

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

DATE 9-5-68

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

RE: Proposed NSP _____

Proposed NSL _____

Proposed NFO _____

Proposed DC X _____

Gentlemen:

I have examined the application dated 9-2-68
for the Southern Union Prod. Co. Jicavilla #9 B-16 26N-4W
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 ARGIDA	Date 9/2/68
Address P. O. BOX 808, FARMINGTON, NEW MEXICO		Lease MICARILLA E	Well No. 7
Location of Well B	Unit 16	Township 26 NORTH	Range 7 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. _____; Operator Lease, and Well No.: _____

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	A. AGITO FRACTURED CLIFFS		BASIN DAKOTA
b. Top and Bottom of Pay Section (Perforations)	3004 - 3026		7987 - 8176
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)

- | | | |
|-------------------------------------|--------------------------|---|
| <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 549

DENVER, COLORADO 80203



6. Were all operators listed in 5 above notified and furnished a copy of this application? YES NO _____. If answer is yes, give date of such notification **9/2/68**.

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.

JICARILLA "E" No. 9
1135 FT. FROM THE NORTH LINE AND 1605 FT.
FROM THE EAST LINE OF SECTION 16,
TOWNSHIP 26 NORTH, RANGE 4 WEST, N.M.P.M.
RIO ARRIBA COUNTY, NEW MEXICO.

**BASIN DAKOTA-TAPACITO PICTURED CLIFFS
DUAL COMPLETION**

SURFACE CASING 10-3/4", 32.75#, H-40 SET
AT 385 FT. R.K.B. CEMENTED TO SURFACE
WITH 325 SACKS CEMENT.

TOP CEMENT ON 7-5/8" CASING AT 2600
FEET R.K.B.

1-1/2" INTEGRAL JOINT 2.75#, JCW TBG.
SET TO PICTURED CLIFFS. LANDED AT
3810 FT. R.K.B. 2-1/16" OD BAKER BLAST
JOINTS RUN ACROSS PICTURED CLIFFS
PERFORATIONS; TOP AT 3789 FT.; BOTTOM
AT 3829 FT. R.K.B.

TOP LINER ON 4-1/2", 10.50#, J-55
CSG. AT 3890 FT. R.K.B.

TOP CEMENT ON 4-1/2" LINER AT 3890 FT.
R.K.B.

INTERMEDIATE CASING: 7-5/8", 26.40#,
J-55 CASING SET AT 4034 FT. R.K.B.
CEMENTED WITH 350 CU. FT. CEMENT.



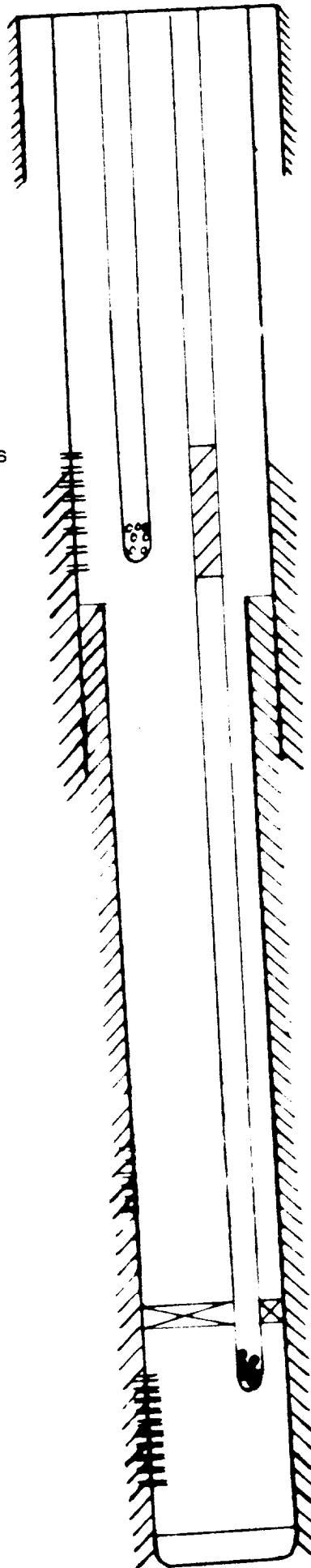
4-1/2" BAKER MODEL "D" PRODUCTION
PACKER SET AT 7900 FT. R.K.B.

2-3/8", 4.70#, J-55 TBG. SET TO DAKOTA,
LANDED AT 7904 FT. R.K.B.

BOTTOM 4-1/2", 10.50#, J-55 LINER AT
8220 FT. R.K.B. CEMENTED TO TOP OF
LINER W/900 CU. FT. CEMENT.

P.B.T.D. 8196 FT. R.K.B.
TOTAL DEPTH 8222 FT. R.K.B.

SURFACE HOLE SIZE-13-3/4"
INTERMEDIATE HOLE SIZE -
9-7/8"
PRODUCTION HOLE SIZE -
6-3/4"



PICTURED CLIFFS PERFORATIONS
3804 - 3826 FT. R.K.B.

LARKIN FIG. 905, 7-5/8"
CASING CENTRALIZERS RUN
ON 30 FT. SPACING ON 7-5/8"
CASING FROM 3734 FT. TO
4034 FT. R.K.B.

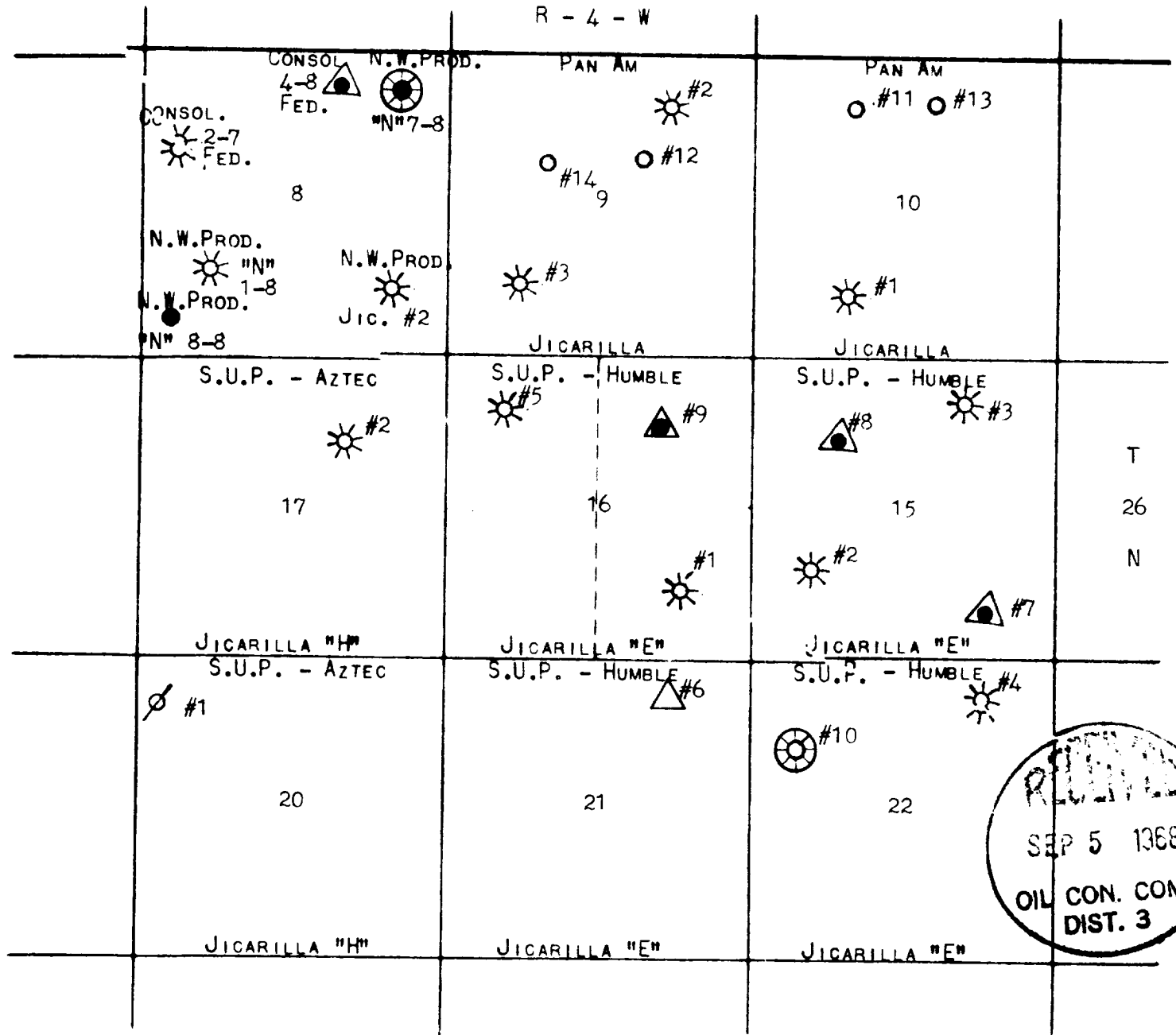
DAKOTA PERFORATIONS
7987 - 8174 FT. R.K.B.












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

WELL: JICARILLA "E" No. 9

LOCATION: 1135 FT. FROM NORTH AND 1605 FT. FROM EAST
SECTION 16, TOWNSHIP 26 NORTH, RANGE 4 WEST
RIO ARriba COUNTY, NEW MEXICO



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