Form 3 160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM
98 MAR -5 PM 12:42
070 ALBUQUERQUE, N.M.

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 3 1 ,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

5. Lease Designation and Serial No.: Cont. 105

6. If Indian, Allonee or Tribe Name: Jicarilla

7. If Unit or CA, Agreement Designation:

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

8. Well Name and No.: Jicarilla A, Well # 9M

2. Name of Operator: CONOCO INC.

9. API Well No.: 30-039-25735

3. Address and Telephone No.: 10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

10. Field and Pool, or Exploratory Area: Basin Dakota/Blanco Mesaverde

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

2070' FSL & 2055' FWL, Sec. 14, T 25N, R 04W, Unit Ltr 'K'

11. County or Parish, State: Rio Arriba, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Repon	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracrunng
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other OO & GO #7 III.A	☐ Dispose Water

(Note: Reponresultsof multiplecompitiononWdl Completion or Recompletion Report and Log form.)

13. Describe Proposed or Compieted Operations (Clearly state ail 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.)*

RECEIVED
APR - 9 1998
OIL CON. DIV.
DIST. 3

Water Producing Formation:	Basin Dakota / Blanco Mesaverde
Amount of Water Produced:	13 bbl / day
Current Water Analysis Attached:	YES
How is Water Stored on Lease:	45 bbl Pit
How is Water Moved:	Truck
Disposal Facility Operator Name:	Conoco Inc
Disposal Facility Well Name / No.:	Jicarilla SWD 30, Well #1, Sec. 30, T 25N, R 04W, Unit Ltr 'G'
NMOCD SWD Permit #:	06SNMJ1P9005

Your approval of this method of disposal is respectfully requested.

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

Signed Bill R. Keathly Title Sr. Regulatory Specialist Date 3-3-98

(This space for Federai or State office use)

Approved by Patricia M Hester Title Lands and Mineral Resources Date 4/6/98

Conditions of approval if any:

BLM(6), BRK, PONCA, DJS, FILE ROOM

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 junsdiction.

*See Instruction on Reverse Side

Saturation Index Calculations

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

Site Information

Company	Conoco
Field	Jicarilla
Point	A9M
Date	2/4/98

Water Analysis (mg/L)

Calcium	160
Magnesium	243
Barium	0
Strontium	0
Sodium*	4891
Bicarbonate Alkalinity	988
Sulfate	1,300
Chloride	7,000

Appended Data

C02	250 mg/L
H2S	0 mg/L
Iron	1 mg/L

* - Calculated Value

Physical Properties

Ionic Strength*	0.27
pH†	7.20
Temperature	85°F
Pressure	100 psia

* - Calculated Value † - Known/Specified Value

Calcite Calculation Information

Calculation Method	*Value*
pH	7.20

Bicarbonate Alkalinity Correction(s)	*Value*
None Used	---

SI & PTB Results

Scale Type	*SI*	*PTB*
Calcite (Calcium Carbonate)	0.08	16.4
Gypsum (Calcium Sulfate)	-1.33	N/A
Hemihydrate (Calcium Sulfate)	-1.19	N/A
Anhydrite (Calcium Sulfate)	-1.61	N/A
Barite (Barium Sulfate)	N/A	N/A
Celestite (Strontium Sulfate)	N/A	N/A

Ranged Data

Champion Technologies, Inc.

Site Information

Company	Conoco
Field	Jicarilla
Point	A9M
Date	2/4/98

SI Results

Temperature (°F)	*Calcite*	*Gypsum*
75	-0.02	-1.33
94	0.17	-1.33
114	0.37	-1.32
133	0.56	-1.31
153	0.76	-1.31
172	0.95	-1.30
192	1.15	-1.29
211	1.35	-1.28
231	1.55	-1.27
250	1.74	-1.26