Sent to NMOCD 7/3/00

N.M. Oil C[illegible]s. Division
1625 N. French Dr.
Hobbs, NM 88240

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
LC-032450B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
Courtland Myers "B" No. 1

2. Name of Operator
Doyle Hartman

9. API Well No.
30-025-25746

3. Address and Telephone No.
500 N. Main St., Midland, Texas 79702 (915) 684-4011

10. Field and Pool, or Exploratory Area
Langlie Mattix

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980' FSL and 1830' FWL (K)
Section 15, T-24-S, R-37-E

11. County or Parish, State
Lea County, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other	☒ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinet details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markders and zones pertinent to this work.)*

1.) The Courtland Myers "B" No. 1 produces water out of the Penrose Queen formation.

2.) Produces an average of 7 bbls. per/day.

3.) Water analyst attached.

4.) Water is stored in a 300 bbl. fiberglass tank.

5.) Water is piped to Rice Operating Co., Justis Salt Water Disposal System.

6.) A. Rice Operating Co., Justis Salt Water Disposal System.
B. Justis
C. SWDW No. B-12
D. NW/4 NE/4, Section 12, T-25-S, R-37-E

7.) NMOCD Order SWD #179

RECEIVED
2000 JUN 30 P 1:22
BUREAU OF LAND MGMT.
ROSWELL, NEW MEXICO

14. I hereby certify that the foregoing is true and correct

Signed Tricia Barnes Title Tricia Barnes, Production Analyst Date 06/29/00

(This space for Federal or State office use)

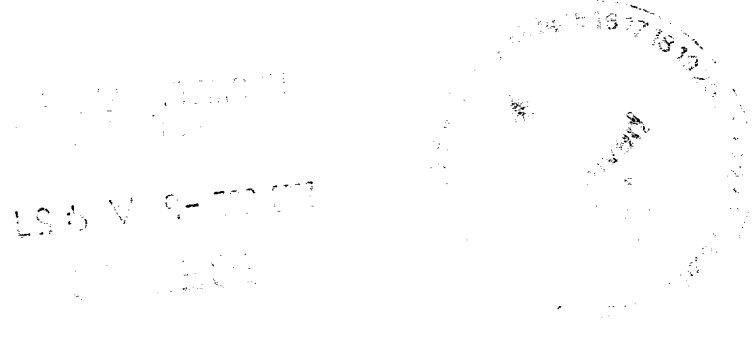
Approved by (ORIG. SGD.) DAVID R. GLASS Title PETROLEUM ENGINEER Date JUL 07 2000

Conditions of approval, if any:

SEE ATTACHED FOR CONDITIONS OF APPROVAL

Title 18 U.S.C. Section 1001, makes 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.

*See Instruction on Reverse Side



ARTIN WATER LABORATORIES, IN

P.O. Box 1468 Phone 943-3234 or 563-1040
Monahans, Texas 79756

709 W. Indiana Phone 683-4521
Midland, Texas 79701

RESULT OF WATER ANALYSES

TO: Mr. Don Mashburn
P. O. Box 10426, Midland, TX 79702

LABORATORY NO. 1196187
SAMPLE RECEIVED 11-27-96
RESULTS REPORTED 11-27-96

API WATER ANALYSIS REPORT FORM

Company	Sample No.	Date Sampled
Doyle Hartman, Oil Operators		11-26-96

Field	Legal Description	County or Parish	State
Langlie-Mattix		Lea	NM

Lease or Unit	Well	Depth	Formation	Water, B/D
Cortland Myers	#1		Penrose Queen	

Type of Water (Produced, Supply, etc.)	Sampling Point	Sampled By
Produced		

DISSOLVED SOLIDS

CATIONS	*mg/l*	*me/l*
Sodium, Na (calc.)	36,503	1,587.1
Calcium, Ca	1,120	56.0
Magnesium, Mg	6,221	512.0
Barium, Ba		

ANIONS			
Chloride, Cl	69,599	1,962.7	X100
Sulfate, SO_4	8,777	182.6	X100
Carbonate, CO_3	0	0.0	X100
Bicarbonate, HCO_3	598	9.8	X 1

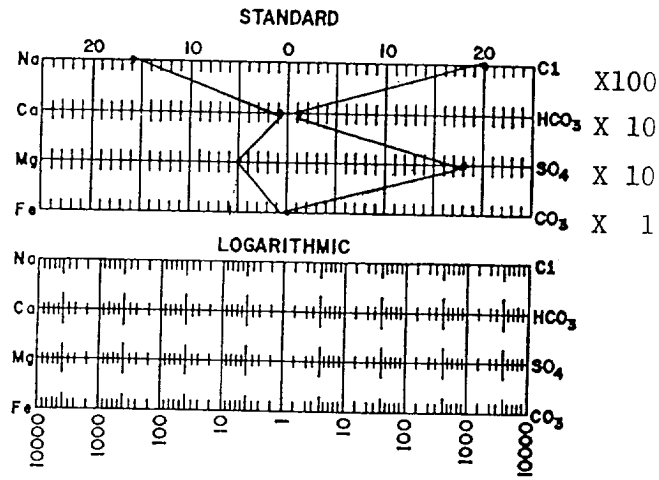
Total Dissolved Solids (calc.) 122,817

Iron, Fe (total)	23.6	0.9
Sulfide, as H_2S	0.0	

OTHER PROPERTIES

pH	7.58
Specific Gravity, 60/60 F.	1.0859
Resistivity (ohm-meters) 77° F.	0.081
Total Hardness, as $CaCO_3$	28,400

WATER PATTERNS — *me/l*



REMARKS & RECOMMENDATIONS: In comparing this water with that from this well reported on laboratory #1096258 (10-29-96), we see a lower calcium and a higher sulfate. We had encountered some of the higher calcium as a result of spent acid on the previous analysis. This water now correlates reasonably well with what we would expect from Penrose Queen except it does have a somewhat higher sulfate than we would expect from this zone.

copy to DH 11-27-96

DOYLE HARTMAN OIL OPERATOR RECEIVED
DEC 2 1996

Waylan C. Martin, M.A.