

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Bureau No. 1004-0135
Expires: March 31, 1993
N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

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
ARCO Permian

3. Address and Telephone No.
P.O. Box 1089, Eunice, NM 88231

505-394-1649

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
H, 1880' FNL & 660' FEL
Sec. 26-T21S-R22E

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Bullseye Federal 1

9. API Well No.
30-015-28919

10. Field and Pool, or exploratory Area
Loafer Draw - Morrow

11. County or Parish, State
Eddy NM

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
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☒ Dispose Water

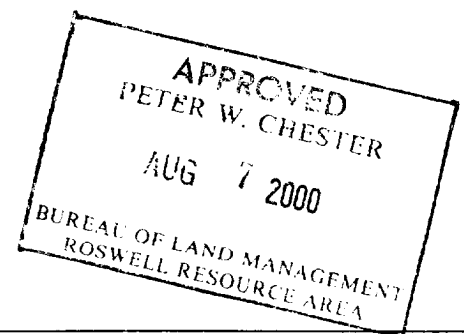
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

ARCO Permian requests permission to dispose of water from the following lease:
Bullseye Federal #1

The following information is furnished to handle, store or dispose of water produced from oil and gas operations on said federal leases as follows:

THIS LEASE DISPOSES WATER TO:
SWD SYSTEM: Mytle Myra SWD System
OPERATOR: Hughes Services
LOCATION OF DISPOSAL SITE: 100 FSL, 250' FWL, Sec. 9 T20S R37E
WATER IS TRUCKED TO SWD LOCATION.



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

Signed Peter W. Chester

Title Sr. Administrative Assistant

Date 08/01/00

(This space for Federal or State office use)

Approved by Record Only

Title

Date 8/29/2000

Conditions of approval, if any:

Water Analysis Report by Baker Petrolite

ARCO PERMIAN
BULLSEYE FEDERAL
WELL #1
BLEEDER

Account Manager
WAYNE PETERSON

Summary			Analysis of Sample 131889 @ 75°F					
Sampling Date	6/23/00		Anions	<i>mg/l</i>	<i>meq/l</i>	Cations	<i>mg/l</i>	<i>meq/l</i>
Analysis Date	7/11/00		Chloride	17599	496	Sodium	9165	399
Analyst	JOANNA RAGAN		Bicarbonate	0.00	0.00	Magnesium	239	19.7
			Carbonate	0.00	0.00	Calcium	1317	65.7
TDS (mg/l or g/m ³)	29071.7		Sulfate	146	3.04	Strontium	216	4.93
Density (g/cm ³ or tonne/m ³)	1.024		Phosphate	N/A	N/A	Barium	4.50	0.07
Anion/Cation Ratio	1.00		Borate	N/A	N/A	Iron	53.0	1.90
			Silicate	N/A	N/A	Potassium	332	8.49
Carbon Dioxide	230 PPM					Aluminum	N/A	N/A
Oxygen	0 PPM		Hydrogen Sulfide		3 PPM	Chromium	N/A	N/A
						Copper	N/A	N/A
SAMPLE IS TOO ACIDIC TO OBTAIN BICARB VALUE			pH at time of sampling		4.20	Lead	N/A	N/A
			pH at time of analysis			Manganese	N/A	N/A
			pH used in Calculations		4.20	Nickel	N/A	N/A

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000bbl										
Temp.	Gauge Press.	Calcite CaCO ₃		Gypsum CaSO ₄ · 2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		CO ₂ Press.
		Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0.	-7.52		-1.28		-1.34		-0.27		1.15	2.43	0.00
100	0.	-7.33		-1.30		-1.30		-0.26		0.99	2.35	0.00
120	0.	-7.17		-1.32		-1.23		-0.25		0.85	2.25	0.00
140	0.	-7.03		-1.32		-1.14		-0.23		0.74	2.13	0.00

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO₂ pressure is actually the calculated CO₂ fugacity. It is usually nearly the same as the CO₂ partial pressure.

Scale Predictions from Baker Petrolite

Analysis of Sample 131889 @ 75°F for ARCO PERMIAN, SAMPLE IS TOO ACIDIC TO, OBTAIN BICARB VALUE, Jul/11/00

