

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

OIL CONSERVATION COMMISSION  
BOX 871  
SANTA FE, NEW MEXICO

DATE 9-10-68

RE: Proposed NSP \_\_\_\_\_

Proposed NSL \_\_\_\_\_

Proposed NFO \_\_\_\_\_

Proposed DC \_\_\_\_\_

Gentlemen:

I have examined the application dated 9-4-68  
for the Santa Fe Oil Co. Sica, N.M. #11 S-25-26N-5W  
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Approved  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

Gregory C. Arnold  
OIL CONSERVATION COMMISSION

**SOUTHERN UNION PRODUCTION COMPANY**

**COPY**

**SEPTEMBER 5, 1968**

**NEW MEXICO OIL CONSERVATION COMMISSION  
P. O. Box 2088  
SANTA FE, NEW MEXICO 87501**

**ATTENTION: MR. A. L. PORTER**

**DEAR SIR:**

**ENCLOSED ARE THREE (3) COPIES EACH OF THE FOLLOWING FORMS TO COVER  
SOUTHERN UNION PRODUCTION COMPANY'S JICARILLA "U" NO. 11 WELL  
LOCATED 1450 FEET FROM THE SOUTH LINE AND 1450 FEET FROM THE EAST  
LINE OF SECTION 25, TOWNSHIP 26 NORTH, RANGE 5 WEST, N.M.P.M.,  
RIO ARriba COUNTY, NEW MEXICO:**

- 1. APPLICATION FOR MULTIPLE COMPLETION - FORM C-107**
- 2. OFFSET OPERATOR'S PLAT**
- 3. SCHEMATIC DIAGRAM OF WELL COMPLETION**

**ALSO ENCLOSED IS ONE (1) COPY EACH OF THE ELECTRICAL LOG AND PACKER-  
SETTING AFFIDAVIT.**

**YOURS VERY TRULY,**

**SOUTHERN UNION PRODUCTION COMPANY**

**ORIGINAL SIGNED BY  
B. R. VANDERSLICE**

**B. R. VANDERSLICE  
AREA SUPERINTENDENT**

**BRV:AY  
ENCLOSURES**

**cc: BENNY E. BECHTOL - EXPLORATION  
NEW MEXICO OIL CONSERVATION COMMISSION  
1000 RIO BRAZOS ROAD, AZTEC, NEW MEXICO 87410  
AZTEC OIL & GAS COMPANY  
P. O. DRAWER 570, FARMINGTON, NEW MEXICO 87401  
AZTEC OIL & GAS COMPANY  
2000 FIRST NATIONAL BANK BLDG., DALLAS, TEXAS 75202**

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

Form C-107  
5-1-61

Operator <b>SOUTHERN UNION PRODUCTION COMPANY</b>		County <b>RIO ARriba</b>	Date <b>9/4/68</b>
Address <b>P. O. Box 808, FARMINGTON, NEW MEXICO 87401</b>		Lease <b>JICARILLA "JM"</b>	Well No. <b>11</b>
Location of Well <b>J</b>	Section <b>25</b>	Township <b>26 NORTH</b>	Range <b>5 WEST</b>

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 **XX** NO
2. If answer is yes, identify one such instance: Order No. **MC-1738**; Operator Lease, and Well No. **SOUTHERN UNION**

**PRODUCTION COMPANY'S JICARILLA "JM" No. 7**

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<b>SOUTH BLANCO PICTURED CLIFFS</b>		<b>BASIN DAKOTA</b>
b. Top and Bottom of Pay Section (Perforations)	<b>3134 - 3150</b>		<b>7290 - 7462</b>
c. Type of production (Oil or Gas)	<b>GAS</b>		<b>GAS</b>
d. Method of Production (Flowing or Artificial Lift)	<b>FLOWING</b>		<b>FLOWING</b>

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

- |   |                             |  |
|---|-----------------------------|--|
| Yes <input checked="" type="checkbox"/> | No <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 to the multiple completion. |
| Yes <input checked="" type="checkbox"/> | No <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.  |
| Yes <input checked="" type="checkbox"/> | No <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.*   |
| Yes <input checked="" type="checkbox"/> | No <input 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)   |

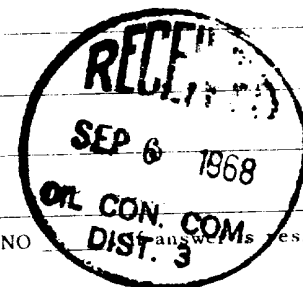
5. List all offset operators to the lease on which this well is located together with their correct mailing address.

**EL PASO NATURAL GAS COMPANY**  
P. O. Box 990  
FARMINGTON, NEW MEXICO 87401

**McHUGH, JEROME & ASSOCIATES**  
930 PETROLEUM CLUB BUILDING  
DENVER, COLORADO 80202

**TENNECO OIL COMPANY**  
P. O. Box 2511  
HOUSTON, TEXAS 77001

**NORTHWEST PRODUCTION CORPORATION**  
218 NORTH CAMPBELL  
EL PASO, TEXAS 79901



6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES **XX** NO
- date of such notification **9/4/68**

CERTIFICATE: I, the undersigned, state that I am the **AREA SUPERINTENDENT** of the **SOUTHERN UNION PRODUCTION COMPANY** (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.

ORIGINAL SIGNED BY  
**B. R. VANDERSLICE**

**B. R. VANDERSLICE** 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.

TOTAL DEPTH 7589 FT

DAK  
729

JICARILLA "J" No. 11

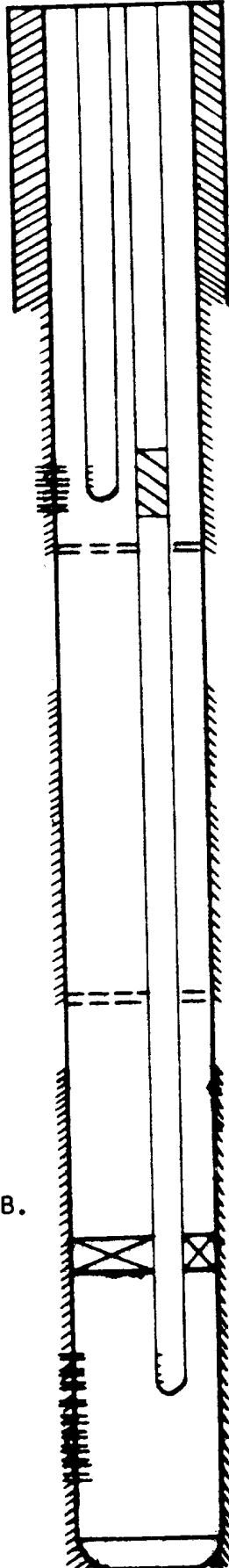
SURFACE HOLE SIZE - 12-1/4"  
PRODUCTION HOLE SIZE - 7-7/8"

LARKIN FIG 904, 5-1/2"  
CENTRALIZERS RUN ACROSS  
PICTURED CLIFFS FROM 3000 FT.  
TO 3400 FT. R.K.B.

PICTURED CLIFFS PERFORATIONS  
3134 FT. - 3150 FT. R.K.B.

LARKIN FIG. 904, 5-1/2"  
CENTRALIZERS RUN ON 30 FT.  
SPACING FROM 7170 FT. TO 7588  
FT. LARKIN ROTATING TYPE  
SCRATCHERS RUN ON 20 SPACING  
FROM 7170 FT. - 7580 FT. R.K.B.

DAKOTA PERFORATIONS  
7290 FT. - 7462 FT. R.K.B.



1450 FT. FROM SOUTH LINE AND 1450 FT. FROM  
EAST LINE, SECTION 25, TOWNSHIP 26 NORTH,  
RANGE 5 WEST, N.M.P.M., RIO ARRIBA COUNTY,  
NEW MEXICO.

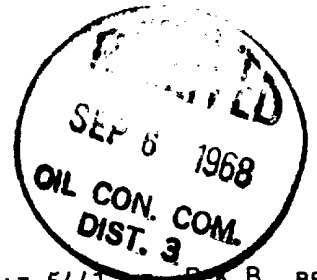
BASIN DAKOTA-SOUTH BLANCO PICTURED CLIFFS  
DUAL COMPLETION.

SURFACE CASING: 8-5/8", 24.0#, J-55 SET AT  
335 FT. R.K.B. CEMENTED TO SURFACE WITH  
225 SACKS.

1-1/2" INTEGRAL JT., 2.76#, JCW TBG. SET TO  
PICTURED CLIFFS. LANDED AT 3131 FT. R.K.B.

2-1/16" O.D. BAKER BLAST JOINTS RUN ACROSS  
PICTURED CLIFFS PERFORATIONS FROM 3131 FT  
TO 3181 FT. STAGE COLLAR SET AT 3226 FT.  
R.K.B. BELOW PICTURED CLIFFS. CEMENTED TO  
SURFACE WITH 1000 CU. FT. CEMENT.

TOP CEMENT ON 2ND STAGE CEMENT 4250 FT.



STAGE COLLAR SET AT 5441 FT. R.K.B. BELOW  
MESAVERDE. CEMENTED W/700 CU. FT. CEMENT

TOP CEMENT ON 1ST STAGE CEMENT 6200 FT.

BAKER 5-1/2" MODEL "D" PRODUCTION PACKER  
SET AT 7100 FT. R.K.B.

1-1/2" E.U.E., 2.90#, JCW TBG. SET TO DAKOTA  
AT 7372 FT. R.K.B.

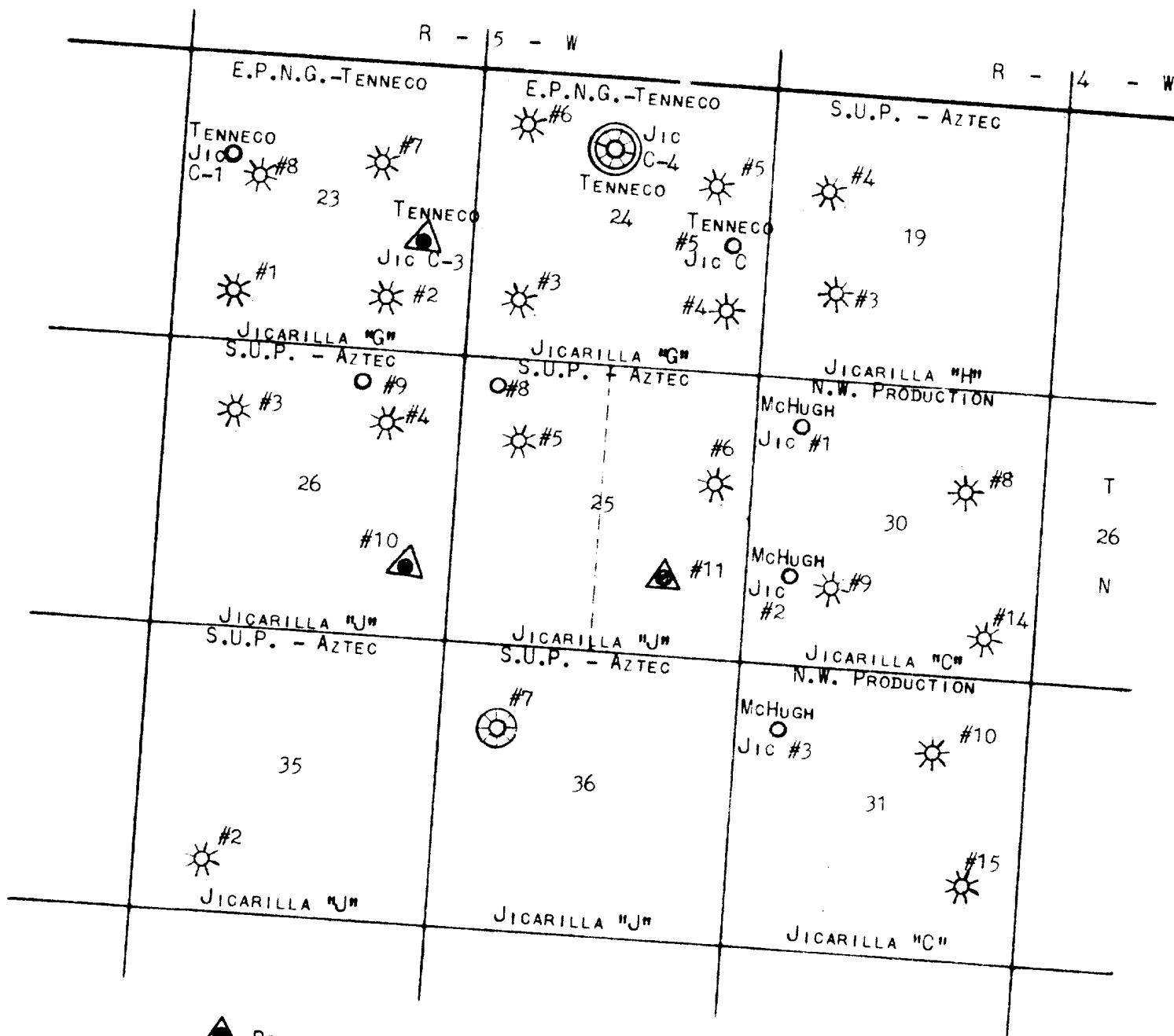
PRODUCTION CASING 5-1/2", 15.50#, J-55 Casing  
SET AT 7588 FT. R.K.B. CEMENTED 1ST STAGE  
W/600 CU. FT. CEMENT.

P.B.T.D. 7552 FT.  
TOTAL DEPTH 7589 FT.

OFFSET OPERATOR'S PLAT  
TO  
SOUTHERN UNION PRODUCTION COMPANY'S

WELL: JICARILLA "U" No. 11

LOCATION: 1450 FT. FROM SOUTH AND 1450 FT. FROM EAST  
SECTION 25, TOWNSHIP 26 NORTH, RANGE 5 WEST  
RIO ARriba COUNTY, NEW MEXICO



▲ PROPOSED DAKOTA-PICTURED CLIFFS DUAL COMPLETION

☀ PICTURED CLIFFS

⊙ DAKOTA-PICTURED CLIFFS DUAL

▲ DAKOTA-GALLUP DUAL

⊙ DAKOTA-MESAVERD

○ DAKOTA

