

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

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

DATE 8-12-68
RE: Proposed NSP _____
Proposed NSL _____
Proposed NFO _____
Proposed DC _____

Gentlemen:

I have examined the application dated 8-8-68
for the SOUTHERN VULCAN RENT CO. JICARILLA E#10 1-22-26-4
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Approved

Yours very truly,

Carroll H. Smith
OIL CONSERVATION COMMISSION

SOUTHERN UNION PRODUCTION COMPANY

COPY

AUGUST 8, 1968

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

ATTENTION: M.R. 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. 10 WELL LOCATED 1720 FEET FROM THE SOUTH LINE AND 790 FEET FROM THE EAST LINE, SECTION 22, 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 AND PACKER-SETTING AFFIDAVIT.

YOURS VERY TRULY,

SOUTHERN UNION PRODUCTION COMPANY

Original signed by
GILBERT D. NOLAND, JR.

GILBERT D. NOLAND, JR.
DRILLING SUPERINTENDENT

GDNUR: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



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

Form 1-1-57
Reg. 1

Operator SOUTHERN UNION PRODUCTION COMPANY	County RIO ARriba	Date 8/8/68
Address P. O. Box 808, FARMINGTON, NEW MEXICO 87401	Lease JICARILLA #E*	Well No. 10
Section 1	Section 22	Section 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.: _____

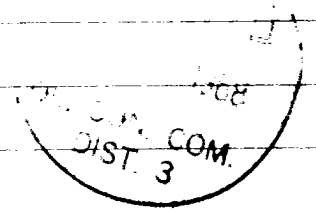
3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	TAPACITO PICTURED CLIFFS		BASIN DAKOTA
b. Top and Bottom of Pay Section (Perforations)	3576 - 3602		7760 - 7978
c. Type of production (Oil or Gas)	GAS		GAS
d. Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING

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

Yes	No	
XX		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.
XX		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.
XX		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.*
XX		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.

SOUTHERN UNION PRODUCTION COMPANY OWNS ALL OFFSET ACREAGE



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 _____.

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.

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

*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 perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

SOUTHERN UNION PRODUCTION COMPANY
JICARILLA "E" NO. 10

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

1720 FT. FROM SOUTH LINE & 790 FT. FROM
EAST LINE, SECTION 22, TOWNSHIP 26 NORTH,
RANGE 4 WEST, N.M.P.M., RIO ARriba COUNTY
NEW MEXICO.

BASIN DAKOTA - TAPACITO PICTURED CLIFFS
DIA. CORRELATION

SURFACE CASING: 10-3/4", 32.75#, H-40 SET
AT 315 FT. R.K.B. CEMENTED TO SURFACE
WITH 225 SACKS CEMENT.

TOP CEMENT ON 7-5/8" CASING AT 2650 FT.
R.K.B.

1-1/2" INTEGRAL JOINT, 2.75#, JCW TBG.
SET TO PICTURED CLIFFS. LANDED AT 3591 FT.
R.K.B. 2-1/16" OD BAKER BLAST JOINTS RUN
ACROSS PICTURED CLIFFS PERFORATIONS; TOP
AT 3570 FT., BOTTOM AT 3610 FT. R.K.B.

TOP LINER 4-1/2", 10.50#, J-55 CSG. AT
3687 FT. R.K.B.

TOP CEMENT ON 4-1/2" LINER AT 3687 FT. RKB

INTERMEDIATE CASING: 7-5/8", 26.40#, J-55
CASING SET AT 3837 FT. R.K.B. CEMENTED
WITH 350 CU. FT. CEMENT.

PICTURED CLIFFS PERFORATIONS
3576 - 3602 FT. R.K.B.

LARKIN FIG. 905, 7-5/8" CASING
CENTRALIZERS RUN ON 30 FT.
SPACING ON 7-5/8" CASING
FROM 3537 FT. TO 3837 FT.
R.K.B.



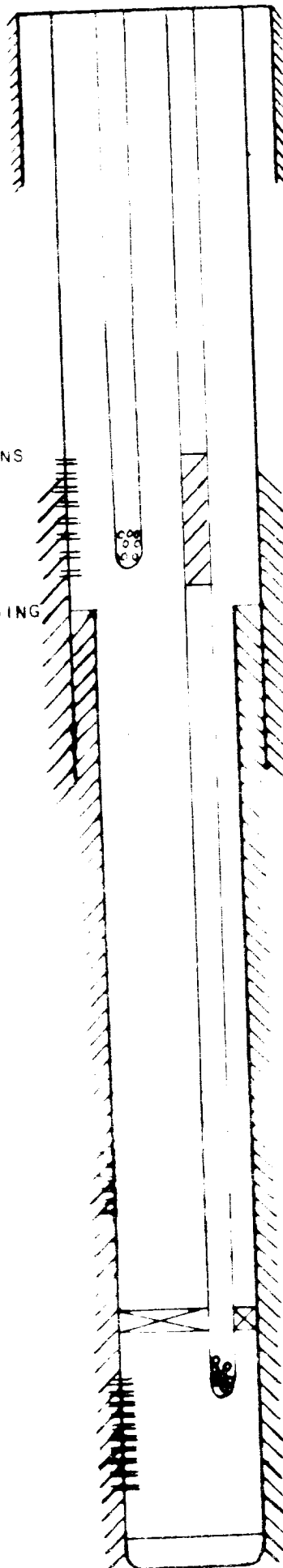
DAKOTA PERFORATIONS
7760 - 8024 FT. R.K.B.

4-1/2" BAKER MODEL "D" PRODUCTION PACKER
SET AT 7690 FT. R.K.B.

1-1/2", E.U.E., 2.90#, JCW TBG. SET TO
DAKOTA, LANDED AT 7694 FT. R.K.B.

BOTTOM 4-1/2" 10.50#, J-55 LINER AT 8062
FT. R.K.B. CEMENTED TO TOP OF LINER
W/950 CU. FT. CEMENT.

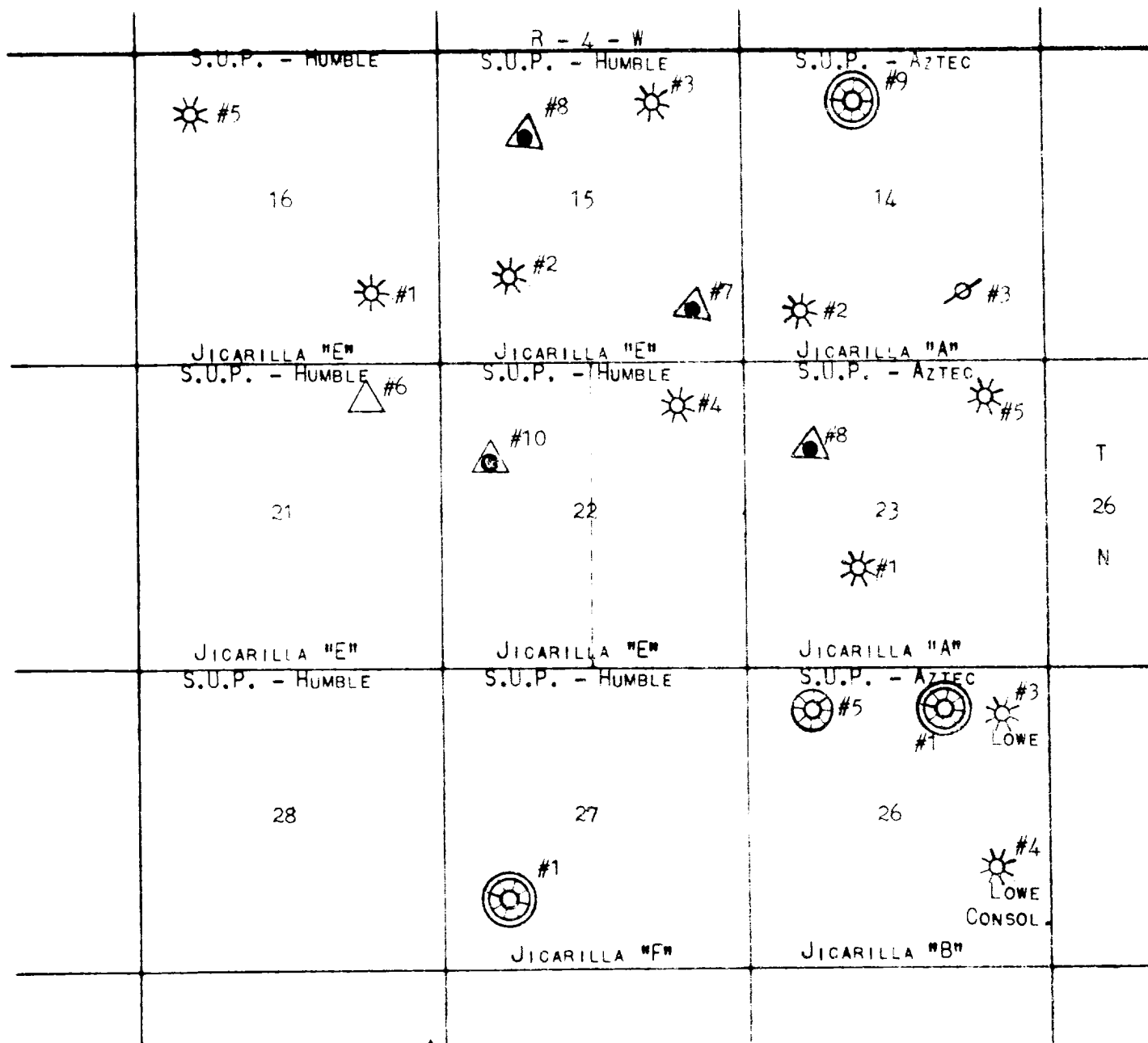
P.B.T.D. 8040 FT. R.K.B.
TOTAL DEPTH 8065 FT. R.K.B.










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

WELL: JICARILLA "E" No. 10

LOCATION: 1720 FT. FROM SOUTH LINE AND 790 FT. FROM EAST LINE,
SECTION 22, 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
-  GALLUP
-  DAKOTA-MESAVERDE DUAL

