

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

DATE 12-29-67

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

RE: Proposed NSP _____

Proposed NSL _____

Proposed NFO _____

Proposed DC _____

Gentlemen:

I have examined the application dated 12-7-67
for the Southern Union Prod Co Jicarilla E 57 P-15-26N-4W
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Approved

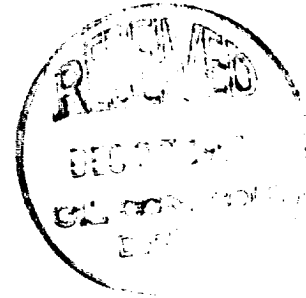
Yours very truly,

Cecilia C. ...
OIL CONSERVATION COMMISSION

SOUTHERN UNION PRODUCTION COMPANY

COPY

DECEMBER 14, 1967



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 "E" No. 7 WELL LOCATED 790 FEET FROM THE SOUTH LINE AND 790 FEET FROM THE EAST LINE OF SECTION 15, TOWNSHIP 26 NORTH, RANGE 4 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, PACKER-SETTING AFFIDAVIT AND WAIVER CONSENTING TO MULTIPLE COMPLETION.

YOURS VERY TRULY,

SOUTHERN UNION PRODUCTION COMPANY

Original signed by
GILBERT D. NOLAND, JR.

GILBERT D. NOLAND, JR.
DRILLING SUPERINTENDENT

GDN:rsay
ENCLOSURES

cc: BENNY E. BECHTOL - EXPLORATION
NEW MEXICO OIL CONSERVATION COMMISSION
1000 RIO BRAZOS ROAD, AZTEC, NEW MEXICO 87410
HUMBLE OIL & REFINING COMPANY
P. O. Box 120
DENVER, COLORADO 80201

SOUTHERN UNION PRODUCTION COMPANY

COPY

RECEIVED 11, 1963



NEW MEXICO OIL CONSERVATION COMMISSION
P. O. BOX 2000
SANTA FE, NEW MEXICO 87501
ATTENTION: Mr. A. M. FORTER

Dear Sir:

Enclosed are three (3) copies each of the following forms to
cover Southern Union Production Company's proposed well (W-1)
well location (W-1) from the south line and (W-2) from the
east line on the 10-10-10 Township 20 North Range 10 East, N.M.P.,
Rio Arriba County, New Mexico.

1. Application for Multiple Completion - Form W-101
2. Certificate of Well Completion
3. Certificate of Well Completion

Also enclosed is the (1) copy each of the enclosed well location
certificates and copies pertaining to multiple completion.

Yours very truly,

WALTER E. FORTER, JR., DIRECTOR

General Manager
SOUTHERN UNION PRODUCTION COMPANY
P. O. BOX 2000
SANTA FE, NEW MEXICO 87501

Enclosure
2-10-63

NEW MEXICO OIL CONSERVATION COMMISSION
1000 AIR STATION ROAD, S.W.
ALBUQUERQUE, NEW MEXICO 87102
HOMER L. B. RICHIE COMPANY
P. O. BOX 100
ALBUQUERQUE, NEW MEXICO 87102

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 DECEMBER 7, 1967
Address P. O. Box 808, FARMINGTON, NEW MEXICO		Lease JICARILLA *E*		Well No. 7
Location of Well	Unit P	Section 15	Township 26 NORTH	Range 4 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 XX NO _____
2. If answer is yes, identify one such instance: Order No. MC-1777; Operator Lease, and Well No.: SOUTHERN UNION PRODUCTION COMPANY JICARILLA *A* No. 8

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<u>UNDESIGNATED GALLUP</u>		<u>BASIN DAKOTA</u>
b. Top and Bottom of Pay Section (Perforations)	<u>7311 - 7330</u>		<u>7800 - 7980</u>
c. Type of production (Oil or Gas)	<u>GAS</u>		<u>GAS</u>
d. Method of Production (Flowing or Artificial Lift)	<u>FLOWING</u>		<u>FLOWING</u>

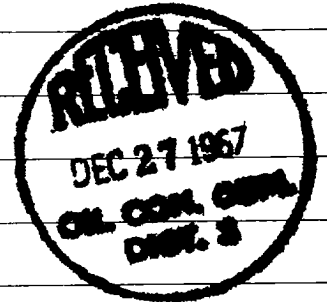
4. The following are attached. (Please check YES or NO)

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 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

P. O. Box 480, FARMINGTON, NEW MEXICO 87401



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

CERTIFICATE: I, the undersigned, state that I am the DRILLING 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
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.

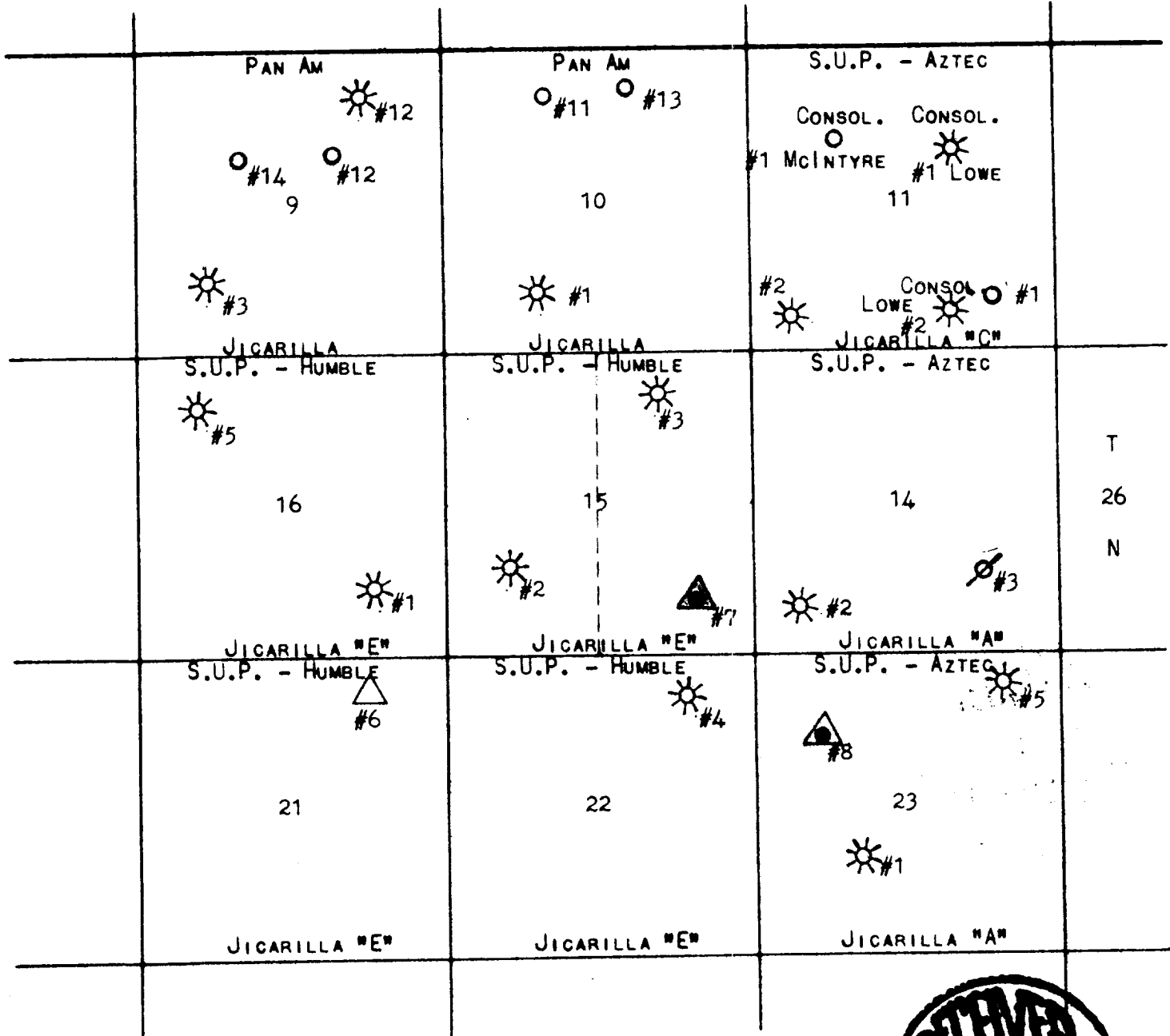


OFFSET OPERATOR'S PLAT
TO
SOUTHERN UNION PRODUCTION COMPANY'S

WELL: JICARILLA "E" No. 7

LOCATION: 790 FT./SOUTH LINE & 790 FT./EAST LINE,
SEC. 15, TOWNSHIP 26 NORTH, RANGE 4 WEST, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO

R - 4 - W



- PROPOSED DAKOTA - GALLUP DUAL COMPLETION
- DAKOTA - GALLUP DUAL COMPLETION
- DAKOTA
- PLUGGED PICTURED CLIFFS
- PICTURED CLIFFS
- GALLUP





SURFACE HOLE SIZE - 15"
INTERMEDIATE HOLE SIZE - 9-7/8"
PRODUCTION HOLE SIZE - 6-3/4"

SURFACE CASING: 10-3/4", 32.75#, H-40,
SET AT 337 FT. R.K.B. CEMENTED TO
SURFACE W/250 SACKS CEMENT.

TOP CEMENT ON 7-5/8" CASING AT 3510 FT
R.K.B.

TOP LINER: 5-1/2", 15.50#, J-55 CSG. AT
3678 FT. R.K.B. TOP CEMENT ON 5-1/2"
LINER AT 3678 FT. R.K.B.

INTERMEDIATE CASING: 7-5/8", 26.40#,
J-55 SET AT 3844 FT. R.K.B. CEMENTED
w/300 CU.FT. CEMENT.



1-1/2" INTEGRAL JOINT, 2.75#, JCW TBG.
SET TO GALLUP. LANDED AT 7317 FT. RKB

2-1/16" O.D. BAKER BLAST JOINTS RUN
ACROSS GALLUP PERFORATIONS. TOP AT
7297 FT., BOTTOM AT 7338 FT. R.K.B.

1-1/2" E.U.E., 2.90#, JCW TBG. SET TO
DAKOTA. LANDED AT 7877 FT. R.K.B.

BAKER 5-1/2" MODEL "D" PRODUCTION
PACKER SET AT 7700 FT. R.K.B.

BOTTOM 5-1/2" LINER AT 8044 FT. R.K.B.
CEMENTED TO TOP LINER W/625 CU.FT.
CEMENT. (5-1/2", 15.50#, J-55 CASING RUN
FOR LINER)

P.B.T.D. 8010 FT. R.K.B.

TOTAL DEPTH 8044 FT. R.K.B.

GALLUP PERFORATIONS
7311 FT. - 7330 FT.
R.K.B.

DAKOTA PERFORATIONS
7800 FT - 7980 FT.
R.K.B.