

OIL CONSERVATION COMMISSION
1000 Rio Brazos Rd.
Aztec, New Mexico

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

DATE 11-18-68

RE: Proposed MSP _____

Proposed NSL _____

Proposed NFO _____

Proposed DC ✓

Gentlemen:

I have examined the application dated 11-15-68

for the Seamus P. McHugh Jicarilla # 5 D-29-26N-4W
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Approved

Yours very truly,

Emory C. Cline
OIL CONSERVATION COMMISSION

4 NMOCC
1 McHugh
1 NWP
1 SU
1 Humble

1 Aztec Oil & Gas
1 File

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Operator Jerome P. McHugh		County Rio Arriba	Date 11/15/68
Address 930 Petroleum Club Bldg., Denver, Colo.		Lease Jicarilla	Well No. 5
Location of Well D	Unit 29	Township 26 N	Range 4 W

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO X
2. If answer is yes, identify one such instance: Order No. _____; Operator Lease, and Well No.: _____

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Undes. Gallup		Basin Dakota
b. Top and Bottom of Pay Section (Perforations)	7083' - 7101'		7646' - 7800'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flow		Flow

4. The following are attached. (Please check YES or NO)

- | | | |
|-------------------------------------|-------------------------------------|---|
| Yes | No | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.* |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.) |

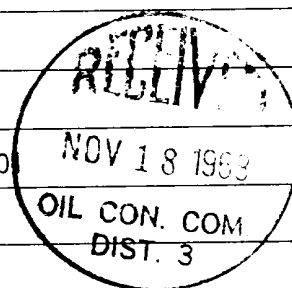
5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Southern Union Production Co., Box 808, Farmington, New Mexico 87401

Northwest Production Corp., Box 1796, El Paso, Texas 79999

Humble Oil & Refining Co., Lincoln Bldg., Box 120, Denver, Colorado 80201

Aztec Oil & Gas Co., Drawer 570, Farmington, New Mexico 87401



6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO _____. If answer is yes, give date of such notification 11/15/68.

CERTIFICATE: I, the undersigned, state that I am the Consulting Engineer of the Jerome P. McHugh (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Thomas A. Dugan (JLD)
Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

<div>TENNECO 13</div> <div>M-D 8</div> <div>M-D 7</div> <div>JICARILLA C</div>	<div>So. Union 18</div> <div>P 5</div> <div>JICARILLA H</div>	<div>17</div>	<div>So. Union 16</div> <div>P-M 9</div> <div>JICARILLA E</div>
<div>Tenneco 24</div> <div>D 4</div> <div>D 5</div> <div>Jicarilla C</div>	<div>19</div> <div>So. Union Prod. Co. 50%</div> <div>Aytec Oil & Gas Co. 50%</div>	<div>20</div> <div>So. Union Prod. Co. 50%</div> <div>Aytec Oil & Gas 50%</div>	<div>So. Union 21</div> <div>6 6</div> <div>So. Union Prod. Co. 50%</div> <div>Humble Oil & Refining 50%</div>
<div>D 3</div> <div>So. Union 25</div> <div>M-D 11</div> <div>JICARILLA J</div>	<div>D 1</div> <div>9</div> <div>D 2</div> <div>JICARILLA I</div>	<div>CE 5</div> <div>29</div> <div>D 6</div> <div>Jicarilla I</div>	<div>23</div> <div>So. Union Prod. Co. 50%</div> <div>Humble Oil & Refining 50%</div>
<div>P-D 1</div> <div>P-D 13</div> <div>JICARILLA J</div>	<div>D 2</div> <div>21</div> <div>D 4</div> <div>JICARILLA I</div>	<div>D 7</div> <div>22</div> <div>D 5</div> <div>JICARILLA I</div>	<div>33</div>

Jerome P. McHugh - Application for dual gas completion in Gallup and Dakota formation.

Jicarilla #5 - NW/4 NW/4 Sec. 29, T 26 N, R 4 W
Rio Arriba County, New Mexico

DIAGRAMATIC SKETCH OF DUAL GAS
COMPLETION
Jicarilla #5

3 5/8" O.D. Casing
@ 205' Cemented
With 175 Sacks

Stage tool @ 3545' Cemented
With 200 sks. 40% Diacel "D"

Stage tool @ 5755' Cemented
with 175 sks. 40% Diacel "D"

Top of Gallup - 6757'
Gallup Perforations 7083-7101
Base of Gallup - 7240'

7083

Two Baker "Stop & Joints"
7073'-7113' 3.062" O.D.

7101

Baker Model "H" Sliding
Sleeve Valve @ 7175'

Baker Model "F" Sliding
Nipple @ 7552'

Top of Dakota - 7641
Dakota Perforations - 7646-7654
7745-7749, 7754-7760, 7783-
7787, 7789-7794, 7796-7780

7646

Baker Model "D" Packer
@ 7584'

2 3/4" O.D. Tubing
set @ 7586'

7800

4 1/2" O.D. Casing set
@ 7847' - First stage
cemented with 650 cu ft.

Jerome P. McHugh
930 Petroleum Club Building
Denver, Colorado

Application For Dual Gas
Completion

Jicarilla #5 Well
Dakota and Gallup Formations
NW/4 NW/4 Sec. 29-T26N-R4W