

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
P.O. Box 1980
Hobbs, NM 88241

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

Burlington Resources Oil & Gas Company

3. Address and Telephone No.

P.O. Box 51810 Midland, TX 79710-1810

915-688-6943

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

Battery located in SE/NW of Sec. 8, T18S, R32E, Lea County, New Mexico

5. Lease Designation and Serial No.

NM18232

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal AM
Lease

9. API Well No.

10. Field and Pool, or exploratory Area

North Young Bone Spring

11. County or Parish, State

Lea

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 Water Disposal

☐ 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.)*

Please see attached data information sheet.

Note: Production including water from the Federal AF lease(NM040448) located in Sec. 8, T18S, R32E, Lea County, New Mexico is also sent to this battery.

RECEIVED

APR 30 '97

BLM
ROSWELL, NM

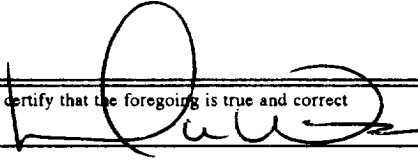
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BUREAU OF LAND MANAGEMENT
HOBBS, NM

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

Signed


ORIG. SGD: DAVID R. GLASS

Title Regulatory Compliance

Date 4/24/97

(This space for Federal or State office use)

Approved by

Title

PETROLEUM ENGINEER

Date

MAY 06 1997

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.

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. Bone Spring
2. Amount of water produced from all formations in barrels per day. Estimated 52 bbls of water per day (battery)
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. One (1) 500 bbl closed top tank
5. How water is moved to the disposal facility. trucked by Roland to the Mitchell lease in Sec. 16, T18S, R32E & then sent to the following
6. Identify the Disposal Facility by :
 - A. Facility operators name. Burlington Resources Oil & Gas Company
 - B. Name of facility or well name & number. West Corbin Federal SMD system
 - C. Type of facility or well (WDW)(WIW) etc. WDW (utilized for waterflood) purposes
 - D. Location by 1/4 1/4 SWSE section 7 township 18S range 33E
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.



Saturation Index Calculations
Champion Technologies, Inc.
 (Based on the Tomson-Oddo Model)

Site Information

Company	Burlington Resources
Field	Fed AM
Point	AF Batt.
Date	9/4/96

Water Analysis (mg/L)

Calcium	9,824
Magnesium	1,433
Barium	0
Strontium	0
Sodium*	72233
Bicarbonate Alkalinity	122
Sulfate	1,178
Chloride	132,000

Appended Data

Dissolved CO2	439 mg/L
Dissolved O2	N/A PPE
H2S	11 mg/L
Iron	32 mg/L
Specific Gravity	1.154 value
TDS	216888 mg/L
Total Hardness	30400 mg/L

* - Calculated Value

Physical Properties

Ionic Strength*	4.07
pH†	6.80
Temperature	86°F
Pressure	100 psia

* - Calculated Value † - Known/Specified Value

Calcite Calculation Information

Calculation Method	Value
pH	6.80
Bicarbonate Alkalinity Correction(s)	Value
None Used	---

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)	-0.02	N/A
Gypsum (Calcium Sulfate)	-0.05	N/A
Hemihydrate (Calcium Sulfate)	-0.08	N/A
Anhydrite (Calcium Sulfate)	0.06	65.6
Barite (Barium Sulfate)	N/A	N/A
Celestite (Strontium Sulfate)	N/A	N/A

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SI Results

Temperature (°F)	Calcite	Gypsum
96	-0.02	-0.05
96	0.08	-0.07
107	0.19	-0.10
117	0.29	-0.11
128	0.40	-0.13
138	0.50	-0.15
149	0.61	-0.17
159	0.71	-0.19
170	0.82	-0.20
180	0.92	-0.22

