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U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

FORM C-110
(Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE.

Company of Operator Texas Pacific Coal and Oil Company				Lease Legal		Well No. 1	
Unit Letter P	Section 31	Township 25-S	Range 37-E	County Lea			
Pool Jalant				Kind of Lease (State, Fed, Fee) Patented			
If well produces oil or condensate give location of tanks			Unit Letter I	Section 31	Township 25-S	Range 37-E	
Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> Texas-New Mexico Pipeline Company				Address (give address to which approved copy of this form is to be sent) Midland, Texas			
Is Gas Actually Connected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
Authorized transporter of casing head gas <input checked="" type="checkbox"/> or dry gas <input type="checkbox"/> El Paso Natural Gas Company			Date Connected	Address (give address to which approved copy of this form is to be sent) Jal, New Mexico			

If gas is not being sold, give reasons and also explain its present disposition:

REASON(S) FOR FILING (please check proper box)

New Well <input type="checkbox"/>	Change in Ownership <input checked="" type="checkbox"/>
Change in Transporter (check one)	Other (explain below)
Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Casing head gas <input type="checkbox"/> Condensate <input type="checkbox"/>	

RECEIVED
JAN 10 1961
A DIVISION OF THE NEW MEXICO OIL CONSERVATION COMMISSION
TO TRANSPORT OIL AND NATURAL GAS
THIS DATE MAY 1, 1960

Remarks
**Change in ownership from Jal Oil Company to Texas Pacific Coal and Oil Company.
Effective February 1, 1961.**

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 30th day of January, 19 61.

OIL CONSERVATION COMMISSION		By
Approved by		Title
Title		District Engineer
Date		Company Texas Pacific Coal and Oil Company
		Address P. O. Box 1688, Hobbs, New Mexico

- $\mathbb{Q}(\sqrt{2}) = \{a + b\sqrt{2} \mid a, b \in \mathbb{Q}\}$ is a field extension of \mathbb{Q} of degree 2. The Galois group $\text{Gal}(\mathbb{Q}(\sqrt{2})/\mathbb{Q})$ is isomorphic to $\mathbb{Z}/2\mathbb{Z}$.
- $\mathbb{Q}(\sqrt{2}, \sqrt{3}) = \{a + b\sqrt{2} + c\sqrt{3} + d\sqrt{6} \mid a, b, c, d \in \mathbb{Q}\}$ is a field extension of \mathbb{Q} of degree 4. The Galois group $\text{Gal}(\mathbb{Q}(\sqrt{2}, \sqrt{3})/\mathbb{Q})$ is isomorphic to $\mathbb{Z}/2\mathbb{Z} \times \mathbb{Z}/2\mathbb{Z}$.
- $\mathbb{Q}(\sqrt{2}, \sqrt{3}, \sqrt{5})$ is a field extension of \mathbb{Q} of degree 8. The Galois group $\text{Gal}(\mathbb{Q}(\sqrt{2}, \sqrt{3}, \sqrt{5})/\mathbb{Q})$ is isomorphic to $(\mathbb{Z}/2\mathbb{Z})^3$.
- $\mathbb{Q}(\sqrt{2}, \sqrt{3}, \sqrt{5}, \sqrt{7})$ is a field extension of \mathbb{Q} of degree 16. The Galois group $\text{Gal}(\mathbb{Q}(\sqrt{2}, \sqrt{3}, \sqrt{5}, \sqrt{7})/\mathbb{Q})$ is isomorphic to $(\mathbb{Z}/2\mathbb{Z})^4$.

- $\mathbb{Q}(\sqrt{2}, \sqrt{3}, \sqrt{5}, \sqrt{7}, \sqrt{11})$ is a field extension of \mathbb{Q} of degree 32. The Galois group $\text{Gal}(\mathbb{Q}(\sqrt{2}, \sqrt{3}, \sqrt{5}, \sqrt{7}, \sqrt{11})/\mathbb{Q})$ is isomorphic to $(\mathbb{Z}/2\mathbb{Z})^5$.

$$\mathbb{Q}(\sqrt{2}, \sqrt{3}, \sqrt{5}, \sqrt{7}, \sqrt{11}) = \mathbb{Q}(\sqrt{2}, \sqrt{3}, \sqrt{5}, \sqrt{7}, \sqrt{11})$$

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