

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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: 330' FSL & 1980' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

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

SUBSEQUENT REPORT OF:

- ☐
☐
☐
☐
☐
☐
☐
☐
☐

(other) Convert to Water Injection Well

RECEIVED
JUL 30 1985
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE
NM - 052931
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo
7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Hanson
9. WELL NO.
44
10. FIELD OR WILDCAT NAME
South Hospah, Lower Hospah
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 6, T17N, R8W
12. COUNTY OR PARISH
McKinley
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6888' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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 11/29/84.
2. Ran in hole with packer and tubing string.
3. Set packer @ 1522'.
4. Treated well with polymer treatment.
5. Placed well on injection, tied into the South Lower Hospah Waterflood plant on 12/22/84.

AUG 2 1985
OIL CON. DIV.
DIST. 9

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Gavino Perez, Jr. TITLE Area Production Mgr.

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

ACCEPTED FOR RECORD

AUG 01 1985

FARMINGTON RESOURCE AREA

BY smm

*See Instructions on Reverse Side

NMOCC



TONY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
RECEIVED CONSERVATION DIVISION

OCT 29 1984

OCT 29 1984

RECEIVED

OCT 29 1984

DISTRICT PRODUCTION

DISTRICT PRODUCTION

DISTRICT PRODUCTION

APPLICATION OF TESORO PETROLEUM CORPORATION
TO EXPAND ITS POLYMER AUGMENTED WATERFLOOD
PROJECT IN THE SOUTH HOSPAP 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

RECEIVED

OCT 30 1984

ORDER No. WFX-532
(TERTIARY PROJECT)

BUREAU OF LAND MANAGEMENT
SANTA FE 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 typed name.

R. L. STAMETS,
Acting Director

S E A L