New Mexico Oil Conservation Division, District I
1625 N. French Dr.
Hobbs, NM 88240

Sent to KDO 6/21/02

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

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

5. Lease Serial No.: NMNM12611
6. If Indian, Allottee or Tribe Name:
7. If Unit or CA/Agreement, Name and/or No.:
8. Well Name and No.: Myers "B" 8
9. API Well No.: 30-025-34768
10. Field and Pool, or Exploratory Area: Jalmat Tansil-Yates-7 R Gas
11. County or Parish, State: Lea, NM

1. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other
2. Name of Operator: Gruy Petroleum Management Co.
3a. Address: P.O. Box 140907 Irving, TX 75014-0907
3b. Phone No. *(include area code)*: 972-401-3111
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: 2260 FNL & 2310' FEL; Sec. 11 T24S R36E

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 recomplete 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 recompletion 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.)

Gruy Petroleum Management respectfully requests approval to dispose of produced water from the above lease per attached Water Production & Disposal Information.

APPROVED
JUN 25 2002
GARY GOURLEY
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*: Zeno Farris
Title: Manager, Operations Administration
Signature: Zeno Farris
Date: June 14, 2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
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	

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.

(Instructions on reverse)

GWW

Attn: Yeno Farris

Water Production & disposal Information

In order to process your disposal request, the following information must be completed:

1. Name of formations producing water on the lease. TANSIL-YATES-7R

2. Amount of water produced from all formations in barrels per day. 85

3. Attach a current water analysis of produced water from all zones showing at least the total dissolved solids, ph, and the concentrations of chlorides and sulfates. (one sample will suffice if the water is commingled)

4. How water is stored on the lease. WATER TANK

5. How water is moved to the disposal facility. PUMPED

6. Identify the Disposal Facility by :

   A. Facility operators name. GRUY PETROLEUM MANAGEMENT CO.

   B. Name of facility or well name & number. MEYERS "C" 2 SWD

   C. Type of facility or well (WDW)(WIW) etc. WDW

   D. Location by 1/4 1/4 NE/4 NW/4 section 22 township 24S range 36E

7. Attach a copy of the State issued permit for the Disposal Facility.

Submit to this office, **414 West Taylor, Hobbs, NM 88240,** the above required information on a Sundry Notice 3160-5. Submit 1 original and 5 copies, within the required time frame. (This form may be used as an attachment to the Sundry Notice.) Call me at 505-393-3612 if you need to further discuss this matter.

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 3961
Order No. R-3605

APPLICATION OF TEXAS PACIFIC OIL
COMPANY FOR SALT WATER DISPOSAL,
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 8:30 a.m. on November 20, 1968, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 27th day of November, 1968, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Texas Pacific Oil Company, is the owner and operator of the Meyers "C" Well No. 2, located in Unit C of Section 22, Township 24 South, Range 36 East, NMPM, Jalmat Pool, Lea County, New Mexico.

(3) That the applicant proposes to utilize said well to dispose of produced salt water into the Yates-Seven Rivers formations, with injection into the open-hole interval from approximately 3476 feet to 3510 feet.

(4) That the injection should be accomplished through 2 7/8-inch tubing installed in a packer set at approximately 3375 feet; that the casing-tubing annulus should be filled with an inert fluid; and that a pressure gauge should be attached to the annulus at the surface in order to determine leakage in the casing, tubing, or packer.

(5) That the produced salt water should be continuously treated prior to injection to prevent casing and tubing corrosion

and coupon tests should be conducted continuously on said well and the results thereof filed quarterly with the Commission until further notice from the Secretary-Director of the Commission.

(6) That approval of the subject application will prevent the drilling of unnecessary wells and otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Texas Pacific Oil Company, is hereby authorized to utilize its Meyers "C" Well No. 2, located in Unit C of Section 22, Township 24 South, Range 36 East, NMPM, Jalmat Pool, Lea County, New Mexico, to dispose of produced salt water into the Yates-Seven Rivers formations, injection to be accomplished through 2 7/8-inch tubing installed in a packer set at approximately 3375 feet, with injection into the open-hole interval from approximately 3476 feet to 3510 feet;

PROVIDED HOWEVER, that the produced salt water shall be continuously treated prior to injection to prevent casing and tubing corrosion and coupon corrosion tests shall be conducted continuously on said well and the results filed quarterly with the Commission until further notice from the Secretary-Director of the Commission; that the casing-tubing annulus shall be filled with an inert fluid; and that a pressure gauge shall be attached to the annulus at the surface in order to determine leakage in the casing, tubing, or packer.

(2) That the applicant shall submit monthly reports of its disposal operations in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

GUYTON B. HAYS, Member

S E A L

A. L. PORTER, Jr., Member & Secretary

csr/

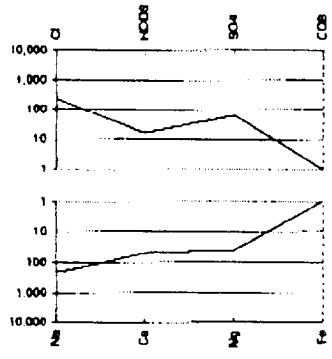
CAPITAN CHEMICAL
WATER ANALYSIS REPORT

Company : GRUY
Lease Name : MYERS B
Well Number : #8
Location :

Date Sampled : 5/31/01
Capitan Rep. : J. HUGHES
Company Rep. :

ANALYSIS						
1. pH	7.23					
2. Specific Gravity @ 60/60 F.	1.015					
3. CaCO3 Saturation Index @ 80 F.	+0.749	'Calcium Carbonate Scale Possible'				
@ 140 F.	+1.629	'Calcium Carbonate Scale Possible'				
Dissolved Gasses						
4. Hydrogen Sulfide	100	PPM				
5. Carbon Dioxide	80	PPM				
6. Dissolved Oxygen	Not Determined					
Cations	mg/L	/	Eq. Wt.	=	MEQ/L	
7. Calcium (Ca++)	1,000	/	20.1	=	49.75	
8. Magnesium (Mg++)	486	/	12.2	=	39.84	
9. Sodium (Na+) Calculated	4,976	/	23.0	=	216.33	
10. Barium (Ba++)	Not Determined	/	68.7	=	0.00	
Anions						
11. Hydroxyl (OH-)	0	/	17.0	=	0.00	
12. Carbonate (CO3=)	0	/	30.0	=	0.00	
13. Bicarbonate (HCO3-)	1,015	/	61.1	=	16.61	
14. Sulfate (SO4=)	3,121	/	48.8	=	63.95	
15. Chloride (Cl-)	8,000	/	35.5	=	225.35	
Other						
16. Soluble Iron (Fe)	0	/	18.2	=	0.00	
17. Total Dissolved Solids	18,598					
18. Total Hardness As CaCO3	4,500					
19. Calcium Sulfate Solubility @ 90 F.	3,371					
20. Resistivity (Measured)	0.850	Ohm/Meters		@ 84	Degrees (F)	

Logarithmic Water Pattern



PROBABLE MINERAL COMPOSITION

COMPOUND	Eq. Wt.	X	MEQ/L	=	mg/L
Ca(HCO3)2	81.04	X	16.61	=	1,346
CaSO4	68.07	X	33.14	=	2,256
CaCl2	55.50	X	0.00	=	0
Mg(HCO3)2	73.17	X	0.00	=	0
MgSO4	60.19	X	30.82	=	1,855
MgCl2	47.62	X	9.02	=	430
NaHCO3	84.00	X	0.00	=	0
NaSO4	71.03	X	0.00	=	0
NaCl	58.46	X	216.33	=	12,647