

OIL CONSERVATION COMMISSION
3 DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 11 15 71

Re: Proposed NSP _____

Proposed NWU _____

Proposed NSL _____

Proposed NFO _____

Proposed MC ✓

Gentlemen:

I have examined the application dated 11 11 71
for the Southern Union Producing Co. Lease and Well No. H # 13 E-13-261-4W
Operator _____

and my recommendations are as follows:

Oppose

Yours very truly,

Leary E. Hunt

NOVEMBER 12, 1971

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 "A" No. 13 WELL LOCATED
1850 FEET FROM THE NORTH LINE AND 790 FEET FROM THE WEST LINE OF
SECTION 13, 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 PACKER-SETTING AFFIDAVITS
AND E. S. INDUCTION LOG.

YOURS VERY TRULY,

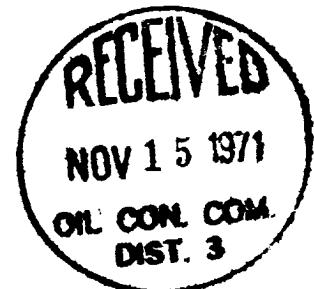
SOUTHERN UNION PRODUCTION COMPANY

Dan R. Collier

DAN R. COLLIER
OFFICE MANAGER

DRC:BJB
ENCLOSURES

cc: BENNY E. BECHTOL - EXPLORATION
AZTEC OIL & GAS COMPANY
P.O. DRAWER 570, FARMINGTON, N. M. 87401
AZTEC OIL & GAS COMPANY
2000 1ST NAT'L BANK BLDG., DALLAS, TEXAS 75202
NEW MEXICO OIL CONSERVATION COMMISSION
1000 RIO BRAZOS ROAD, AZTEC, N. M. 87410
CONSOLIDATED OIL & GAS, INC.
1300 LINCOLN TOWER BLDG., DENVER, COLO. 80203



Page 1

RECEIVED
JAN 10 1967
U.S. AIR FORCE
HONOLULU, HAWAII

TO: SAC, HONOLULU (100-100000)
FROM: SAC, SAN FRANCISCO (100-100000)
SUBJECT: [Illegible]
[Illegible text follows]



[Illegible text continues]

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 NOVEMBER 11, 1971
Address P.O. Box 808, Farmington, New Mexico		Lease JICARILLA "A"	Well No. 13
Location of Well E	Unit 13	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.: _____

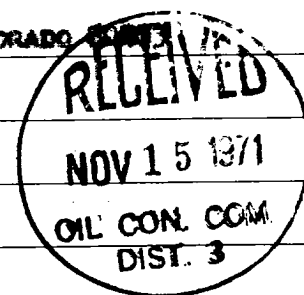
3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	TAPACITO PICTURED CLIFFS		BADIN DAKOTA
b. Top and Bottom of Pay Section (Perforations)	3595 - 3622		7745 - 7741
c. Type of production (Oil or Gas)	GAS		GAS
d. Method of Production (Flowing or Artificial Lift)	FLOW		FLOW

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.

CONSOLIDATED OIL AND GAS, INC., 1300 LINCOLN TOWER BLDG., DENVER, COLORADO 80202



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 NOVEMBER 13, 1971.

CERTIFICATE: I, the undersigned, state that I am the OFFICE MANAGER 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.

Dan R. Collier
DAN R. COLLIER

Signature **OFFICE MANAGER**

*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.

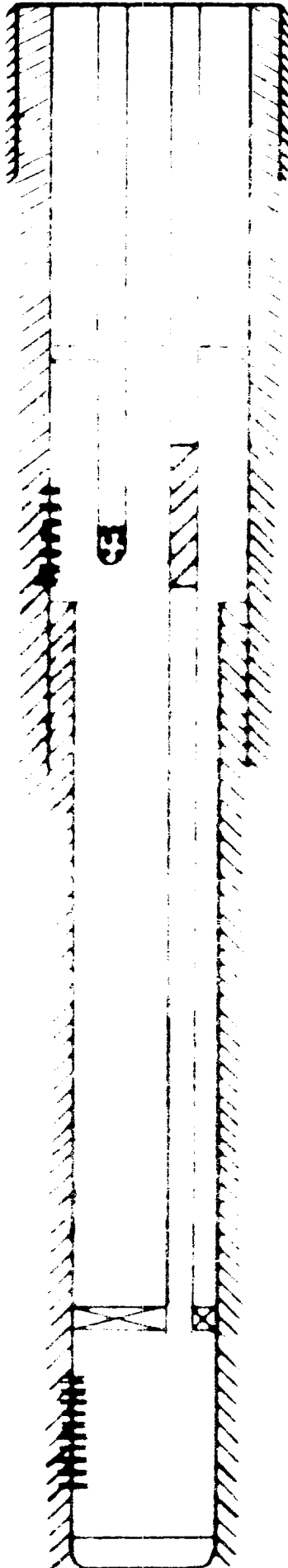
NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

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

PICTURED CLIFFS PERFORATIONS
 3558 FT. TO 3622 FT. R.K.B.

LARKIN FIG. 905, 7-5/8" CSG.
 CENTRALIZERS RUN ON 60 FT.
 SPACING ON 7-5/8" CSG. FROM
 3377 FT. R.K.B. TO 3797 FT.
 R.K.B.

DAKOTA PERFORATIONS
 7746 FT. TO 7941 FT. R.K.B.



SOUTHERN UNION PRODUCTION COMPANY
 JICARILLA "A" No. 13
 1850 FT./NORTH LINE & 790 FT./WEST LINE
 OF SEC. 13, T-26N, R-4W, N.M.P.M. RIO
 ARriba COUNTY, NEW MEXICO.
 BASIN DAKOTA - TAPACITO PICTURED CLIFFS
 DUAL COMPLETION

SURFACE CSG: 10-3/4", 32.75#, H-40 CSG.
 SET AT 299 FT. R.K.B. CEMENTED TO SURFACE
 W/250 SACKS CEMENT.
 TOP CEMENT ON 2ND STAGE 7-5/8" TO SURFACE
 CEMENTED W/800 CU. FT. CEMENT

7-5/8" BAKER STAGE COLLAR SET AT 1915 FT.
 R.K.B.

INTERMEDIATE CSG: 7-5/8", 26.40#, K-55
 CASING. SET AT 3797 FT. R.K.B.

TOP CEMENT ON 1ST STAGE 7-5/8" AT 3797 FT.
 R.K.B.

2.33" O.D. BAKER BLAST JTS. RUN ACROSS
 PICTURED CLIFFS PERFORATIONS FROM 3546 FT.
 TO 3626 FT. R.K.B.

1-1/2" I.J., 2.76#, YCO-55 TBG. TO
 PICTURED CLIFFS. LANDED AT 3580 FT. RKB

LINER: 4-1/2", 10.50#, K-55 CASING. TOP
 OF LINER AT 3670 FT. R.K.B. BOTTOM OF
 LINER AT 7992 FT. R.K.B. LINER CEMENTED
 TO TOP (3670 FT.) W/1050 CU. FT. CEMENT

1-1/2", E.U.E. 2.90#, YCO-55 TBG. SET TO
 DAKOTA. LANDED IN PRODUCTION PACKER AT
 7701 FT. R.K.B.

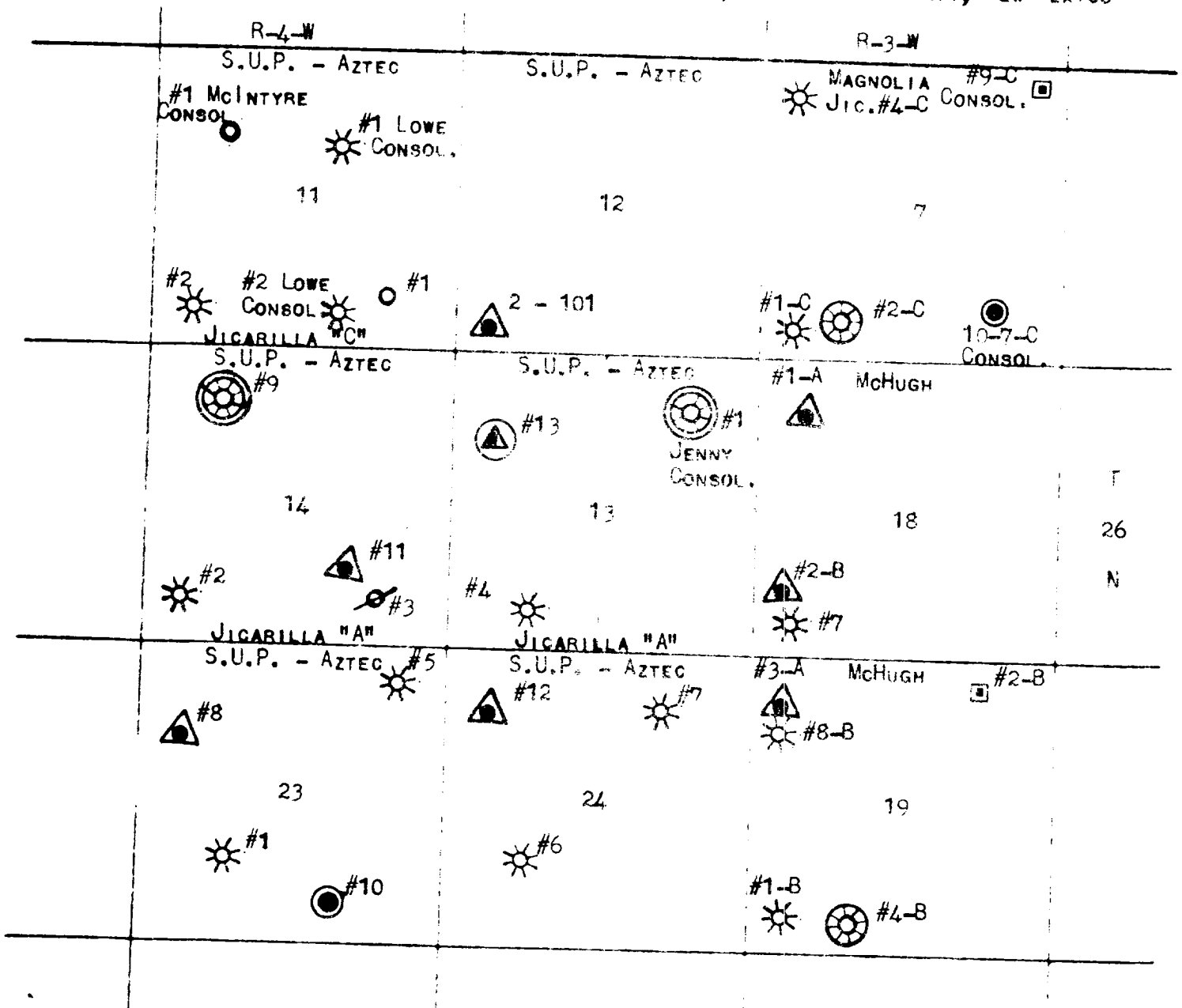
4-1/2" BAKER MODEL "D" PRODUCTION PACKER
 SET AT 7701 FT. R.K.B.

P.B.T.D. 7956 FT. R.K.B.
 TOTAL DEPTH 8000 FT. R.K.B.

OFFSET OPERATOR'S PLAT
 SOUTHERN UNION PRODUCTION COMPANY'S

WELL: JICARILLA "A" No. 13

LOCATION: 1850 FT. FROM THE NORTH LINE AND 790 FT. FROM THE
 WEST LINE OF SECTION 13, TOWNSHIP 26 NORTH, RANGE 4
 WEST, N.M.P.M., RIO ARriba COUNTY, NEW MEXICO



- | | | |
|--|---|--|
| | PROPOSED DAKOTA - PICTURED CLIFFS DUAL COMPLETION | |
| | EXISTING DAKOTA - PICTURED CLIFFS DUAL | |
| | DAKOTA - MESAVERDE DUAL | |
| | DAKOTA - GALLUP DUAL | |
| | MESAVERDE - PICTURED CLIFFS DUAL | |
| | PICTURED CLIFFS | |
| | MESAVERDE | |

PACKER-SETTING AFFIDAVIT
(Dual Completions)

STATE OF NEW MEXICO)
County of SAN JUAN) ss

J. H. MADDEN, being first duly sworn according to law, upon his oath deposes and says:

That he is of lawful age and has full knowledge of the facts herein below set out.

That he is employed by BAKER OIL TOOLS in the capacity of OIL FIELD SERVICE ENGINEER and as such is its authorized agent.

That on SEPTEMBER 29, 1971, he personally supervised the setting of a MODEL "D" 4 1/2" in SOUTHERN UNION PRODUCTION COMPANY's
(Make and Type of Packer) (Operator)

JICARILLA "A" Well No. 13, located in Unit
(lease)
Letter E, Section 13, Township 26 NORTH, Range 4 WEST, NMPM,
RIO ARRIBA County, New Mexico.

That said packer was set at a subsurface depth of 7701 feet,
said depth measurement having been furnished by GO - INTERNATIONAL.

That the purpose of setting this packer was to effect a seal in the annular space between the two strings of pipe where the packer was set so as to prevent the commingling, within the well-bore, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer. That this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

Baker Oil Tools Inc.
(Company)

J. H. Madden
(Sub Agent)

Subscribed and sworn to before me this the 11TH day of Nov., AD
1971.

Samuel E. Keady
Notary Public in and for the County
of San Juan, New Mexico

MY COMMISSION EXPIRES APRIL 4, 1972

My Commission Expires _____.