

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**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 TRIPPLICATE. Other instructions on the reverse side.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

COLEMAN OIL & GAS, INC.

3a. Address

PO DRAWER 3337

Farmington NM 87499-3337

3b. Phone No. (include area code)

(505) 327-0356

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

1845' FSL AND 745' FWL, SECTION 18, T26N, R11W

5. Lease Serial No.

NOO-C-14-20-5389

6. If Indian, Allottee, or Tribe Name

7. If Unit or CA. Agreement Designation

8. Well Name and No.

RICKY COM #2R

9. API Well No.

30-045-31166

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

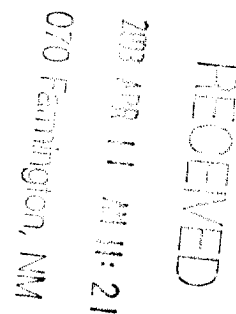
SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other SEE BELOW
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input checked="" type="checkbox"/> 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 recompleate horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will be performed or provide the Bond No. on file with the 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 recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

Coleman Oil & Gas, Inc., intends to dispose of produced water into the Cowsaround SWD #1 as per the conditions stated in the Department of the Interior Onshore Oil & Gas Order No. 7 for Off-Lease Water Disposol.



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

Name (Printed/ Typed)

WENDY ROGERS

Signature

Title

PRODUCTION ACCT.

Date

03-27-03

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 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make 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)

NMOCD

RICKY COM #2R  
NOO-C-14-20-5389

Onshore Order No. 7 and Title 43 CFR 3162.5-1.

RECEIVED

720 12 11 11 11: 21

070 (Carson, NM)

The above noted lease/well disposes water without approval. Onshore Order No. 7 and Title 43 CFR 3162.5-1, requires the following information be submitted in order to process water disposal requests.

1. Name of formations producing water on the lease. BASIN FRUITLAND COAL
2. Amount of water produced from all formations in barrels per day. 80 bbls per day
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.
4. How water is stored on the lease. TANK LINED RESERVE PIT. TANK WILL BE SET AT LATER DATE.
5. How water is moved to the disposal facility. TRUCK
6. Identify the Disposal Facility by:
  - a. Facility operators name. COLEMAN OIL & GAS, INC.
  - b. Name of facility or well name & number. COWSAROUND SWD #1
  - c. Type of facility or well (WDW)(WIW) etc. SWD
  - d. Location by 1/4 1/4 - section 16 township 26N range 12W
7. Attach a copy of the State issued permit for the Disposal Facility.

Submit to this office, the above required information on a Sundry Notice 3160-5. Submit 1 original and 2 copies. ( You may also complete this form and attach it to the Sundry Notice.)

BACK UP DISPOSALS: ELM RIDGE - CBU  
CARSON

BASIN DISPOSAL

NMOCD

Enclosure 1-1

RECEIVED

Analytical Laboratory Report for:

Coleman Oil

2003 APR 11 AM 11: 22

070 Farmington, NM

BJ Unichem  
Chemical Services

UNICHEM Representative: Tony Snow

## Production Water Analysis

Listed below please find water analysis report from: Rickys, 2R

Lab Test No: 2003109880

Sample Date:

03/04/2003

Specific Gravity: 1.022

TDS: 31464

pH: 6.64

Cations:	mg/L	as:
Calcium	367	(Ca <sup>++</sup> )
Magnesium	115	(Mg <sup>++</sup> )
Sodium	12221	(Na <sup>+</sup> )
Iron	42.58	(Fe <sup>++</sup> )
Barium	10.64	(Ba <sup>++</sup> )
Strontium	24.24	(Sr <sup>++</sup> )
Manganese	0.86	(Mn <sup>++</sup> )
Anions:	mg/L	as:
Bicarbonate	976	(HCO <sub>3</sub> <sup>-</sup> )
Sulfate	6	(SO <sub>4</sub> <sup>-</sup> )
Chloride	17700	(Cl <sup>-</sup> )
Gases:		
Carbon Dioxide	158	(CO <sub>2</sub> )
Hydrogen Sulfide	0	(H <sub>2</sub> S)

Coleman Oil

Lab Test No: 2003109880



**DownHole SAT™ Scale Prediction  
@ 100 deg. F**

Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO <sub>3</sub> )	1.38	.0991
Aragonite (CaCO <sub>3</sub> )	1.17	.0515
Witherite (BaCO <sub>3</sub> )	.0128	-14.39
Strontianite (SrCO <sub>3</sub> )	.188	-1.97
Magnesite (MgCO <sub>3</sub> )	.463	-.354
Anhydrite (CaSO <sub>4</sub> )	.00104	-737.97
Gypsum (CaSO <sub>4</sub> *2H <sub>2</sub> O)	.00123	-736.37
Barite (BaSO <sub>4</sub> )	.527	-1.79
Celestite (SrSO <sub>4</sub> )	.00117	-201.16
Silica (SiO <sub>2</sub> )	0	-54.28
Brucite (Mg(OH) <sub>2</sub> )	< 0.001	-1.17
Magnesium silicate	0	-116.74
Siderite (FeCO <sub>3</sub> )	318.08	.419
Halite (NaCl)	.00316	-182541
Thenardite (Na <sub>2</sub> SO <sub>4</sub> )	< 0.001	-62864
Iron sulfide (FeS)	0	-.00763

**Interpretation of DHSat Results:**

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.