

SOUTHERN UNION PRODUCTION COMPANY

COPY

December 27, 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. 8 well located 1190 feet from the North line and 1480 feet from the West 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

B. R. Vanderslice

B. R. Vanderslice
Drilling Superintendent

BRV:ay
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

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

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

DATE 1 - 2 - 68

RE: Proposed NSP _____

Proposed NSL _____

Proposed NFO _____

Proposed DC ✓ _____

Gentlemen:

I have examined the application dated 12-27-67
for the Southern Union Production Co. - Alcarilla #8 C-15-262-414
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Approved

Yours very truly,

Ernest C. ...
OIL CONSERVATION COMMISSION

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 12/27/67
Address P.O. Box 808, Farmington, New Mexico 87401		Lease Jicarilla "E"	Well No. 8
Location of Well C	Unit 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 _____ NO XX
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	Undesignated Gallup		Basin Dakota
b. Top and Bottom of Pay Section (Perforations)	7168 - 7182		7648 - 7834
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

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

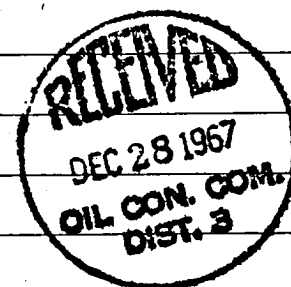
- | | | |
|-------------------------------------|--------------------------|---|
| Yes | No | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or 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 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 12/12/67.

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.

B. B. Vandushee
Signature

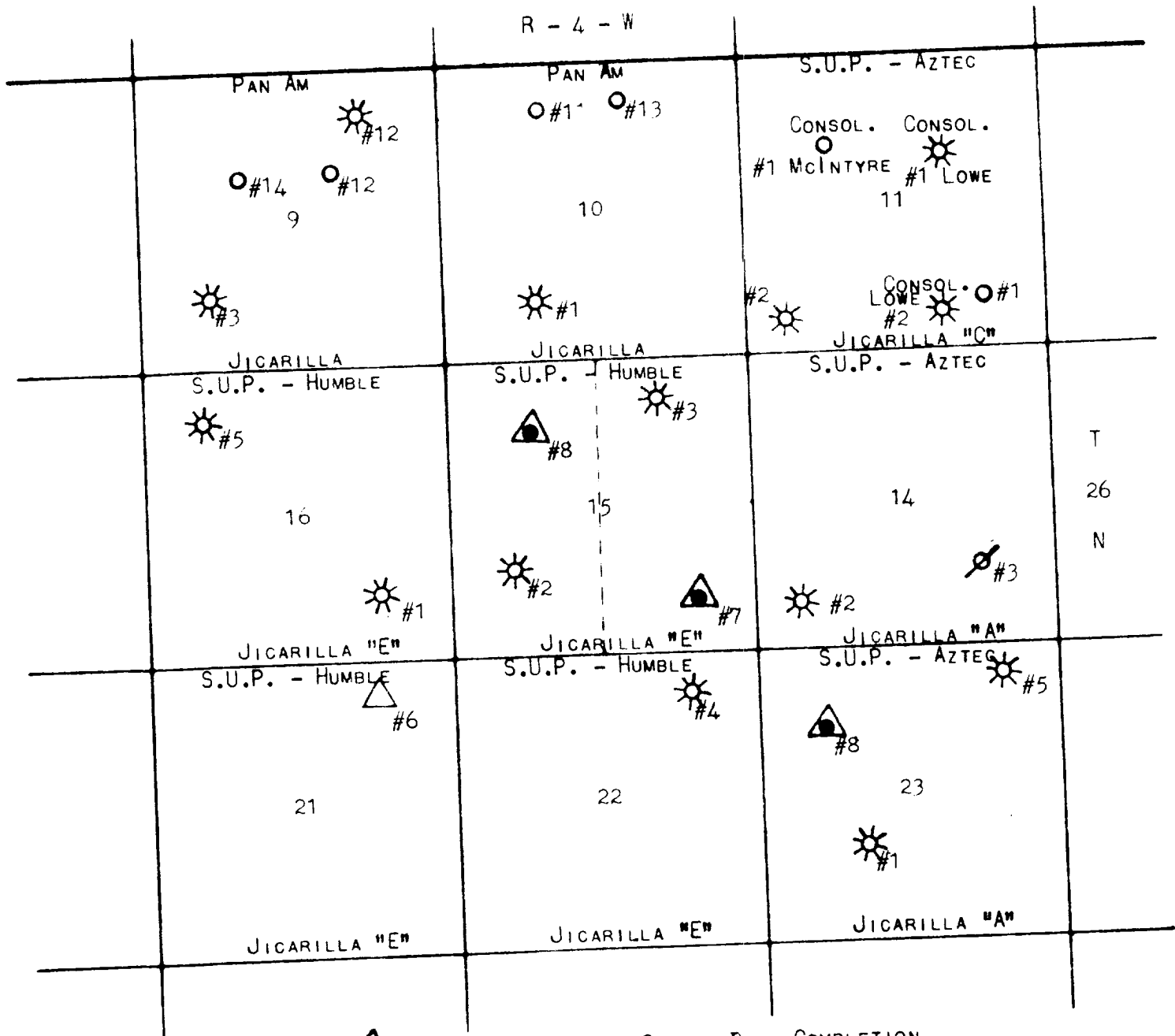
*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest 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. 8

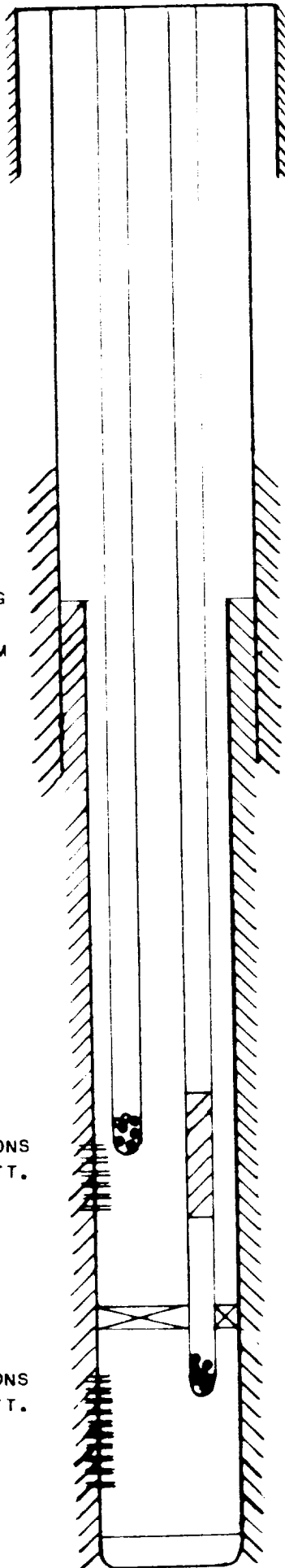
LOCATION: 1190 FT. FROM NORTH LINE &
1480 FT. FROM WEST LINE OF SEC. 15,
TOWNSHIP 26 NORTH, RANGE 4 WEST,
RIO ARriba COUNTY, NEW MEXICO



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

SOUTHERN UNION PRODUCTION COMPANY
(DIAGRAMMATIC SKETCH OF DUAL COMPLETION)

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



WELL: JICARILLA "E" No. 8
LOCATION: 1190 FT. FROM NORTH LINE &
1480 FT. FROM WEST LINE OF
SEC. 15, T-26N, R-4W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO.
POOL: BASIN DAKOTA - UNDESIGNATED DAKOTA
DUAL COMPLETION.

SURFACE CASING: 10-3/4", 32.75#, H-40
SET AT 324 FT. R.K.B. CEMENTED TO
SURFACE W/250 SACKS CEMENT.

TOP CEMENT ON 7-5/8" CASING AT 1330 FT.
R.K.B.

TOP LINER: 5-1/2", 15.50#, J-55 CSG. AT
3578 FT. R.K.B.
TOP CEMENT ON 5-1/2" LINER AT 3578 FT.
R.K.B.

INTERMEDIATE CASING: 7-5/8", 26.40#,
J-55 SET AT 3718 FT. R.K.B. CEMENTED
W/350 CU.FT. CEMENT.

1-1/2" INTEGRAL JOINT, 2.75#, JCW TBG.
SET TO GALLUP. LANDED AT 7177 FT. R.K.B.

2-1/16" O.D. BAKER BLAST JOINTS RUN ACROSS
GALLUP PERFORATIONS. TOP AT 7160 FT.
BOTTOM AT 7190 FT. R.K.B.

1-1/2" E.U.E., 2.90#, JCW TBG. SET TO
DAKOTA. LANDED AT 7715 FT. R.K.B.

BAKER 5-1/2" MODEL "D" PRODUCTION PACKER
SET AT 7545 FT. R.K.B.

BOTTOM 5-1/2" 15.50#, J-55 LINER AT 7902
FT. R.K.B. CEMENTED TO TOP OF LINER
W/ 675 CU.FT. CEMENT.

P.B.T.D. 7885 FT. R.K.B.

TOTAL DEPTH 7905 FT. R.K.B.

LARKIN FIG 905, 7-5/8" CASING
CENTRALIZERS RUN ON 30 FT.
SPACING ON 7-5/8" CASING FROM
3448 FT. TO 3718 FT. R.K.B.

GALLUP PERFORATIONS
7168 FT. - 7182 FT.
R.K.B.

DAKOTA PERFORATIONS
7648 FT. - 7834 FT.
R.K.B.