

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-031-28720

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fed. NM-052931	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
2. NAME OF OPERATOR Tesoro Petroleum Corp.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 2000 1st of Denver Plaza, Denver, CO 80202		8. FARM OR LEASE NAME Hanson	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 170' FSL X 1650' FWL, Unit Letter "N" At proposed prod. zone Same		9. WELL NO. 36	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 7 miles to north of field		10. FIELD AND POOL, OR WILDCAT South Hospah Field Lower Hospah Formation Sand	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit loc. if any) 170' FSL		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6-T17N-R8W	
16. NO. OF ACRES IN LEASE 551.94±		12. COUNTY OR PARISH McKinley, Co.	
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. 600' SE of Hanson #29		14. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6897' GL		22. APPROX. DATE WORK WILL START* August 1, 1981	
23. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS". PROPOSED CASING AND CEMENT SCHEDULE PROGRAM This section is subject to administrative appeal pursuant to 40 CFR 240.			
SIZE OF HOLE 12 1/4" 7 7/8"	SIZE OF CASING 8 5/8" 5 1/2"	WEIGHT PER FOOT 24# 15.5#	SETTING DEPTH 40 ft. (GL) 1655' (GL)
		25 sks. "G" to surface 65 sks. "G"	

Drill 12 1/4" surface hole to 40 ft., run 1 joint 8 5/8" casing and cement to surface w/25 sacks class "G" w/2% calcium chloride.

Drill 7 7/8" hole to 1655 ft. (GL). Run Induction Electric Log (IES) w/SP and GR; and Formation Density Log (FDC) w/GR and Caliper, from TD to 1270 ft. If logs indicate Lower Hospah zone to be productive, run 5 1/2" casing from TD to surface. Cement 5 1/2" casing from TD to 300 ft. above Lower Hospah top. Perforate Lower Hospah w/2 JSPF and flow or swab well back. No stimulation is anticipated. Install pumping unit and put well on production. If the well appears non-productive, cement plugs will be set at known producing formations and at the surface.

No additional surface disturbance is anticipated in doing this work.

SEE ATTACHMENTS

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.

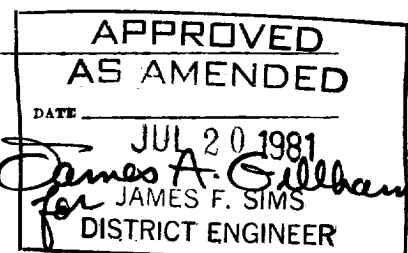
24. SIGNED James E. Sims TITLE Production Engineer DATE 6/18/81  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102  
Revised 10-1-78

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

Operator <b>TESORO PETROLEUM CORPORATION</b>			Lease <b>HANSON</b>		Well No. <b>36</b>
Unit Letter <b>N</b>	Section <b>6</b>	Township <b>17N</b>	Range <b>8W</b>	County <b>McKinley</b>	
Actual Footage Location of Wells: <b>170</b> feet from the <b>South</b> line and <b>1650</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6897</b>	Producing Formation <b>Lower Hospah</b>		Pool <b>South Hospah Lower Sand</b>		Dedicated Acreage <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.

		<p>Sec. 6</p>	
<p>1650'</p>		<p>170'</p>	

EXHIBIT A

CERTIFICATION

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

Name James E. Stepinshi  
Position Production Engineer  
Company Tesoro Petroleum Corp.  
Date 6/23/81

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 12, 1981  
Registered Professional Engineer and Land Surveyor  
Fred B. Kerr Jr.  
Certificate No. 2050