

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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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

30-031-20855

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 b. Type of Well 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"/> Injection Well SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Tesoro Petroleum Corporation		8. Farm or Lease Name Santa Fe Railroad "A"
3. Address of Operator 8700 Tesoro Drive, San Antonio, TX 78286		9. Well No. 97
4. Location of Well UNIT LETTER 0 LOCATED 240 FEET FROM THE South LINE AND 1655 FEET FROM THE East LINE OF SEC. 1 TWP. 17N RGE. 9W NMPM		10. Field and Pool, or Wildcat South Hospah, Lower Hospah
19. Proposed Depth 1690'		19A. Formation Lower Hospah
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 7014 GL
21A. Kind & Status Plug. Bond NM Blanket		21B. Drilling Contractor James Drilling
22. Approx. Date Work will start December 1, 1983		

PROPOSED CASING AND CEMENT PROGRAM

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

APPROVAL EXPIRES May 9, 1984  
UNLESS DRILLING IS COMPLETED  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS

Proposed Activities:

Drill 12½" hole to 95'. Run and cement 8 5/8" csg.  
Drill 7 7/8" hole to TD. No BOP required.  
Run 5½" 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-4558 A. Note No. 6  
in NMOCED 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)

SUPERVISOR DISTRICT #3

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

All distances must be from the outer boundaries of the Section.

Operator: <b>TESORO PETROLEUM CORPORATION</b>			Lease <b>SANTA FE RAILROAD "A"</b>		Well No. <b>97</b>
Unit Letter <b>0</b>	Section <b>1</b>	Township <b>17N</b>	Range <b>9W</b>	County <b>McKinley</b>	
Actual Footage Location of Well: <b>240</b> feet from the <b>South</b> line and <b>1655</b> feet from the <b>East</b> line					
Ground Level Elev. <b>7014</b>	Producing Formation <b>South Hesperia</b>		Pool <b>Lower Hesperia</b>	Dedicated Acreage: <b>40</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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?
 

**RECEIVED**  
NOV 9 - 1983  
OIL CON. DIV.  
DIST. 9

☐ 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.

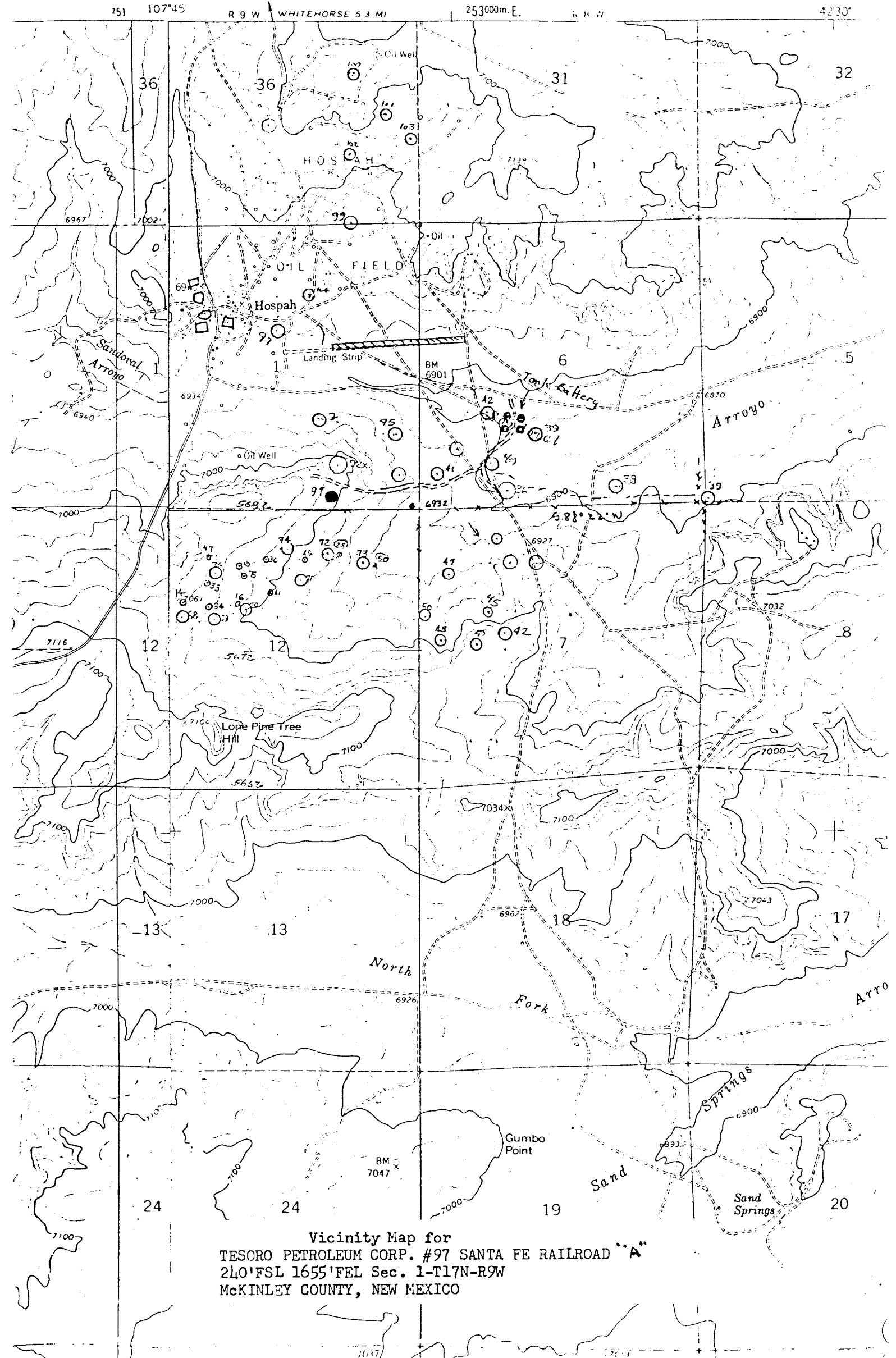
Sec.					
1					
240' 1655'					

Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	<b>Gavino Perez Jr.</b>
Position	<b>Area Production Mgr.</b>
Company	<b>Tesoro Petroleum Corp.</b>
Date	<b>Nov. 7, 1983</b>
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	<b>October 25, 1983</b>
Registered Professional Engineer and Land Surveyor	<b>Fred B. Kerr Jr.</b>
Certificate No.	<b>3950</b>

JACK QUADRANGLE  
 MCKINLEY CO  
 S (TOPOGRAPHIC)

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY



Vicinity Map for  
 TESORO PETROLEUM CORP. #97 SANTA FE RAILROAD "A"  
 240' FSL 1655' FEL Sec. 1-T17N-R9W  
 MCKINLEY COUNTY, NEW MEXICO