

(JUNE 1990)

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division

1625 N. French Dr.

Hobbs, NM 88240

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

2. Name of Operator

Gruy Petroleum Management Co

3. Address and Telephone No.

P.O. Box 140907 Irving, Tx. 75014-0907 972-401-3111 (Don Aldridge)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

880' FEL &amp; 1980' FSL, Sec.30, Twp. 19S, Rge. 34 E, Lea Co. N.M.

5. Lease Designation and Serial No.

NMNM72450

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Mescalero 29 Com. 1

9. API Well No.

30-025-28283

10. Field and Pool, or Exploratory Area

Morrow

11. County or Parish, State

Lea, N.M.

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

## TYPE OF SUBMISSION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice

## TYPE OF ACTION

☐ Abandonment☐ Recompletion☐ Plugging Back☐ Casing Repair☐ Altering Casing☒ Other Request Disposal Approval☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-Off☐ Conversion to Injection☐ Dispose Water

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

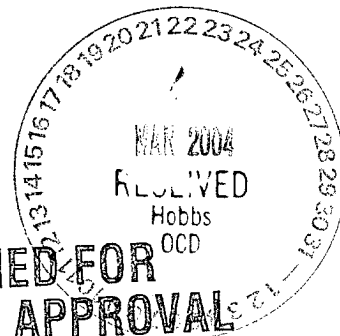
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If wells directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

Gruy Petroleum Mgt. Co. request disposal approval to the attached sheets.

Chamisa ( Gov. E )

Basin Alliance, LLC ( St. AJ # 1)

P&amp;W Resources LLC ( Kaiser St. 9 )

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

Signed

*Leggie Res Fer*

Title Production Supt.

Date

3-Mar-04

(This space for Federal or State office use)

Approved by

(ORIG. SGD.) DAVID R. GLASS

Title

Date

Conditions of approval, if any:

MAR 18 2004

or representations as to any matter within its jurisdiction.

DAVID R. GLASS  
PETROLEUM ENGINEER

Mesaero 29 Com. #1  
NMLC 068037

The following information is needed before your disposal of produced water can be approved, per Onshore Oil & Gas Order #7.

You may attach this information to your Sundry Notice (3160-5). Submit all required information as per this attachment, submit a Sundry Notice(3160-5), one original and five copies to this office within the required time.

1. Name(s) of all formation(s) producing water on the lease. Morrow
2. Amount of water produced from all formations in barrels per day. 53 BBLs
3. 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. See ATTACHED
4. How water is stored on the lease. Above Ground Storage TANK
5. How water is moved to the disposal facility. Trucked
6. Identify the Disposal Facility by:
  - A. Operators' Name \_\_\_\_\_
  - B. Well Name \_\_\_\_\_
  - C. Well type and well number \_\_\_\_\_
  - D. Location by quarter/quarter, section, township, and range \_\_\_\_\_  
See ATTACHED
7. A copy of the Underground Injection Control Permit - issued for the injection well by the Environmental Protection Agency or New Mexico Oil Conservation Division where the State has achieved primacy.

**CAPITAN CHEMICAL  
WATER ANALYSIS REPORT**

Company	Gruy Petroleum Management	Date Sampled	02/13/04
Lease Name	Mescalero 29	Capitan Rep.	Sam Seed
Well Number	1	Company Rep.	Reggie Reston
Location			

**ANALYSIS**

- |   |        |                                    |
|---|--------|------------------------------------|
| 1. pH   | 6.28   |                                    |
| 2. Specific Gravity @ 60/60 F.                | 1.031  |                                    |
| 3. CaCO <sub>3</sub> Saturation Index @ 80 F. | -0.835 |                                    |
| @ 140 F.                                      | +0.105 | 'Calcium Carbonate Scale Possible' |

**Dissolved Gases**

- |                     |                |     |
|---------------------|----------------|-----|
| 4. Hydrogen Sulfide | 0              | PPM |
| 5. Carbon Dioxide   | 90             | PPM |
| 6. Dissolved Oxygen | Not Determined |     |

**Cations**

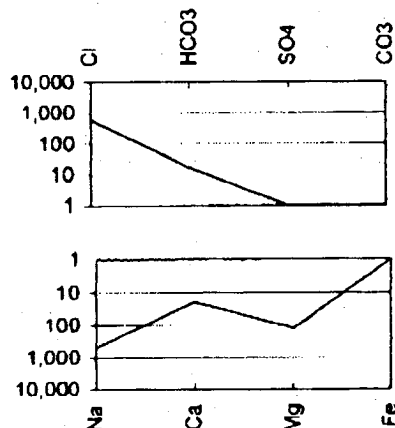
- |                            | mg/L           | / | Eq. Wt. | = | MEQ/L  |
|----------------------------|----------------|---|---------|---|--------|
| 7. Calcium (Ca++)          | 400            | / | 20.1    | = | 19.90  |
| 8. Magnesium (Mg++)        | 1,580          | / | 12.2    | = | 129.47 |
| 9. Sodium (Na+) Calculated | 11,209         | / | 23.0    | = | 487.33 |
| 10. Barium (Ba++)          | Not Determined | / | 68.7    | = | 0.00   |

**Anions**

- |                                      |        |   |      |   |        |
|--------------------------------------|--------|---|------|---|--------|
| 11. Hydroxyl (OH-)                   | 0      | / | 17.0 | = | 0.00   |
| 12. Carbonate (CO <sub>3</sub> =)    | 0      | / | 30.0 | = | 0.00   |
| 13. Bicarbonate (HCO <sub>3</sub> -) | 1,025  | / | 61.1 | = | 16.77  |
| 14. Sulfate (SO <sub>4</sub> =)      | 10     | / | 48.8 | = | 0.20   |
| 15. Chloride (Cl-)                   | 22,000 | / | 35.5 | = | 619.72 |

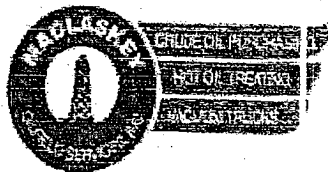
**Other**

- |   |        |            |      |             |      |
|---|--------|------------|------|-------------|------|
| 16. Soluble Iron (Fe)                   | 10     | /          | 18.2 | =           | 0.55 |
| 17. Total Dissolved Solids              | 38,223 |            |      |             |      |
| 18. Total Hardness As CaCO <sub>3</sub> | 7,500  |            |      |             |      |
| Calcium Sulfate Solubility @ 90 F.      | 4,437  |            |      |             |      |
| 20. Resistivity (Measured)              | 0.230  | Ohm/Meters | @ 65 | Degrees (F) |      |

**Logarithmic Water Pattern****PROBABLE MINERAL COMPOSITION**

COMPOUND	Eq. Wt.	X	MEQ/L	=	mg/L
Ca(HCO <sub>3</sub> ) <sub>2</sub>	81.04	X	16.77	=	1,359
CaSO <sub>4</sub>	68.07	X	0.20	=	14
CaCl <sub>2</sub>	55.50	X	2.92	=	162
Mg(HCO <sub>3</sub> ) <sub>2</sub>	73.17	X	0.00	=	0
MgSO <sub>4</sub>	60.19	X	0.00	=	0
MgCl <sub>2</sub>	47.62	X	129.47	=	6,165
NaHCO <sub>3</sub>	84.00	X	0.00	=	0
NaSO <sub>4</sub>	71.03	X	0.00	=	0
NaCl	58.46	X	487.33	=	28,489

## MACLASKEY OILFIELD SERVICES, INC.



P.O. BOX 580  
HOBBS, NM 88241

5900 W. CARLSBAD HWY  
PHONE: 505/393-1016  
FAX 505/393-1455

FAX: 394-0617 DATE: \_\_\_\_\_

TO: REGGIE RESTON TIME: \_\_\_\_\_

FROM: KEVIN

PAGE 1 OF 1 PAGES

COMMENTS: THIS IS ONE OF THE DISPOSALS WE USE.

BASIN ALLIANCE, LLC  
STATE AJ #1  
SWD Permit # 1190CD  
UIC# R8166  
SEC 33, T18S, R36E 2310' F1L, 2310' F6L  
LEA County, N.M.

[HOME](#) | [PETROLEUM DATA](#) | [NEWS](#) | [MARKETPLACE](#) | [SOFTWARE](#) | [LINKS](#) | [CONTACT](#)

[PTTC](#)  
[PRRC](#)  
[NM-TECH](#)  
[NMBGMR](#)



[NYMEX LS Crude](#) \$31.15  
[Navajo WTXI](#) \$28.00  
[Henry Hub](#) \$4.87  
Updated 11/12/2003

[GENERAL](#) | [COUNTY](#) | [OPERATOR](#) | [POOL](#) | [LOCATION](#) | [OCD LOG & WELL FILES](#)

**View Data**

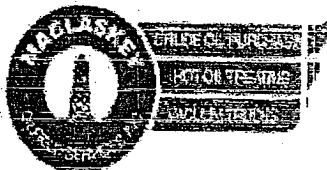
**No data for this well.**

**Well:** KAISER STATE **No.:** 009  
**Operator:** P & W RESOURCES LLC  
**API:** 3002502538 **Township:** 21.0S **Range:** 34E  
**Section:** 13 **Unit:** F  
**Land Type:** S **County:** Lea **Total Acreage:** Unknown  
**Number of Completion with Acreage:** Unknown  
**Accumulated:**  
**Oil:** 0 (BBLS) **Gas:** 0 (MCF)  
**Water:** 0 (BBLS) **Days Produced:** 0 (Days)

Page last updated 07/22/2003. Webmaster [gotech@prrc.nmt.edu](mailto:gotech@prrc.nmt.edu)

P/W RESOURCES, L.L.C.  
KAISER STATE #9  
SECTION 13 TOWNSHIP 21S RANGE 34E  
LEA COUNTY, NEW MEXICO  
API NO. 30-025-02538  
NMOCD ADMINISTRATIVE ORDER SWD-R3657  
CHART ON FILE WITH NEW MEXICO O.C.D.

## MACLASKEY OILFIELD SERVICES, INC.



P.O. BOX 580  
HOBBS, NM 88241

5900 W. CARLSBAD HWY  
PHONE: 505/393-1016

FAX 505/393-1455

FAX: 394-0617 DATE: \_\_\_\_\_

TO: REGGIE RESTON TIME: \_\_\_\_\_

FROM: KEVIN

PAGE 1 OF 1 PAGES

COMMENTS: THIS IS THE OTHER SWD USED FOR GRUVE LEASES

CHAMISA

GOVERNMENT E

SWD PERMIT # 559

SEC 25, T19S, R34E