

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

|                        |  |
|------------------------|--|
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| LAND OFFICE            |  |
| OPERATOR               |  |

30031-20854

5A. Indicate Type of Lease  
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|  |  |   |  |  |  |
|--|--|---|--|--|--|
| 1a. Type of Work<br>b. Type of Well<br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/><br>Injection Well SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  |   |  | 7. Unit Agreement Name                                     |  |
| 2. Name of Operator<br>Tesoro Petroleum Corporation  |  |   |  | 8. Farm or Lease Name<br>Santa Fe Railroad                 |  |
| 3. Address of Operator<br>8700 Tesoro Drive, San Antonio, Texas 78286  |  |   |  | 9. Well No.<br>50  |  |
| 4. Location of Well<br>UNIT LETTER <u>E</u> LOCATED <u>1930</u> FEET FROM THE <u>North</u> LINE<br>AND <u>100</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>7</u> TWP. <u>17N</u> RGE. <u>8W</u> NMPM  |  |   |  | 10. Field and Pool, or Wildcat<br>South Hospah, Lower Hosp |  |
|  |  |   |  | 12. County<br>McKinley                                     |  |
| 19. Proposed Depth<br>1650   |  | 19A. Formation<br>Lower Hospah              |  | 20. Rotary or C.T.<br>Rotary                               |  |
| 21. Elevations (Show whether DF, RT, etc.)<br>6969 GL  |  | 21A. Kind & Status Plug. Bond<br>NM Blanket |  | 21B. Drilling Contractor<br>James Drilling                 |  |
|  |  |   |  | 22. Approx. Date Work will start<br>December 1, 1983       |  |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
|              |                |                 |               |                 |          |
|              |                |                 |               |                 |          |

Proposed Activities:

Drill 12 1/2" hole to 95'. Run and cement 8 5/8" csg.  
Drill 7 7/8" hole to TD. No BOP required.  
Run 5 1/2" csg to TD and cement.

Perforate Lower Hospah Formation. Pump well for test to ensure well is cleaned up (will create a void for later polymer treatment)

This injection well is in conjunction with the Tesoro South Hospah Lower Sand Oil Pool Project, a Qualified Tertiary Oil Recovery Project, New Mexico Oil Conservation Division Case No. 7923, Order No. R-4558A. Note No. 6 in NMOCD Order.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Gavino Perez, Jr. Title Area Production Manager Date 11/8/83

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT # 3 DATE NOV 9 1983

CONDITIONS OF APPROVAL, IF ANY:

## OIL CONSERVATION DIVISION

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SANTA FE, NEW MEXICO 87501Form C-102  
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All distances must be from the outer boundaries of the Section.

|   |  |                        |                                   |                                       |                       |
|---|--|------------------------|-----------------------------------|---------------------------------------|-----------------------|
| Operator<br><b>TESORO PETROLEUM CORPORATION</b>   |  |                        | Lease<br><b>SANTA FE RAILROAD</b> |                                       | Well No.<br><b>50</b> |
| Unit Letter<br><b>E</b>   | Section<br><b>7</b>                        | Township<br><b>17N</b> | Range<br><b>8W</b>                | County<br><b>McKinley</b>             |                       |
| Actual Footage Location of Well:<br><b>1980</b> feet from the <b>North</b> line and <b>100</b> feet from the <b>West</b> line |  |                        |                                   |                                       |                       |
| Ground Level Elev.<br><b>6969</b>   | Producing Formation<br><b>South Hoshph</b> |                        | Pool<br><b>Lower Hoshph</b>       | Dedicated Acreage:<br><b>40</b> Acres |                       |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

**Gavino Perez Jr.**

Name

**Area Production Mgr.**

Position

**Tesoro Petroleum Corp.**

Company

**Nov 7, 1983**

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

**October 25, 1983**

Registered Professional Engineer  
and Land Surveyor.

**Fred B. Kerr Jr.**

Certificate No.

**3950**

Scale: 1"=1000'

JOCK QUADRANGLE  
MCKINLEY CO  
S (TOPOGRAPHIC)

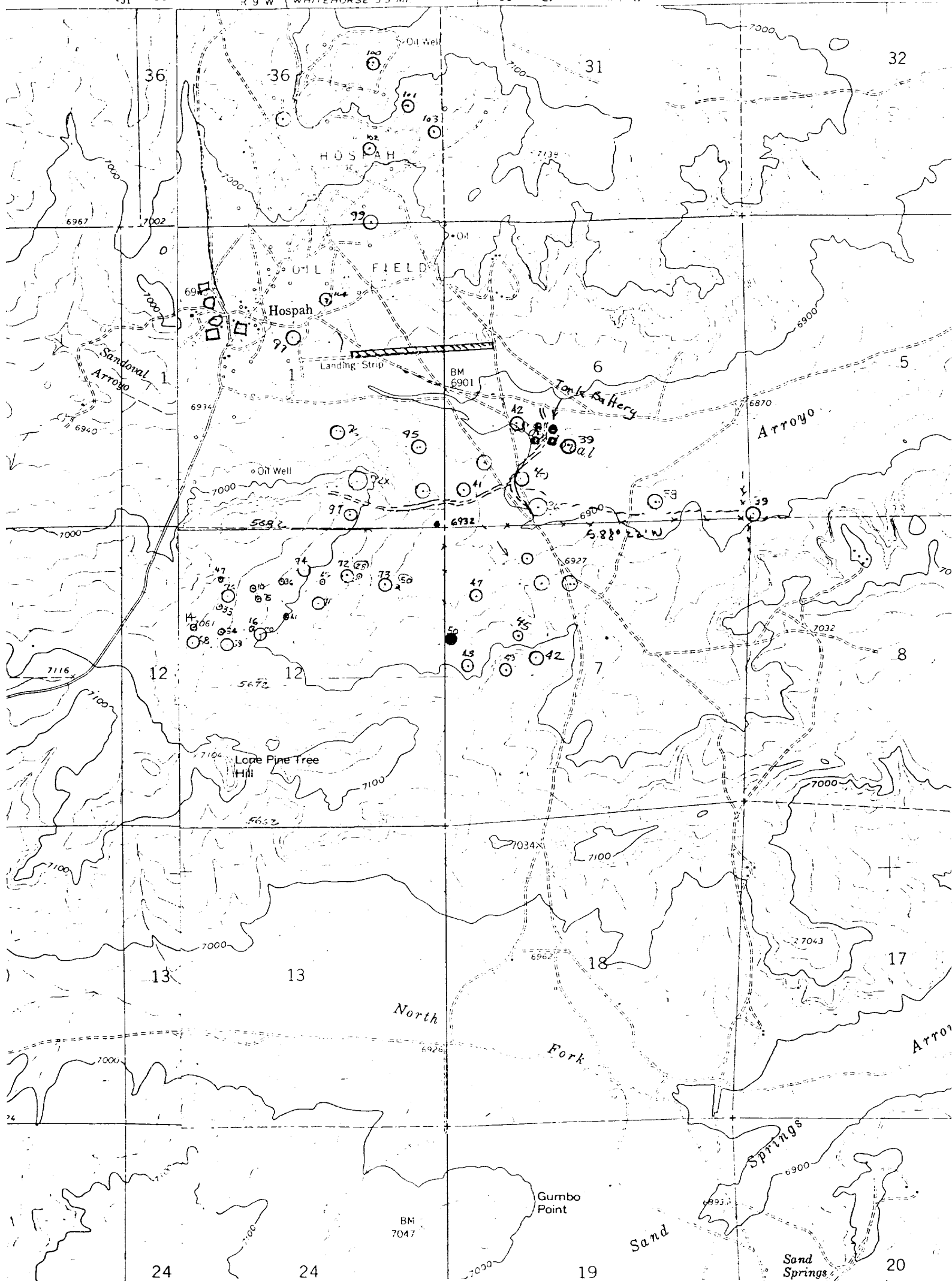
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

751 107°45'

R 9 W WHITEHORSE 5.3 MI

253000m.E.

42°30'



Vicinity Map for  
TESORO PETROLEUM CORP. #50 SANTA FE RAILROAD  
1980'FNL 100'FWL Sec. 7-T17N-R8W  
MCKINLEY COUNTY, NEW MEXICO