

NSL-614
Three by six

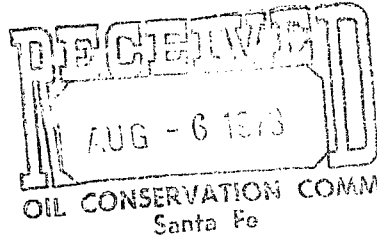
TESORO PETROLEUM CORPORATION

8520 CROWNHILL

512-824-0261

SAN ANTONIO, TEXAS 78209

August 4, 1973



Mr. A. L. Porter, Jr., Director
New Mexico Oil Conservation Commission
P. O. Box 2088
Sante Fe, New Mexico 87501

Dear Mr. Porter;

We are sending you a copy of our application for approval to drill our Hanson 24 - Hospah Dakota Extension. We would like your approval to drill the well as staked.

We staked the location 300 feet from the south edge of a drilling unit because of the main Sandoval Arroyo. The original stake (1650' FSL, 330' FEL, Sec. 6) was within 15 feet of the edge of the 8 foot deep wash and did not allow room for a location. We would have to move 125 feet North to allow room for a location out of the wash so we chose to move 50 feet South toward known production.

We are attaching the letter written to the U.S.G.S. on this matter and the note received from your Mr. Al Kendrick. We are also enclosing a copy of the G.S. topo sheet sent with our application.

If there are other requirements please give me a call here in San Antonio.

Very truly yours,

Tesoro Petroleum Corporation

A handwritten signature in cursive script, appearing to read "J. Harvey Ashford, Jr." Below the signature, the name "J. Harvey Ashford, Jr." is printed in a serif font.

J. Harvey Ashford, Jr.

RECEIVED JUL 25 1973

July 19, 1973


Mr. Jerry Long
U. S. Geological Survey
P. O. Box 1809
Durango, Colorado

Dear Mr. Long:

We are submitting the enclosed form for permit to drill our Hanson #24 in our Hospah Dakota "D" Extension. We staked the location 300' from the south edge of a drilling unit because of the main Hospah wash. The original stake was within 15' of the edge of the 8' deep wash and did not allow room for a location. We would have to move at least 125' north to allow room for a location out of the wash so we chose to move 50' south toward known production.

Please give us administrative approval for this location as permitted.

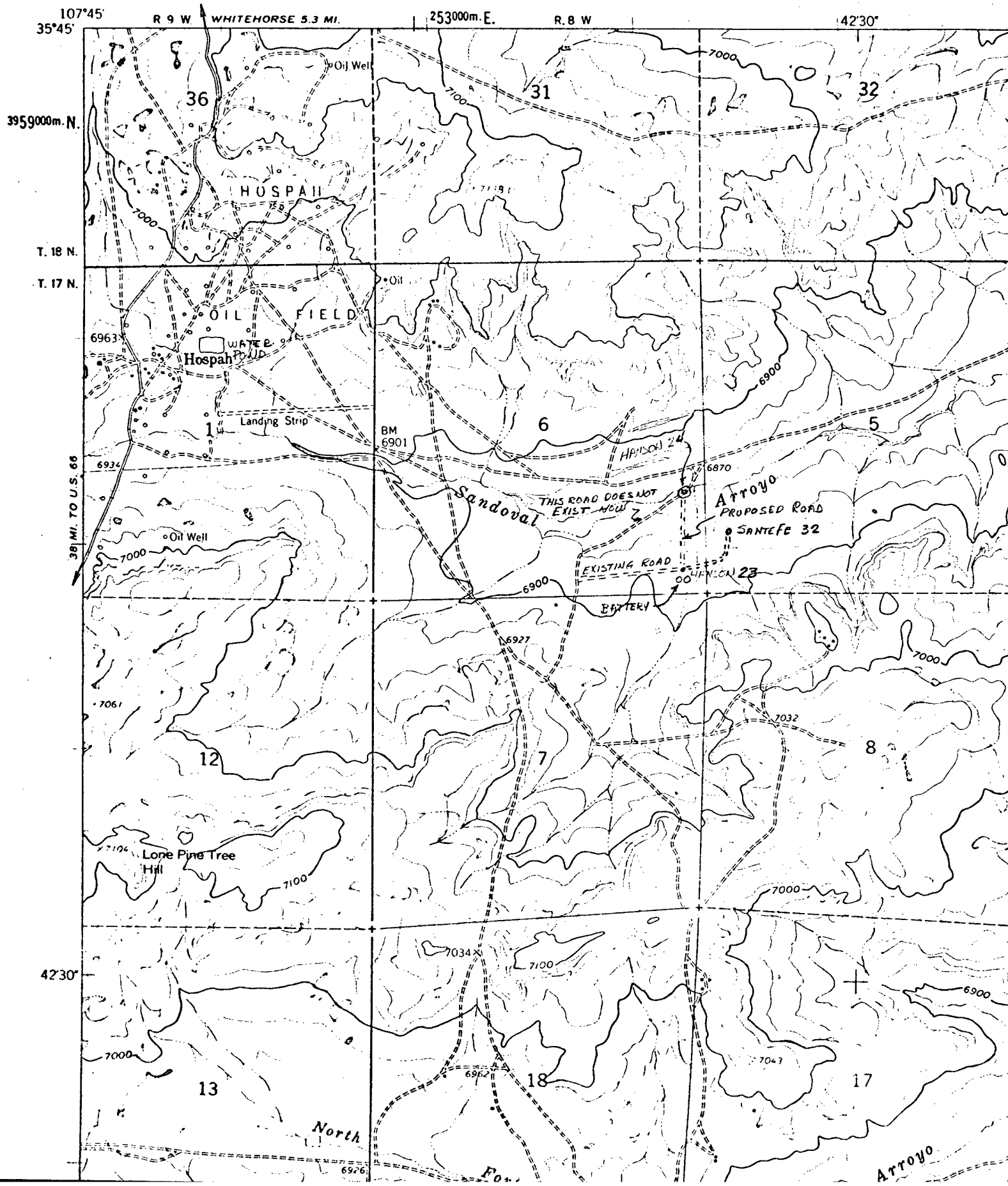
Best regards,


J. Harvey Ashford, Jr.
Operations Manager

JHA/mah
Enclosure
cc: Dick Denman
Al Kendrick - O & G Commission - New Mexico



107°45' 35°45' R 9 W WHITEHORSE 5.3 MI. 253000m. E. R. 8 W 42°30'



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

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

JUL 18 1973

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
Hanson	
9. Well No.	
24	
10. Field and Pool, or Wildcat	
Dakota "D" Extension	
12. County	
McKinley	
19. Proposed Depth	19A. Formation
2660'	Hospah Dakota "D"
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DF, RT, etc.)	22. Approx. Date Work will start
6860' GR	August 1, 1973

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"/>	
b. Type of Well	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator	
Tesoro Petroleum Corporation	
3. Address of Operator	
Suite 1012 Denver Center Bldg., 1776 Lincoln, Denver 80203	
4. Location of Well	
UNIT LETTER I LOCATED 1600 FEET FROM THE South LINE	
AND 330 FEET FROM THE East LINE OF SEC. 6 TWP. 17 RGE. 8W NMPM	
19. Proposed Depth	
2660'	
19A. Formation	
Hospah Dakota "D"	
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DF, RT, etc.)	
6860' GR	
21A. Kind & Status Plug. Bond	
State Wide Bond	
21B. Drilling Contractor	
N.A.	
22. Approx. Date Work will start	
August 1, 1973	

23. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13-3/4"	8-5/8"	24	100' +	100 sacks	Circulate
7-7/8"	5-1/2"	14.0	2645' +	250 sacks	1100'
4-3/4"	Open Hole		15' into Dakota "D"		

We propose to drill a 13-3/4" hole to 100'; run 8-5/8" casing and cement to surface. We will then drill a 7-7/8" hole to 2645'; run 5-1/2" casing and cement with 250 sacks 50/50 Poz "G" 5% NaCl. We will then move in a completion rig, circulate the hole with Hospah crude and drill 10'-15' open 4-3/4" hole. The well will be placed on pump for a short P.I. test; then, we will frac the well with "YFO" gelled Dakota crude and sand. The well will then be potentialed and placed on production. A B.O.P. will be installed on the 8-5/8" casing and used throughout the drilling and completion operation.

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 PRE-ENTER PROGRAM, IF ANY.

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

Signed J. Harvey Ashford, Jr. Title Operations Manager Date 7/17/73

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

JUL 18 1973

All distances must be from the outer boundaries of the Section

Operator TESORO PETROLEUM CORPORATION			Lease HANSON		Well No 24
Unit Letter I	Section 6	Township 17 North	Range 8 West	County McKinley	
Actual Footage Location of Well:					
1600	feet from the	South	line and	330	feet from the East line
Ground Level Elev. 6860	Producing Formation Dakota "D"		Pool Hospah Dakota Extension	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 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.

J. Harvey Ashford, Jr.
Name
J. Harvey Ashford, Jr.
Position

Operations Manager
Company

Tesoro Petroleum Corporation
Date
7/17/73

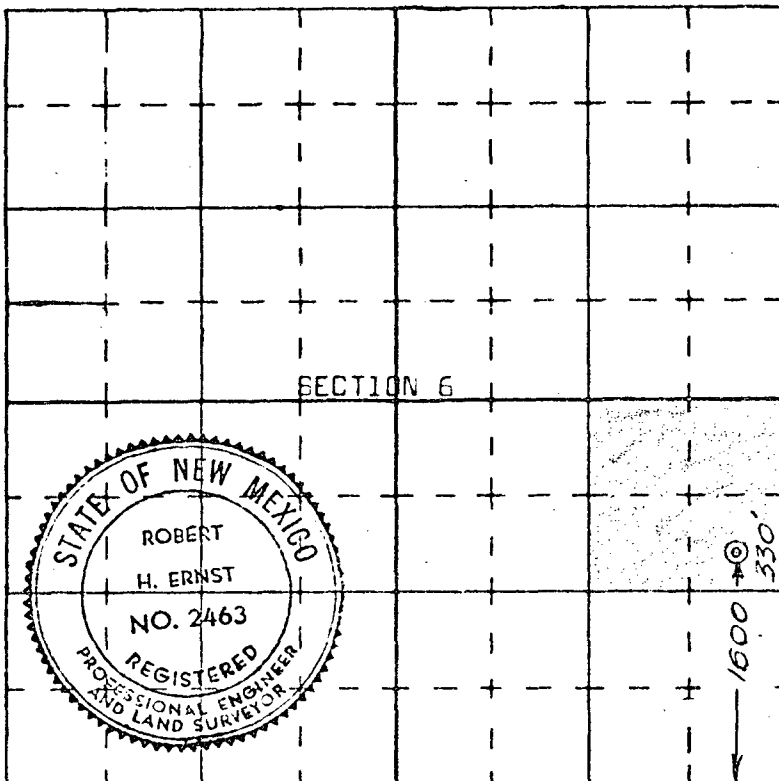
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

13 July 1973

Robert H. Ernst
Date Surveyed
Registered Professional Engineer
and/or Land Surveyor

Robert H. Ernst
New Mexico PE & LS 2463

Certificate No.



ERNST ENGINEERING COMPANY
DURANGO, COLORADO