

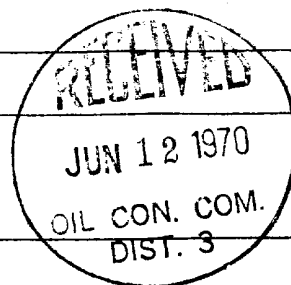
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LAND OFFICE	
TRANSPORTER	OIL 1 GAS
OPERATOR	2
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104  
Supersedes Old C-104 and C-110  
Effective 1-1-65

B.T.

Operator Tesoro Petroleum Corporation	
Address 8520 Crownhill Boulevard, San Antonio, Texas 78209	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input checked="" type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>



If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Hanson	Well No. 16	Pool Name, Including Formation South Hospah-Upper Sand	Kind of Lease State, Federal or Fee Federal NM	Lease No. 052931
Location Unit Letter N ; 2060 Feet From The West Line and 630 Feet From The South				
Line of Section 6 Township 17N Range 8W, NMPM, McKinley County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Shell Pipe Line Company	Address (Give address to which approved copy of this form is to be sent) P.O. Box 1588, Farmington, New Mexico					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> N/A	Address (Give address to which approved copy of this form is to be sent) ---					
If well produces oil or liquids, give location of tanks.	Unit K	Sec. 6	Twp. 17N	Rge. 8W	Is gas actually connected? No	When ---

If this production is commingled with that from any other lease or pool, give commingling order number: Applied for

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well	New Well <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded 4-14-70	Date Compl. Ready to Prod. 5-2-70	Total Depth 1539' RKB	P.B.T.D. N/A					
Elevations (DF, RKB, RT, GR, etc.) 6884'GL; 6896' RKB	Name of Producing Formation Upper Hospah	Top Oil/Gas Pay 1502' RKB (GR/N)	Tubing Depth 1512' RKB					
Perforations Open Hole	Depth Casing Shoe 1519' RKB (GR/N)							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
12-1/4"	8-5/8"	74' RKB	50 sacks common					
7-7/8"	5-1/2"	1515' RKB	100 sacks common					
	2-3/8"	1512' RKB						

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 5-4-70	Date of Test 5-8-70	Producing Method (Flow, pump, gas lift, etc.) Pump	
Length of Test 24 hours	Tubing Pressure 45 psi	Casing Pressure ---	Choke Size N/A
Actual Prod. During Test 13.49	Oil-Bbls. 12.41	Water-Bbls. 1.08	Gas-MCF Tstm

GAS WELL N/A

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

O. Lewis Smith, Jr (Signature)  
Petroleum Engineer

(Title)

June 10, 1970

(Date)

OIL CONSERVATION COMMISSION

JUN 12 1970

APPROVED \_\_\_\_\_  
Original Signed by Emery C. Arnold  
BY \_\_\_\_\_  
SUPERVISOR DIST. #9

TITLE \_\_\_\_\_  
This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.  
Separate Forms C-104 must be filed for each pool in multiply completed wells.

DEVIATION SURVEY  
HANSON WELL NO. 16  
Completed May 2, 1970

Location: Unit Letter N, 2060' from the West Line and  
630' from the South Line, Section 6, Township  
17 North, Range 8 West, McKinley County, New Mexico

<u>Depth</u>	<u>Deviation Degrees</u>
74'	1/4°
1055'	1°
1515'	1-1/2°

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Certification of personal knowledge deviation data:

I hereby certify that I have personal knowledge of the data and facts placed on this instrument, and that such information given above is true and complete.

TESORO PETROLEUM CORPORATION

By

O. Lewis Smith, Jr.

STATE OF TEXAS X

COUNTY OF BEXAR X

Before me, the undersigned authority, personally appeared O. Lewis Smith, Jr, known to me to be the person whose name is subscribed hereto, and having been by me duly sworn upon his oath does say, that the facts and circumstances set out herein are true and correct.

Sworn and subscribed to before me, this 10th day of June, 1970.

Harmon A. Allen  
Notary Public in and for  
Bexar County, Texas

My commission expires:

June 1, 1971