

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE  
STATE OF NEW MEXICO

Re: Petition of Barney Cockburn for Un-  
orthodox Location on State Lease  
B-2516 in Connection with Applica-  
tion for Unit Operation.

P E T I T I O N

COMES NOW Barney Cockburn, of Artesia, New Mexico,  
and petitions the Oil Conservation Commission for an order  
permitting an unorthodox well location, and states:

1. That the petitioner herein, Barney Cockburn,  
is the owner of an oil and gas lease issued by the State of  
New Mexico under Lease B-2516, as to the following described  
lands in Lea County, New Mexico, to wit:

SW $\frac{1}{4}$  of Section 29, Township 17 South,  
Range 33 East, N.M.P.M.

That said lands are in what is known and designated as the  
Maljamar Pool in Lea County, New Mexico.

2. That the petitioner has four (4) producing  
wells in said 160 acre lease, said wells being designated,  
located and completed as follows:

Shell State No. 1 - NW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section  
29, Township 17 South, Range 33 East,  
N.M.P.M., completed October 31, 1943.

Shell State No. 2 - SE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section  
29, Township 17 South, Range 33 East,  
N.M.P.M., completed July 28, 1943.

Shell State No. 3 - NE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section  
29, Township 17 South, Range 33 East,  
N.M.P.M., completed November 19, 1943.

Shell State No. 4 - SW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section  
29, Township 17 South, Range 33 East,  
N.M.P.M., completed December 12, 1943.

That the present unit allowable for each of the proration units  
upon which said wells are located is 25 barrels per day, and  
the allowable for the 160 acres is, therefore, 100 barrels  
per day.

3. That the petitioner, on the basis of engineering information, is advised that a well in the center of each 40 is not sufficient to drain the said 160 acres described as the SW $\frac{1}{4}$  of Section 29, Township 17 South, Range 33 East, N.M.P.M., of the recoverable oil, and your petitioner desires to drill a well in the approximate center of said SW $\frac{1}{4}$  of Section 29, Township 17 South, Range 33 East, N.M.P.M., to be known and designated as "Shell State Well No. 5" and to be located 1330 feet north of the south line and 1330 feet east of the west line of said Section 29. That the drilling of said well, so petitioner is informed and believes, will result in a greater recovery of the recoverable oil under said lease B-2516 as to the SW $\frac{1}{4}$  of Section 29, Township 17 South, Range 33 East, N.M.P.M.

4. That your petitioner herein desires to operate the oil and gas wells on said 160 acres as a unit, by producing the four wells now located thereon, and the proposed fifth well to be drilled, into one single tank battery, and your petitioner has made and filed an application with the State Land Office of the State of New Mexico, copy of which is hereto attached and made a part hereof as if fully set out herein.

5. That there is attached hereto, in triplicate, petitioner's Notice of Intention to Drill said State Well No. 5, and petitioner respectfully requests approval of said location and his said Notice of Intention to Drill.

6. That said proposed well will not be nearer than 1330 feet from any boundary line of petitioner's lease, and petitioner states that said well will not have any adverse effect on any adjoining leases and will result in increased royalties to the State of New Mexico and will aid conservation

by enabling petitioner to produce a greater portion of recoverable oil under said 160 acre lease.

7. That your petitioner does not request an additional allowable for said proposed well, but has made application for the 160 acres to be operated as a unit and requests that the 160 acre unit be granted an allowable not in excess of four times the allowable for each single proration unit in the area, so that the allowable for the 160 acre lease will not at any time exceed the unit top allowable for any four proration units.

WHEREFORE, petitioner prays that he be granted permission to drill said well, to be known as Shell State Well No. 5, at the location shown herein and that such request be granted upon presentation of this Petition or, in the event the Commission desires a hearing, that a day be set for hearing this Petition, and that all proper orders be made in the premises.

  
Petitioner

  
Attorney for Petitioner,  
Artesia, New Mexico.

BEFORE THE SURVEY AND LAND OFFICE

OF THE

STATE OF NEW MEXICO

Re: Application of  
Barney Cockburn for  
Unit Operation on  
State Lease B-2516

Honorable John E. Miles  
Commissioner of Public Lands  
Santa Fe, New Mexico

Comes now Barney Cockburn of Arredondo, New Mexico,  
and makes application to the Commissioner of Public Lands  
for a unit operation for oil and gas purposes on state lands  
and states:

1. That the petitioner herein, Barney Cockburn,  
is the owner of an oil and gas lease issued by the State of  
New Mexico under lease B-2516, as to the following described  
lands in Lea County, New Mexico, to-wit:

SW $\frac{1}{4}$  of Section 29, Township 17 South,  
Range 33 East, N.M.P.M.

That said lands are in what is known and designated as the  
Valjean Pool in Lea County, New Mexico.

2. That the petitioner has four (4) producing  
wells in said 160 acre lease, said wells being designated,  
located and completed as follows:

Shell State No. 1 - NW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section  
29, Township 17 South, Range 33 East,  
N.M.P.M., completed October 31, 1943.

Shell State No. 2 - SE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section  
29, Township 17 South, Range 33 East,  
N.M.P.M., completed July 28, 1943.

Shell State No. 3 - NE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section  
29, Township 17 South, Range 33 East,  
N.M.P.M., completed November 19, 1943.

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Shell State No. 4 - SW $\frac{1}{4}$  of Section  
29, Township 17 South, Range 33 East,  
N.M.P.M., completed December 12, 1943.

That the present unit allowable for each of the proration units upon which said wells are located is 25 barrels per day, and the allowable for the 160 acres is, therefore, 100 barrels per day.

3. The petitioner, on the basis of engineering information, is advised that a well in the center of each forty acre tract is not sufficient to drain and produce the recoverable oil under the said 160 acres described as the SW $\frac{1}{4}$  of Section 19, Township 17 South, Range 33 East, N.M.P.M.; and your petitioner desires to drill a well which will be located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 29, T. 17 S., R. 33 E., N.M.P.M., to be known and designated as Shell State No. 5, to be located 1330 feet north of the south line, and 1330 feet east of the west line of Section 29, T. 17 S., R. 33 E., N.M.P.M. That the drilling of said well, so petitioner is informed and believes, will result in a greater recovery of the recoverable oil under said 160 acres.

4. That your petitioner desires to operate the oil and gas wells on said 160 acres as a unit by producing the four wells now located thereon, and the proposed fifth well to be drilled, into one single tank battery, and states:

(a) That such proposed unit operation will tend to promote the conservation of oil or gas and the better utilization of the reservoir energy

(b) That the entire SW $\frac{1}{4}$  of Section 29, T. 17 S., R. 33 E., N.M.P.M., is included in a single State Lease from the State of New Mexico, and that the entire ownership of the minerals thereunder is the same on each forty acre tract,

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and the State of New Mexico will receive its full share of the recoverable oil under the proposed unit operation, and the said four forty acre tracts included in the 160 acres are all of the same institutional lands.

5. That your petitioner desires to operate said 160 acres as a unit for the further reason that the wells now located thereon do not at this time produce the forty acre unit allowable production, and your petitioner is making application to the Oil Conservation Commission for the location of this well and for a unit allowable not in excess of four times the allowable for each single production unit in the area, so that the allowable for the 160 acres will not at any time exceed the unit top allowable for any four production units.

6. That said well will not be nearer than 1310 feet from any boundary line of petitioner's lease, and petitioner states that said well will not have any adverse effect on any adjoining leases, and will result in increased royalties to the State of New Mexico and aid conservation and will enable petitioner to produce a greater portion of the recoverable oil under said 160 acre lease.

WHEREFORE, petitioner prays that the Commissioner of Public Lands consent to and approve the development and operation of State Lease B-2516 as a unit, with the undersigned petitioner as the unit operator.

Petitioner

Attorney for Petitioner  
Artesia, New Mexico

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