

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☐ gas ☐ other ☒ Water Injection Well

2. NAME OF OPERATOR  
Tesoro Petroleum Corporation

3. ADDRESS OF OPERATOR  
8700 Tesoro Drive, San Antonio, Texas 78286

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1260 FSL & 100 FWL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

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(other) Convert to Water Injection Well.

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FARMINGTON RESOURCE AREA

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.)

1. MIRU. Pulled rods & tbg out of hole on 12/27/84.
2. Ran in hole with packer and tubing string.
3. Set packer @ 1512'.
4. Treated with polymer treatment.
5. Placed well on injection, tied into the South Lower Hospah Waterflood plant on 1/9/85.

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OIL CON. DIV.  
DIST. 3

Subsurface Safety Valve: Mand. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct. Gavino Perez, Jr.

SIGNED Gavino Perez, Jr. TITLE Area Production Mgr. DATE 7-22-85

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_ DATE AUG 01 1985

FARMINGTON RESOURCE AREA  
BY sm



TONY ANAYA  
GOVERNOR

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT  
RECEIVED CONSERVATION DIVISION

OCT 29 1984

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DISTRICT PRODUCTION

DISTRICT PRODUCTION

DISTRICT PRODUCTION

APPLICATION OF TESORO PETROLEUM CORPORATION  
TO EXPAND ITS POLYMER AUGMENTED WATERFLOOD  
PROJECT IN THE SOUTH HOSPAH LOWER SAND OIL POOL  
IN MCKINLEY COUNTY, NEW MEXICO

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

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ORDER No. WFX-532  
(TERTIARY PROJECT)

BUREAU OF LAND MANAGEMENT  
ADMINISTRATIVE RESOURCE AREA

ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION

Under the provisions of Order No. R-4558-A has made application to the Division on September 4, 1984, for permission to expand its Tesoro Lower Hospah Polymer Augmented Waterflood Project in the South Hospah Lower Sand Oil Pool in McKinley County, New Mexico.

NOW, on this 25th day of October, 1984, the Division Director finds:

1. That application has been filed in due form.
2. That satisfactory information has been provided that all offset operators have been duly notified of the application.
3. That no objection has been received within the waiting period as prescribed by Rule 701B.
4. That the proposed injection well is eligible for conversion to water injection under the terms of Rule 701.
5. That the proposed expansion of the above referenced Polymer Augmented Waterflood project will not cause waste nor impair correlative rights.
6. That the application should be approved.

IT IS THEREFORE ORDERED:

That the applicant, Tesoro Petroleum Corporation, be and the same is hereby authorized to inject water into the Lower Hospah formation through plastic-lined tubing set in a packer at a maximum of 100 feet above the proposed injection interval in the following described well for purposes of Polymer Augmented Waterflooding to wit:

Hanson Well No. 43  
1260' FSL and 100' FWL of Sec. 6, T-17-N, R-8-W,  
McKinley County, New Mexico

Hanson Well No. 44  
330' FSL and 1980' FWL of Sec. 6, T-17-N, R-8-W,  
McKinley County, New Mexico

Santa Fe RR Well No. 51  
550' FNL and 1480' FWL of Sec. 7, T-17-N, R-8-W,  
McKinley County, New Mexico

Santa Fe RR "A" Well No. 97  
240' FSL and 1655' FEL of Sec. 1, T-17-N, R-9-W,  
McKinley County, New Mexico

IT IS FURTHER ORDERED:

That the operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

That the casing-tubing annulus (in each well) shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

That the injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to no more than 320 psi.

That the Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the Lower Hospah formation. That such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

That the operator shall notify the supervisor of the Division's Aztec District Office before injection is commenced through said wells.

That the operator shall immediately notify the Supervisor of the Division's Aztec District Office of the failure of the tubing, casing, or packer in said wells or the leakage of water from or around said wells and shall take such steps as may be timely or necessary to correct such failure or leakage.

That the subject wells shall be governed by all provisions of Division Order No. R-4558-A and Rules 702, 703, 704, 705, and 706 not inconsistent herewith.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

A handwritten signature in dark ink, appearing to read 'R. L. Stamets', is written over the printed name. The signature is fluid and cursive, with a long horizontal stroke extending to the right.

R. L. STAMETS,  
Acting Director

S E A L