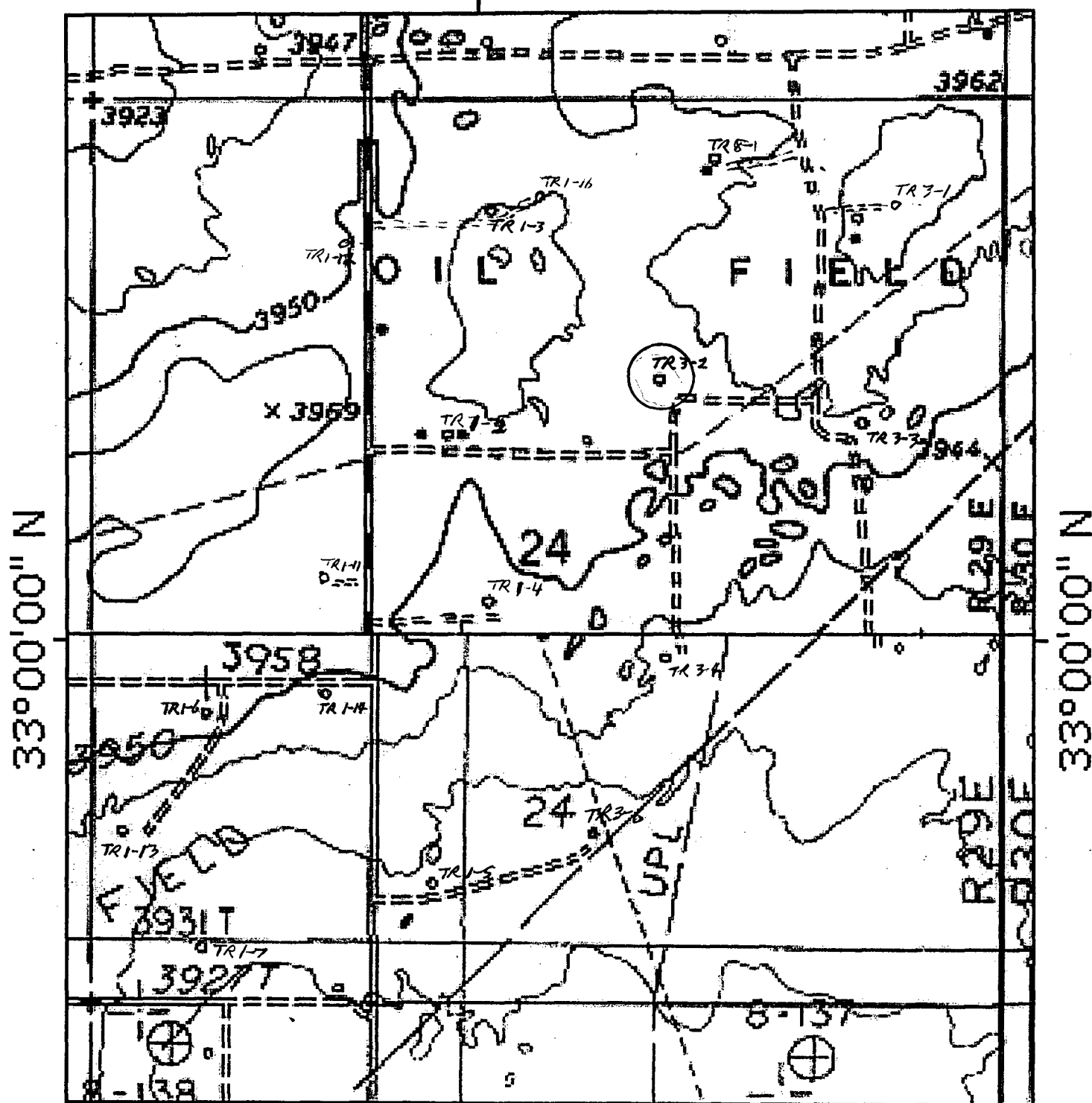
TMN
9°

104°00'00" W WGS84 103°59'00" W

0 1000 FEET 0 500 1000 METERS

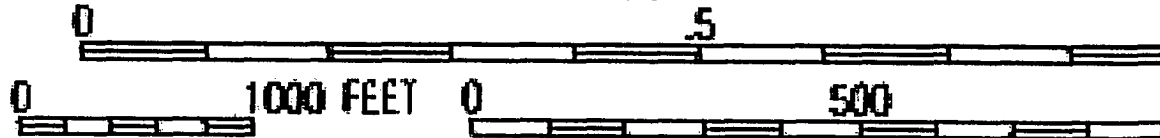
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TN * MN
9°

WGS84 103°59'00" W



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Sulimar Queen Unit Tr.3 # 2

In Option A: Perforate 5½" at 1300' and squeeze the backside of the 5½" from 1300' to 1200' and leave 100' plug from 1300' to 1200' inside 5½".

At Step 4 of the plugging program perforate at 475' and at 295' 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 ±1300' 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 295' and circulate cement backside of 8⅝" to surface.