

OIL CONSERVATION COMMISSION
lytac DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 1-31-77

RE: Proposed MC
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated 1-17-77
for the Southern Shinarump Pool Helms Federal #1A C-22-20N-10W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours very truly,

AR Kendrick

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 San Juan	Date January 17, 1977
Address P. O. Box 808, Farmington, New Mexico		Lease Helms Federal	Well No. 1-A
Location of Well G	Unit 22	Township 30 North	Range 10 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 **X**
2. If answer is yes, identify one such instance: Order No. _____ ; Operator Lease, and Well No.: _____

3. The following facts are submitted:

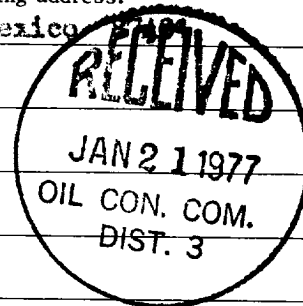
	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Aztec Pictured Cliff		Blanco Mesaverde
b. Top and Bottom of Pay Section (Perforations)	2976 - 2997 Ft.		4621 & 5300 Ft.
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

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.

El Paso Natural Gas Company, P. O. Box 990, Farmington, New Mexico



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

CERTIFICATE: I, the undersigned, state that I am the **Production 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
James N. Bonaventura

James N. Bonaventura 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.

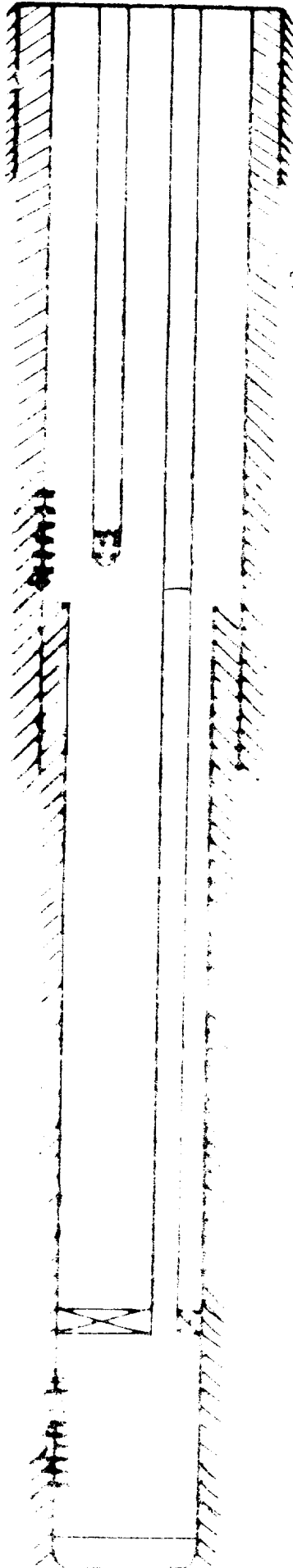
NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

Surface hole - 13-3/4"
Intermediate hole - 8-3/4"
Liner Hole - 6-1/4"

Pictured Cliffs
Tbg. 1-1/4" I.J. 2.33#, J-55
set at 2990 ft. R.K.B.

Pictured Cliffs
Perfs 2976 - 2997 ft. R.K.B.

Mesaverde
Perfs - 4621 - 5300 ft. R.K.B.



SOUTHERN UNION PRODUCTION COMPANY
HELMS FEDERAL #1-A
790 Ft. from the North line & 1850 Ft.
from the West line, Sec. 22, T-30N,
R-10W, N.M.P.M., San Juan County,
New Mexico.

10-3/4", 30.0#, X-42 surface casing
set @ 218 ft. R.K.B. Cemented with
150 sacks, cement circulated.

Top cement on 7" at 1500 ft. R.K.B.

7" casing set at 3151 Ft. R.K.B.
Cemented with 230 sacks.

Top cement on 4-1/2" casing at
3700 Ft. R.K.B.

4-1/2" casing set at 5426 ft. R.K.B.
Cemented with 310 sacks.

Mesaverde - 2-1/16" I.J. 3.25#, J-55
Tubing set in packer at 4570 Ft. K.B.



Baker Model "F" 4-1/2" Production
Packer set at 4570 ft. R.K.B.

P.B.T.D. 5400 Ft. R.K.B.
T.D. 5426 Ft. R.K.B.