

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-031-20810

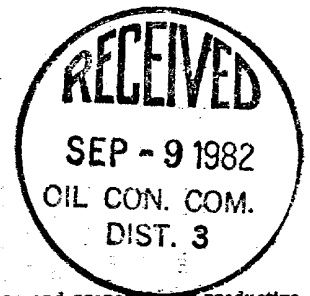
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐			5. LEASE DESIGNATION AND SERIAL NO. NM-052931	
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
2. NAME OF OPERATOR Tesoro Petroleum Corporation			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 633 17th Street - Suite 2000 Denver, CO 80202 Telephone: (303) 825-2000			8. FARM OR LEASE NAME Hanson	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1370' FSL, 2195' FWL At proposed prod. zone Same			9. WELL NO. 39	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 7 Miles South of White Horse Post Office			10. FIELD AND POOL, OR WILDCAT South Hospah, Lower Hospah	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1370' FLL			11. SEC., T., R. M., OR BLK. AND SURVEY OR AREA Sec. 6-T17N-R8W	
16. NO. OF ACRES IN LEASE 511.94 ±			12. COUNTY OR PARISH McKinley	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 380' from the Hanson #31			20. ROTARY OR CABLE TOOLS Rotary	
19. PROPOSED DEPTH 1552' ±			22. APPROX. DATE WORK WILL START* June 30, 1982	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6882' GL				

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	90' +	Circulate to Surface
7 7/8"	5 1/2"	15.5#	1552' ±	100 sx ± (100 @ 1100' ±)

We propose to drill the captioned well to test the Lower Hospah formation. We propose to test all shows of oil and/or gas deemed worthy of test and to set casing, as above, or to plug and abandon in accordance with instructions received from the USGS.



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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

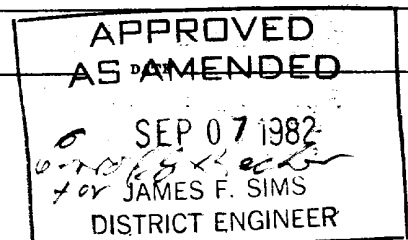
24. SIGNED W. J. Parks TITLE District Operations Manager DATE 6/21/82

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:



NMOCG

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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

Operator TESORO PETROLEUM CORPORATION			Lease HANSON		Well No. 39
Unit Letter K	Section 6	Township 17N	Range 8W	County McKinley	

Actual Footage Location of Well:

1370 feet from the **South** line and **2195** feet from the **West** line

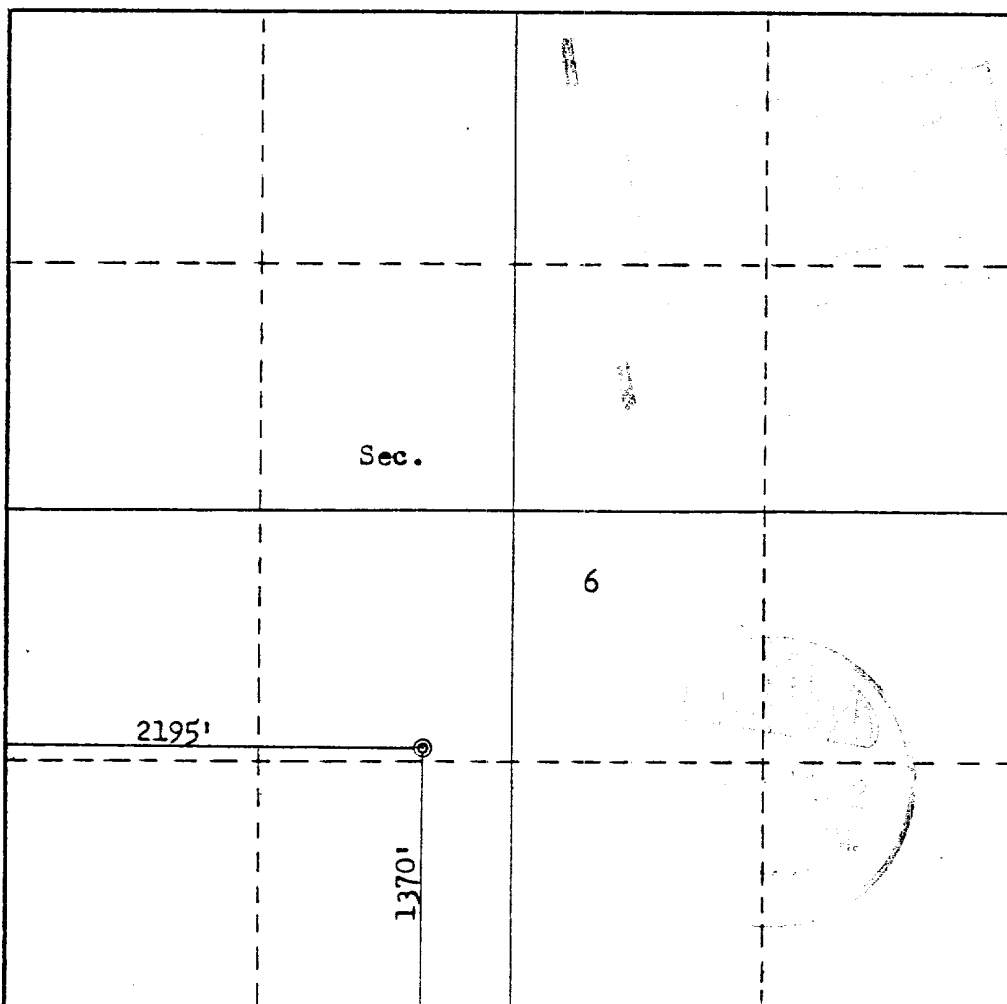
Ground Level Elev. 6882	Producing Formation <i>San Juan</i>	Pool <i>Hanson</i>	Dedicated Acreage: 5.96 Acres
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1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated 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.

Name _____

Position _____

Company _____

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

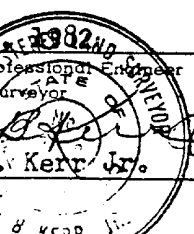
June 17, 1982

Registered Professional Engineer and/or Land Surveyor

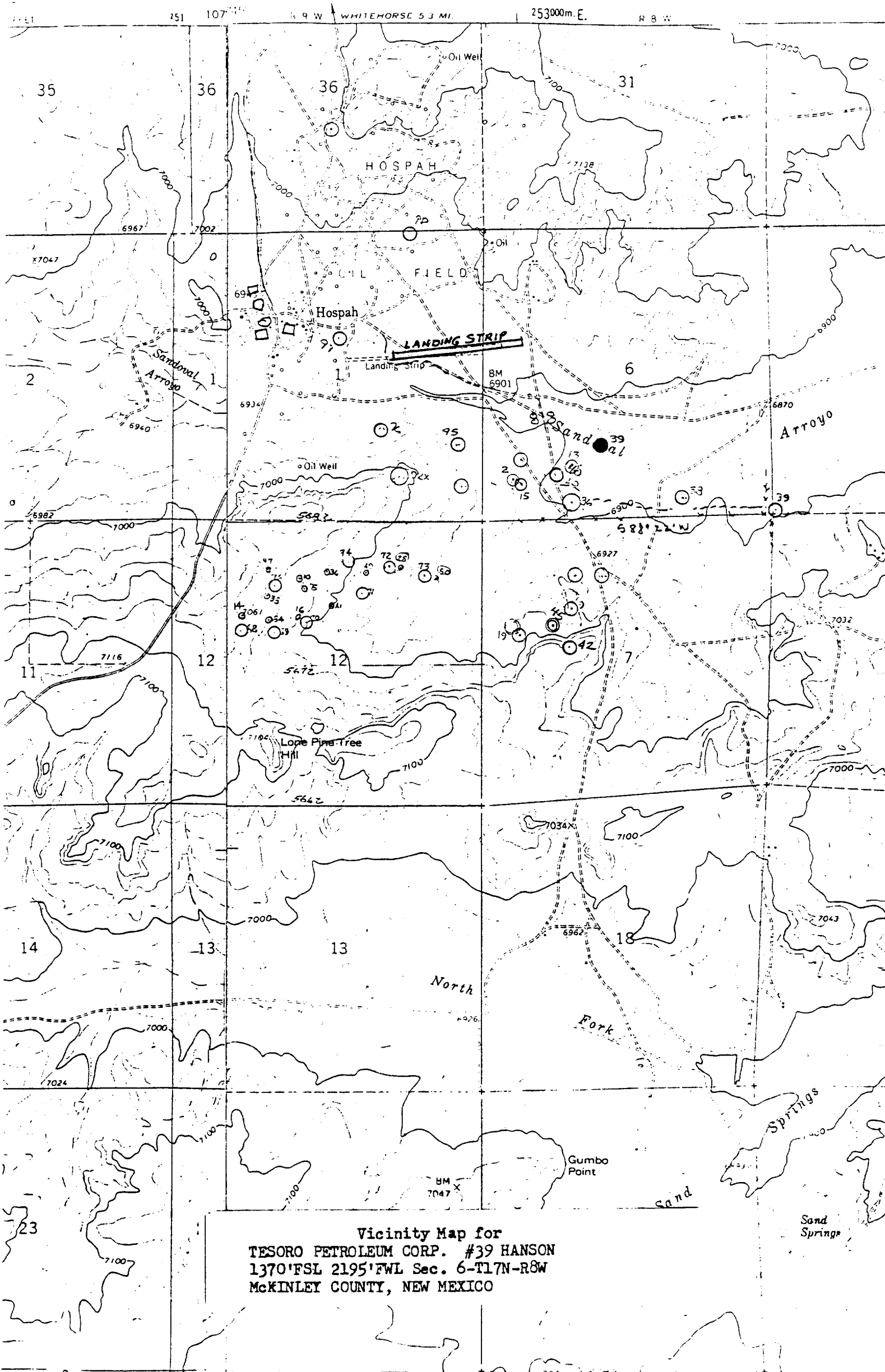
Fred B. Kerr Jr.

Certificate No.

3950



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Vicinity Map for
TESORO PETROLEUM CORP. #39 HANSON
1370'FSL 2195'FWL Sec. 6-T17N-R8W
McKINLEY COUNTY, NEW MEXICO