

OIL CONSERVATION COMMISSION
3 DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 9-30-70

Re: Proposed NSP _____

Proposed NWU _____

Proposed NSL _____

Proposed NFO _____

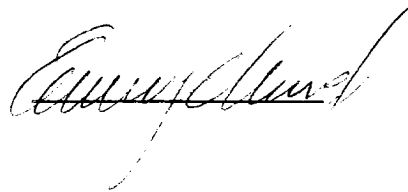
Proposed MC ✓

Gentlemen:

I have examined the application dated 7-15-70
for the Southern Union Prod. Co. Jicarilla N 2 N-3-24N-5W
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Yours very truly,



SEPTEMBER 15, 1970



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 "N" NO. 2 WELL LOCATED 790 FEET FROM THE SOUTH LINE AND 1850 FEET FROM THE WEST LINE OF SECTION 3, TOWNSHIP 24 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. WELL COMPLETION SCHEMATIC DIAGRAM

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

YOURS TRULY,

SOUTHERN UNION PRODUCTION COMPANY

(Handwritten signature)
GILBERT D. NOLAND, JR.
DRILLING SUPERINTENDENT

GDNJ:AY
ENCLOSURES

cc: NEW MEXICO OIL CONSERVATION COMMISSION
1000 RIO BRAZOS ROAD, AZTEC, NEW MEXICO 87410
PAN AMERICAN PETROLEUM CORPORATION
SECURITY LIFE BLDG., DENVER, COLORADO 80201
BENNY E. BECHTOL - EXPLORATION

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

Form C-107
5-1-61

Operator SOUTHERN UNION PRODUCTION COMPANY		County RIO ARriba	Date SEPTEMBER 15, 1970
Address P.O. Box 808, FARMINGTON, NEW MEXICO 87401		Lease JICARILLA #N#	Well No. 2
Location of Well N	Unit 3	Township 24 NORTH	Range 5 WEST

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 ☐
2. If answer is yes, identify one such instance: Order No. **MC-1879**; Operator Lease, and Well No.: **SOUTHERN UNION PRODUCTION COMPANY, JICARILLA #L# No. 3**

3. The following facts are submitted:		Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation		OTERO GALLUP		BASIN DAKOTA
b. Top and Bottom of Pay Section (Perforations)		5852 - 6048		6934 - 7002
c. Type of production (Oil or Gas)		OIL		GAS
d. Method of Production (Flowing or Artificial Lift)				FLOWING

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 type="checkbox"/> | <input checked="" 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 checked="" type="checkbox"/> | <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.

PAN AMERICAN PETROLEUM CORPORATION, SECURITY LIFE BUILDING, DENVER, COLORADO 80201

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐. If answer is yes, give date of such notification **SEPTEMBER 15, 1970**.

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

Gilbert D. Noland, Jr.
GILBERT D. NOLAND, JR. Signature

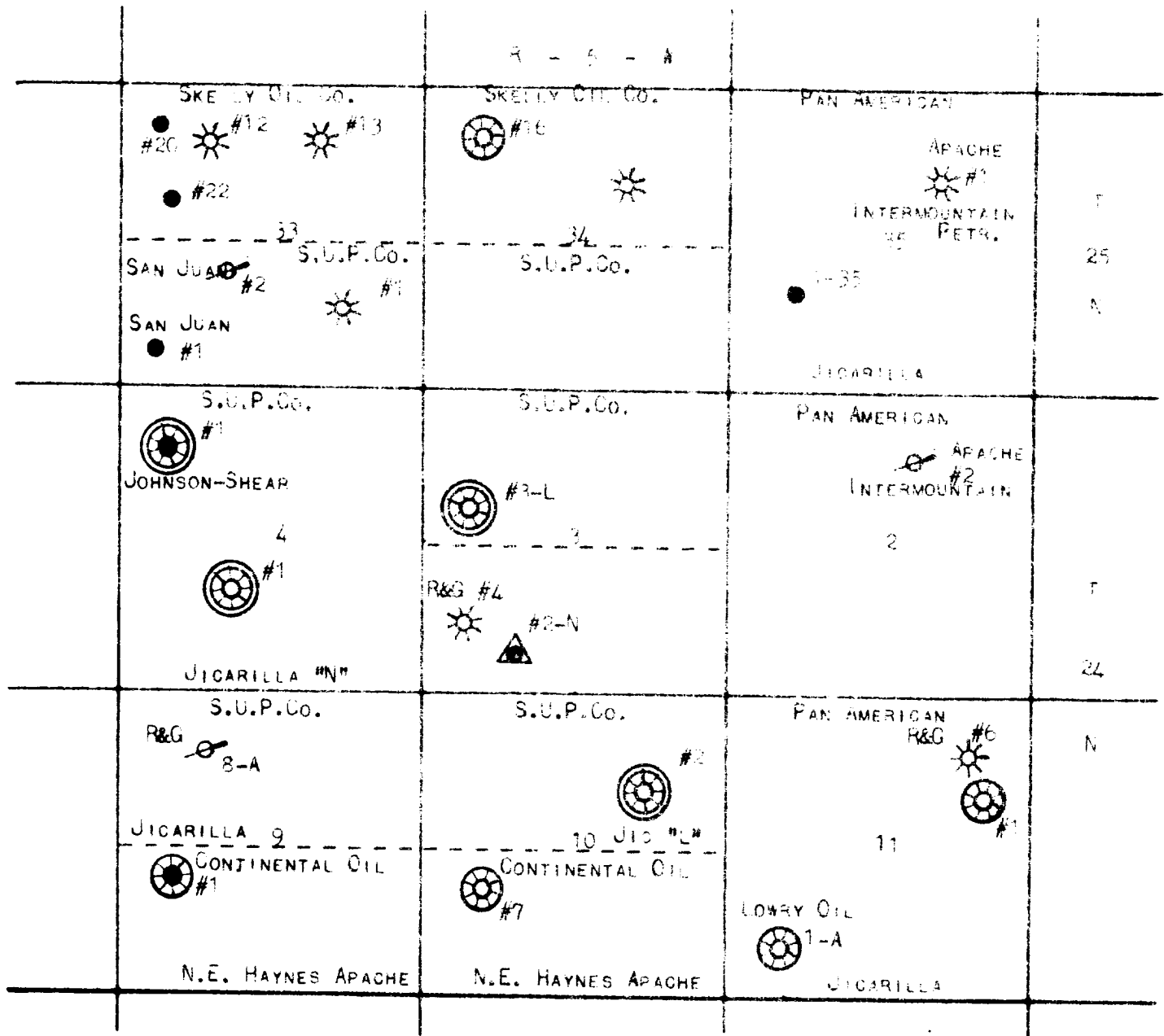
*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest 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.

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

WELL: JICARILLA "N" No. 1

LOCATION: 7901'S & 18401'W of SEC. 3, T-24N, R-4W
RIO ARriba COUNTY, NEW MEXICO



PROPOSED DAKOTA-GALLUP DUAL COMPLETION



DAKOTA-GALLUP DUAL



GALLUP



DAKOTA



PLUGGED & ABANDONED



PICTURED CLIFFS



DAKOTA-GALLUP-GREEN HORN



DAKOTA-GALLUP-CHACRA

SOUTHERN UNION PRODUCTION COMPANY

WELL: JICARILLA "N" No. 2

LOCATION: 790 FEET FROM THE SOUTH LINE &
1850 FEET FROM THE WEST LINE OF
SECTION 3, T-24N, R-5W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO.

FIELD: BASIN DAKOTA-OTERO GALLUP
DUAL COMPLETION

SURFACE CASING: 8-5/8", 24.0#, J-55 SET
303 FT. R.K.B. CEMENTED TO
SURFACE WITH 250 SACKS.

TOP CEMENT ON 3RD STAGE AT SURFACE

STAGE COLLAR SET AT 3583 FT. R.K.B.
CEMENTED W/1300 CU.FT. CEMENT

TOP CEMENT ON 2ND STAGE 3583 FT. R.K.B.

STAGE COLLAR SET AT 4991 FT. R.K.B.
CEMENTED W/375 CU.FT. OF CEMENT.

TOP CEMENT ON 1ST STAGE CEMENT 4991' R.K.B.

2-1/16", 3.25#, YCO-55 TUBING SET TO GALLUP
AT 6001 FT. R.K.B. TUBING PERFOR-
ATED FROM 5993-6001 FT.

BAKER 5 1/8" MODEL "D" PRODUCTION PACKER SET
AT 6770 FT. R.K.B.

2-1/16", 3.25#, YCO-55 TUBING SET TO DAKOTA.
LANDED AT 6955 FT. R.K.B. TUBING
PERFORATED FROM 6927-6935 FT. R.K.B.

5 1/8", 15.5#, K-55 PRODUCTION CASING SET AT
7059 FT. R.K.B. 1ST STAGE CEMENTED
W/600 CU.FT. CEMENT.

P.B.T.D. 7022 FT. R.K.B.
TOTAL DEPTH 7022 FT. R.K.B.

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

LARKIN FIG. 502, 5 1/8" CENTRALIZERS
RUN ON 32 FT. SPACING ACROSS GALLUP
FROM 5742 FT. - 6136 FT. R.K.B.
LARKIN 5 1/8" RECIPROCATING SCRATCHERS
RUN ON 10 FT. SPACING FROM 5742 FT.
TO 6136 FT. R.K.B.

5852 FT.
GALLUP PERFORATION

6048 FT.
LARKIN FIG. 502, 5 1/8" CENTRALIZERS
RUN ON 32 FT. SPACING AND 5 1/8"
RECIPROCATING SCRATCHERS RUN ON
10 FT. SPACING ACROSS DAKOTA FROM
6750-7045 FT. R.K.B.

6934 FT.
DAKOTA PERFORATION

7002 FT.

