

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42 R1424.

5. LEASE DESIGNATION AND SERIAL NO.
Fed. NM-052931

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Tesoro Petroleum Corporation		8. FARM OR LEASE NAME Hanson Federal	
3. ADDRESS OF OPERATOR 2000 1st of Denver Plaza, Denver, CO 80202		9. WELL NO. 37	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1215' FSL x 705' FWL		10. FIELD AND POOL, OR WILDCAT South Hospah Field	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6 T 17N R 8W	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6912' GL		12. COUNTY OR PARISH McKinley	
		13. STATE NM	

RECEIVED

OCT 21 1981

U.S. GEOLOGICAL SURVEY

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
(Other) Drilling operations		☒	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

- Spud date 7/26/81. Drilled 12 1/4" hole to 106' and set 99.73' 8 5/8" 23# casing and cemented to surface w/75 sks. class "B" w/3% calcium chloride.
- Spud 7 7/8" hole (7/27/81) and drill to TD of 1615' GL (7/28/81).
- Ran IES-GR-SP & FDC-GR-CAL logs from 1615-1200'.
- Ran 5 1/2" 15.5# casing to 1607' and cemented w/80 sks class "B" w/1% calcium chloride (7/30/81). Calculated cement top at 1215'.
- Perforate Upper Hospah formation: 1496-1502', 1506-10', 1512-16', 1526-30', 1534-38' (22') w/2 JSPF.
- Prepare to put well on production.



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

SIGNED [Signature]

TITLE Dist. Operations Manager

DATE 10/16/81

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE OCT 22 1981

FARMINGTON DISTRICT

BY

SA

*See Instructions on Reverse Side

NMOC

OIL CONSERVATION DIVISION

P. O. D. 8-2088

Form C-102
Revised 10-1STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

Operator TESORO PETROLEUM CORPORATION			Lease HANSON		Well No. 37
Unit Letter M	Section 6	Township 17N	Range 8W	County McKinley	
Actual Footage Location of Well:					
1215	feet from the	South	line and	705	feet from the
					West
Ground Level Elev: 6912	Producing Formation Upper Hospah		Foot South Hospah Upper Sand		Dedicated Acreage: 40
					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, force-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 James E. Slepinski
 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.
 Fred B. Kerr Jr.
 Certificate No. _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-0055.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS*

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. Fed. NM-052931																																					
2. NAME OF OPERATOR Tesoro Petroleum Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Allotted																																					
3. ADDRESS OF OPERATOR 2000 1st of Denver Plaza, Denver, CO 80202		7. UNIT AGREEMENT NAME																																					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1215' FSL x 705' FWL At top prod. interval reported below Same At total depth Same		8. FARM OR LEASE NAME Hanson Federal																																					
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DATE ISSUED		10. FIELD AND POOL, OR WILDCAT South Hospah Field																																					
12. COUNTY OR PARISH McKinley		13. STATE NM																																					
15. DATE SCHEDULED 7/26/81		16. DATE LOG REACHED 7/28/81																																					
17. DATE COMPLETION (Ready to prod.) 9/3/81		18. ELEVATIONS (DE, RKB, RT, GR, ETC.)* 6912' GL																																					
19. ELEV. CASING HEAD 6912'		20. TOTAL DEPTH, MD & TVD 1615' MD & TVD																																					
21. PLUG BACK E.D., MD & TVD 1575'		22. IF MULTIPLE COMPLET., HOW MANY? Single																																					
23. INTERVALS DRILLED BY ROTARY TOOLS ☒ CABLE TOOLS ☐		24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Upper Hospah Sand, 1488-1544 MD & TVD (GL)																																					
25. WAS DIRECTIONAL SURVEY MADE? Inclination only		26. TYPE ELECTRIC AND OTHER LOGS RUN IES-GR-SP & FDC-GR-CAL																																					
27. WAS WELL CORRECTED? No		28. CASING RECORD (Report all strings set in well)																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>CASING SIZE</th> <th>WEIGHT, LB./FT.</th> <th>DEPTH SET (MD)</th> <th>HOLE SIZE</th> <th>CEMENTING RECORD</th> <th>AMOUNT USED</th> </tr> <tr> <td>8 5/8"</td> <td>23#</td> <td>106'</td> <td>12 1/4"</td> <td>75 sks class "B"</td> <td></td> </tr> <tr> <td>5 1/2"</td> <td>15.5#</td> <td>1607'</td> <td>7 7/8"</td> <td>80 sks class "B"</td> <td></td> </tr> </table>		CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT USED	8 5/8"	23#	106'	12 1/4"	75 sks class "B"		5 1/2"	15.5#	1607'	7 7/8"	80 sks class "B"		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="3">LINER RECORD</th> <th colspan="3">TUBING RECORD</th> </tr> <tr> <th>SIZE</th> <th>TOP (MD)</th> <th>BOTTOM (MD)</th> <th>SIZE</th> <th>DEPTH SET (MD)</th> <th>PACKER SET (MD)</th> </tr> <tr> <td></td> <td></td> <td></td> <td>2 3/8"</td> <td>1527'</td> <td>None</td> </tr> </table>		LINER RECORD			TUBING RECORD			SIZE	TOP (MD)	BOTTOM (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)				2 3/8"	1527'	None
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29. PERFORATION RECORD (Interval, size and number) Upper Hospah: 1496-1502', 1506-10' 1512-16', 1526'-30', 1534-38', (22') 0.43" OD, 2 JSPP		30. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. None																																					
31. PRODUCTION DATE FIRST PRODUCTION 9/3/81 PRODUCTION METHOD (Flooding, gas lift, pumping—size and type of pump) Pumping 2" x 1 1/2" x 10' insert rod pump WELL STATUS (Producing or shut-in) Producing		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DATE OF TEST</th> <th>HOURS TESTED</th> <th>CHARGE SIZE</th> <th>PROD'N. FOR TEST PERIOD</th> <th>OIL—BBL.</th> <th>GAS—MCF.</th> <th>WATER—BBL.</th> <th>GAS-OIL RATIO</th> </tr> <tr> <td>9/7/81</td> <td>24</td> <td>--</td> <td>→</td> <td>3</td> <td>0</td> <td>50</td> <td>--</td> </tr> <tr> <th>FLOW, TUBING PRESS.</th> <th>CASING PRESSURE</th> <th>CALCULATED 24-HOUR RATE</th> <th>OIL—BBL.</th> <th>GAS—MCF.</th> <th>WATER—BBL.</th> <th colspan="2">OIL GRAVITY-API (CCR.)</th> </tr> <tr> <td>--</td> <td>--</td> <td>→</td> <td></td> <td></td> <td></td> <td colspan="2">30</td> </tr> </table>		DATE OF TEST	HOURS TESTED	CHARGE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	9/7/81	24	--	→	3	0	50	--	FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CCR.)		--	--	→				30					
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--	--	→				30																																	
32. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) None		33. TEST WITNESSED BY Roy Yazzie																																					
34. LIST OF ATTACHMENTS None		35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																																					
SIGNED [Signature]		TITLE Dist. Operations Manager																																					
DATE 9/12/1981		ACCEPTED FOR RECORD																																					

*(See Instructions and Spaces for Additional Data on Reverse Side)

FARMINGTON DISTRICT

BY

[Signature]

NMOCC

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Seals Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, UTI-SHOWN USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			28. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Upper Hospah member of Gallup	1488'	1544' GL	Contents: oil & water completion zone	Upper Hospah	1488' GL	1488' GL
Lower Hospah member of Gallup	1544'	1586' GL	Contents: oil and water No cores cut or DST's run on this well	Lower Hospah	1544' GL	1544' GL

