

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

M. Oil Cons. Division

311 S. 1st Street
Artesia, NM 88210-2834

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

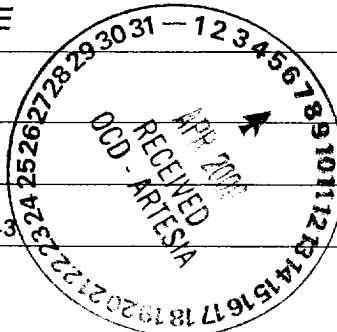
CONCHO RESOURCES INC.

3. Address and Telephone No.

110 W. LOUISIANA STE 410; MIDLAND, TX 79701 (915) 683-7443

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

1980' FSL & 660' FWL, SEC. 6, 20S, 28E.



5. Lease Designation and Serial No.

NMNM96212

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Angel "6" Federal #1

9. API Well No.

30015-29380

10. Field and Pool, or Exploratory Area

WC; Fadeway Cisco Canyon

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.)

Concho Resources Inc. respectfully requests approval for water disposal on the above federal lease. The following information is provided so that our method of disposal will be considered for approval.

Name of formation producing water on the lease: Cisco Canyon

Amount of water produced from the formation daily: 50 BWPD

Is water disposed into a pit? No.

How is water stored on lease: 500 bbl tank

How is water moved to disposal facility: truck

Operator of disposal system: Dakota Resources, Midland, Tx

Facility Name: Whistle Stop SWD

Legal Location: Sec. 8, T-21S, R-28E, Eddy Co., NM

NMOCD Permit Number: SWD 461

Operator of disposal system: Ray Westall Oper, Loco Hills, NM

Facility Name: Myrtle Myra SWD

Legal Location: Sec 32, T-21S, R-27E, Eddy Co., NM

NMOCD Permit Number: SWD 391

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signed

Title Production Analyst

Date 03/29/00

(This space for Federal or State office use)

Approved by (ORIG. SGD) ALEXIS C. SWOBODA
Conditions of approval, if any: PETROLEUM ENGINEER

PETROLEUM ENGINEER

Date

APR 05 2000

**MILLER CHEMICALS, INC.**

Post Office Box 288
Artesia, N.M. 88211-0288
(505) 748-1919 Artesia Office
(505) 393-2893 Hobbs Office
(505) 748-1918 Fax

WATER ANALYSIS REPORT

Company : CONCHO RESOURCES
Address :
Lease : ANGEL 6 FED.
Well : #1
Sample Pt. : WELLHEAD

Date : 11-17-99
Date Sampled : 11-17-99
Analysis No. :

ANALYSIS	mg/L	* meq/L
1. pH	7.2	
2. H ₂ S	2	
3. Specific Gravity	1.125	
4. Total Dissolved Solids	174279.4	
5. Suspended Solids	NR	
6. Dissolved Oxygen	NR	
7. Dissolved CO ₂	NR	
8. Oil In Water	NR	
9. Phenolphthalein Alkalinity (CaCO ₃)		
10. Methyl Orange Alkalinity (CaCO ₃)		
11. Bicarbonate	HCO ₃ 195.0	HCO ₃ 3.2
12. Chloride	Cl 102879.0	Cl 2902.1
13. Sulfate	SO ₄ 3750.0	SO ₄ 78.1
14. Calcium	Ca 4000.0	Ca 199.6
15. Magnesium	Mg 609.9	Mg 50.2
16. Sodium (calculated)	Na 62845.5	Na 2733.6
17. Iron	Fe 0.0	
18. Barium	Ba 0.0	
19. Strontium	Sr 0.0	
20. Total Hardness (CaCO ₃)	12500.0	

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter	Compound	Equiv wt X meq/L	= mg/L
200 *Ca <----- *HCO ₃ 3	Ca(HCO ₃) ₂	81.0	3.2
/----->	CaSO ₄	68.1	78.1
50 *Mg -----> *SO ₄ 78	CaCl ₂	55.5	118.3
<-----/	Mg(HCO ₃) ₂	73.2	
2734 *Na -----> *Cl 2902	MgSO ₄	60.2	
+-----+	MgCl ₂	47.6	50.2
Saturation Values Dist. Water 20 C	NaHCO ₃	84.0	
CaCO ₃ 13 mg/L	Na ₂ SO ₄	71.0	
CaSO ₄ + 2H ₂ O 2090 mg/L	NaCl	58.4	2733.6
BaSO ₄ 2.4 mg/L			159752

REMARKS:
