

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

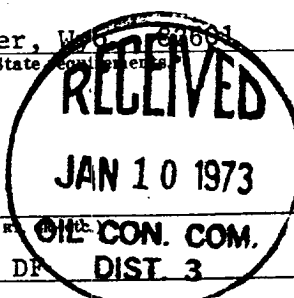
SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection		5. LEASE DESIGNATION AND SERIAL NO. Contract No. 66
2. NAME OF OPERATOR Continental Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
3. ADDRESS OF OPERATOR 152 North Durbin St., Casper, Wyo. 82401		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FNL, 660' FWL		8. FARM OR LEASE NAME Jicarilla 28
14. PERMIT NO.		9. WELL NO. 2
15. ELEVATIONS (Show whether DF, FNL, or FWL) 6967' GR, 6977' DF		10. FIELD AND POOL, OR WILDCAT West Lindrith Mesaverde
16. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T25N, R4W
17. COUNTY OR PARISH		12. STATE New Mexico



16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> Water Injection		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. 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.)*

The well was completed 9-2-60 for 56 BOPD from the Gallup perforations 6782-6842, 6852-6966, and 88 BOPD from the Dakota perforations 7479-7554, 7630-7656, 7662-7700. On 8-2-62 the Gallup was perforated 6735-6785 and 6616-6666, and the Mesaverde 4972-4982. The Gallup produced 10 BOPD and the Mesaverde was shut in as noncommercial. The well is presently producing from the Dakota, but the Gallup has been shut in because of stuck rods.

It is proposed to convert Jicarilla 28 No. 2 to a Mesaverde disposal well to dispose of produced water from the West Lindrith field.

Jicarilla 28 No. 2 was completed as a triple completion with two strings of 4½" casing and one string of 2 7/8" casing run in the 12½" hole. The Gallup and Dakota were cemented with a total of 1105 sacks of cement. The Mesaverde formation was cemented through a stage collar at 5691' with 325 sacks neat cement mixed with 325 cu. ft. stratocrete with 3% gel followed by 100 sacks neat cement. The Pictured Cliffs formation was cemented with 90 sacks neat mixed with 90 cu. ft. stratocrete with 3% gel followed with 50 sacks neat cement.

(Continued next page)

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

SIGNED

J. A. Wilson

TITLE **Administrative Supervisor**

DATE **1/5/73**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JAN 10 1973

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

Notice of Intention To:
Convert to Water Injection
Jicarilla 28 No. 2

Page 2
January 5, 1973

17. - Cont'd.

In order to protect the Ojo Alamo and other fresh water sands above 2700', it is proposed to inject through tubing and under a packer in the 4½" casing set at 7014'. The tubing and rods now in the well will be pulled and a bridge plug set at 5000' to isolate the Gallup perforations. A bridge plug with 2 cu. ft. cement will be set at 4940' in the 2 7/8" casing to isolate the Mesaverde perforations. The 4½" casing will then be perforated 4972-4982' and 4956-4962' and a small cleanup acid job performed. Tubing (2 7/8") and packer will be run and set at 4940' with inhibited fluid above the packer. Pressure will be monitored on the casing to insure there is no packer leak.

Administrative approval has been requested from the New Mexico Oil Conservation Commission for plans to dispose of produced water in the Mesaverde formation.

SUBJECT: SALT WATER DISPOSAL WELL

JAN 5 - 1973

ORDER NO. SWO-131

THE APPLICATION OF CONTINENTAL OIL
COMPANY FOR A SALT WATER DISPOSAL WELL.

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 701 (C) Continental Oil Company, made application to the New Mexico Oil Conservation Commission on December 7, 1972, for permission to complete for salt water disposal its Jicarilla Well No. 2 located in Unit D of Section 27, Township 25 North, Range 4 West, Rio Arriba County, New Mexico.

The Secretary-Director finds:

1. That application has been duly filed under the provisions of Rule 701 (C) of the Commission Rules and Regulations.
2. That satisfactory information has been provided that all offset operators, surface owners, and the New Mexico State Engineer Office have been duly notified; and
3. That the applicant, has presented satisfactory evidence that all requirements prescribed in Rule 701 (C) will be met.
4. That no objections have been received within the waiting period prescribed by said rule.

IT IS THEREFORE ORDERED:

That the applicant herein, Continental Oil Company, is hereby authorized to complete its Jicarilla Well No. 2 located in Unit D of Section 27, Township 25 North, Range 4 West, Rio Arriba County, New Mexico, in such a manner as to permit the injection of salt water for disposal purposes into the Mesaverde formation at approximately 4956 feet to approximately 4982 feet through 2-7/8 inch tubing with a packer set at approximately 4940 feet in 4 1/2 inch casing (Pekota Strings).

IT IS FURTHER ORDERED:

That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of applicant to comply with any requirement of this order after notice and hearing, the Commission may terminate the authority hereby granted in the interest of conservation. That applicant shall submit monthly reports of the disposal operation in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

APPROVED at Santa Fe, New Mexico, on this 29th day of December, 1972.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

A. L. Porter, Jr.
A. L. PORTER, Jr.
Secretary-Director