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LAND OFFICE	
TRANSPORTER	OIL GAS
OPERATOR	
PRODUCTION OFFICE	
Operator	

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

Form O-104
Supersedes Old O-104 and O-1
Effective 1-1-65

Harvey E. Yates Company

Address

P. O. Box 1933, Roswell, New Mexico 88201

Reason(s) for filing (Check proper box)

New Well ☒ Change in Transporter of
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐

Other (If lease, explain)

CASINGHEAD GAS MUST NOT BE
PRODUCED AFTER 12/4/77
UNLESS AN EXCEPTION TO R-4070
IS OBTAINED.

Change of ownership give name
and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name Exxon Federal	Well No. 4	Pool Name, including Formation Cato-San Andres	Kind of Lease State, Federal or Fee Federal	Lease No. NM-15016
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Location

Unit Letter A ; 660 Feet From The North Line and 660 Feet From The East

Line of Section 6 Township 8S Range 31E , N.M.P.M., Chaves County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐
The Permian Corp. Address (Give address to which approved copy of this form is to be sent)
P. O. Box 838, Hobbs, New Mexico 88240

Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐ 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 G	Sec. 6	Twp. 8S	Rge. 31E	Is gas actually connected?	When
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If this production is commingled with that from any other lease or pool, give commingling order number:

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well ☒	Gas Well ☐	New Well ☒	Workover ☐	Deepen ☐	Plug Back ☐	Stim. Res. ☐	Inst. Res. ☐
Date Logged 9-15-77	Date Compl. Ready to Prod. 10-4-77		Total Depth 3900' KB		P.B.T.D. 3897' KB			
Elevations (DF, RKB, RT, GR, etc.) 4265' KB	Name of Producing Formation San Andres		Top Oil/Gas Pay 3676' KB		Tubing Depth 3887' KB			
Perforations 3676, 78, 84 KB (3 shots)		3779, 81, 86, 91 KB (4 shots)		3713, 14, 23, 30, 31, 37, 52, 53, 58 KB (9 shots)		Depth Casing Shoe		

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
11"	8 5/8"	279'	125 Sx C1 C 2% CaCl
7 7/8"	4 1/2"	3900' KB	275 Sx C 50-50 Poz
			w/ 2% Gel, 6# Salt
	2 3/8"	3887' KB	

TEST DATA AND REQUEST FOR ALLOWABLE

(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 10-4-77	Date of Test 10-1-77	Producing Method (Flow, pump, gas lift, etc.) Pumping	
Length of Test 4 1/2 Hrs	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test 51 BBLS	Oil-Bbls. 17	Water-Bbls. 34 Load water on swab test	Gas-MCF

GAS WELL

ESTIMATED 24 HOUR PRODUCTION - 45 BBLS OIL PER DAY

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

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.

Harvey E. Yates
(Signature)

Vice President

(Title)

October 6, 1977

(Date)

OIL CONSERVATION COMMISSION

APPROVED

BY

TITLE

This form is to be filed in compliance with Rule C-1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a two-inch and five-eighths inch tests taken on the well in accordance with Rule C-1104.

All portions of this form must be filled out completely for allowable data 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.



KENNETH D. REYNOLDS - ARTESIA
LESLIE K. EVERTSON - ROSWELL

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 2055 ROSWELL, NEW MEXICO 88201
TELEPHONES: ARTESIA 505/746-6757
ROSWELL 505/623-5070

September 26, 1977

Harvey E. Yates Co., Inc.
Box 1933
Roswell, New Mexico 88201

Re: Exxon Federal #4

Gentlemen:

The following is a Deviation Survey of the above well:

280'-1/4	2421'-1
750'-1/2	2900'-1
1243'-3/4	3370'-1
1739'-1	3870'-1
2220'-1	3900'-1 T.D.

Yours very truly,

WEK DRILLING CO., INC.

Arnold Newkirk

Arnold Newkirk

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 26th day
of September, 1977 by Arnold Newkirk.

My Commission Expires:

April 9, 1980

Glenda Bea Newton
Notary Public