

APPLICATION FOR MULTIPLE COMPLETION

Mesa Grande Resources, Inc.

Rio Arriba

March 7, 1984

Operator 1200 Philtower Bldg., Tulsa, OK		County Howard	Date Gavilan-Howard #1
Address 74103		Lease	Well No.
Location of Well Unit F	Section 23	Township 25N	Range 2W

All Applicants for multiple completion must complete Items 1 and 2 below.

1. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Gavilan Mancos		Basin Dakota/Greenhorn
b. Top and Bottom of Pay Section (Perforations)	6659-7370 (gross)		7531-7647 (gross) 7665-7832 (gross)
c. Type of production (Oil or Gas)	Gas & Oil		Gas & Oil
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
e. Daily Production ☐ Actual ☒ Estimated Oil Bbls. Gas MCF Water Bbls.	3272 MCFCG 127 BO		2900 MCFCG 72 BO

2. The following must be attached:

- 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.
- 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.
- 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.)

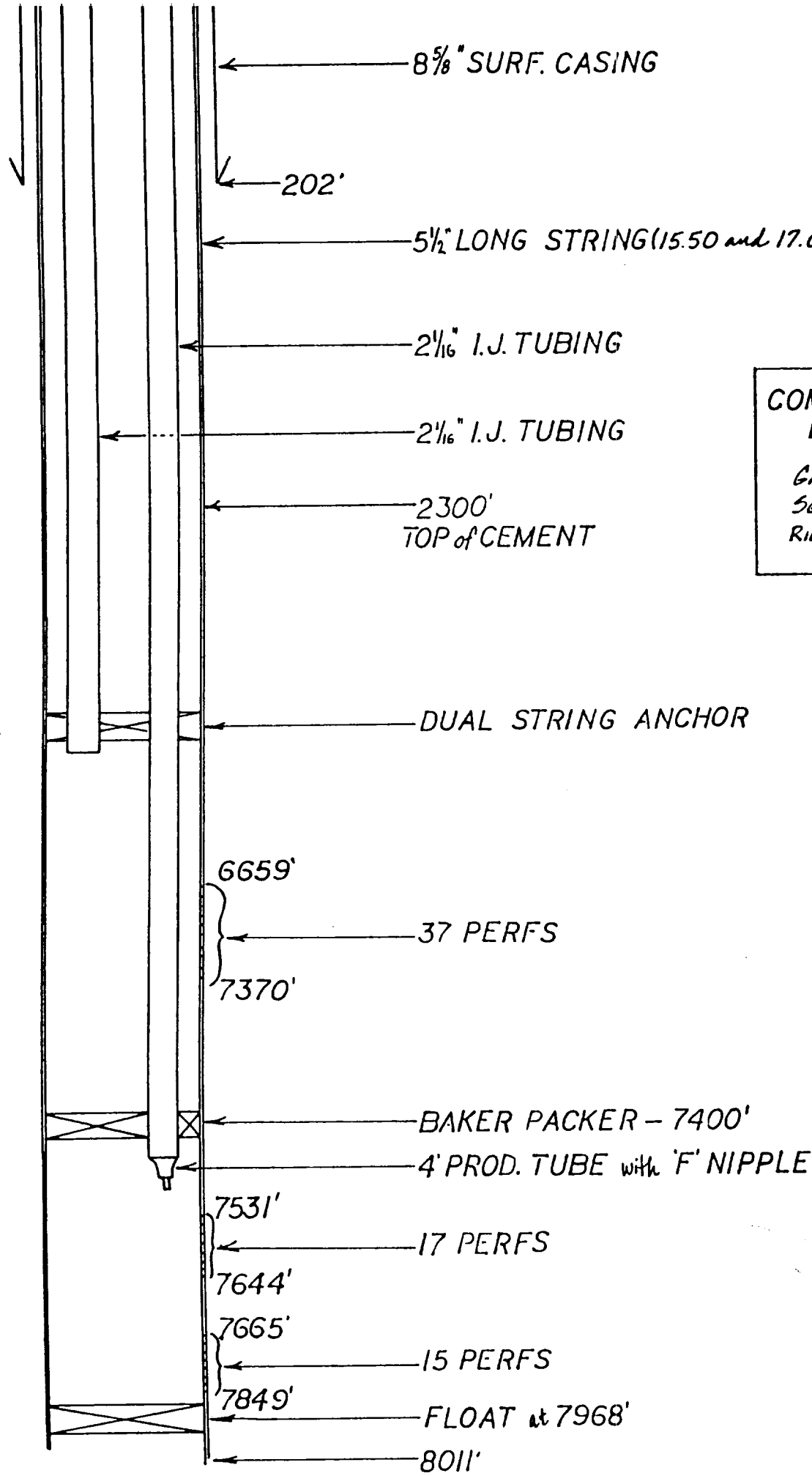
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed D. J. Arguimbau Title Chief Geologist Date April 12, 1984

(This space for State Use)

Approved By Charles E. Nelson Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date MAY 07 1984

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.



COMPLETION
DIAGRAM for
GAVILAN-HOWARD #1
Section 23, 25N-2W
Rio Arriba County, N.M.

OFFSET OPERATORS

GAVILAN-HOWARD #1
SE NW Sec. 23-T25N-R2W
Rio Arriba County, New Mexico

Mr. Darrell Gillen
Northwest Pipeline Corporation
Post Office Box 1526
Salt Lake City, Utah 84110-1526

Mr. Chris Dimond
Texaco Inc.
Post Office Box 2100
Denver, Colorado 80201

Mr. Dewey F. Bartlett, Jr.
Keener Oil Company
320 South Boston Building
Suite 406
Tulsa, Oklahoma 74103

Mr. Tommy Roberts
Dugan Production Corp.
Post Office Box 208
Farmington, New Mexico 87499

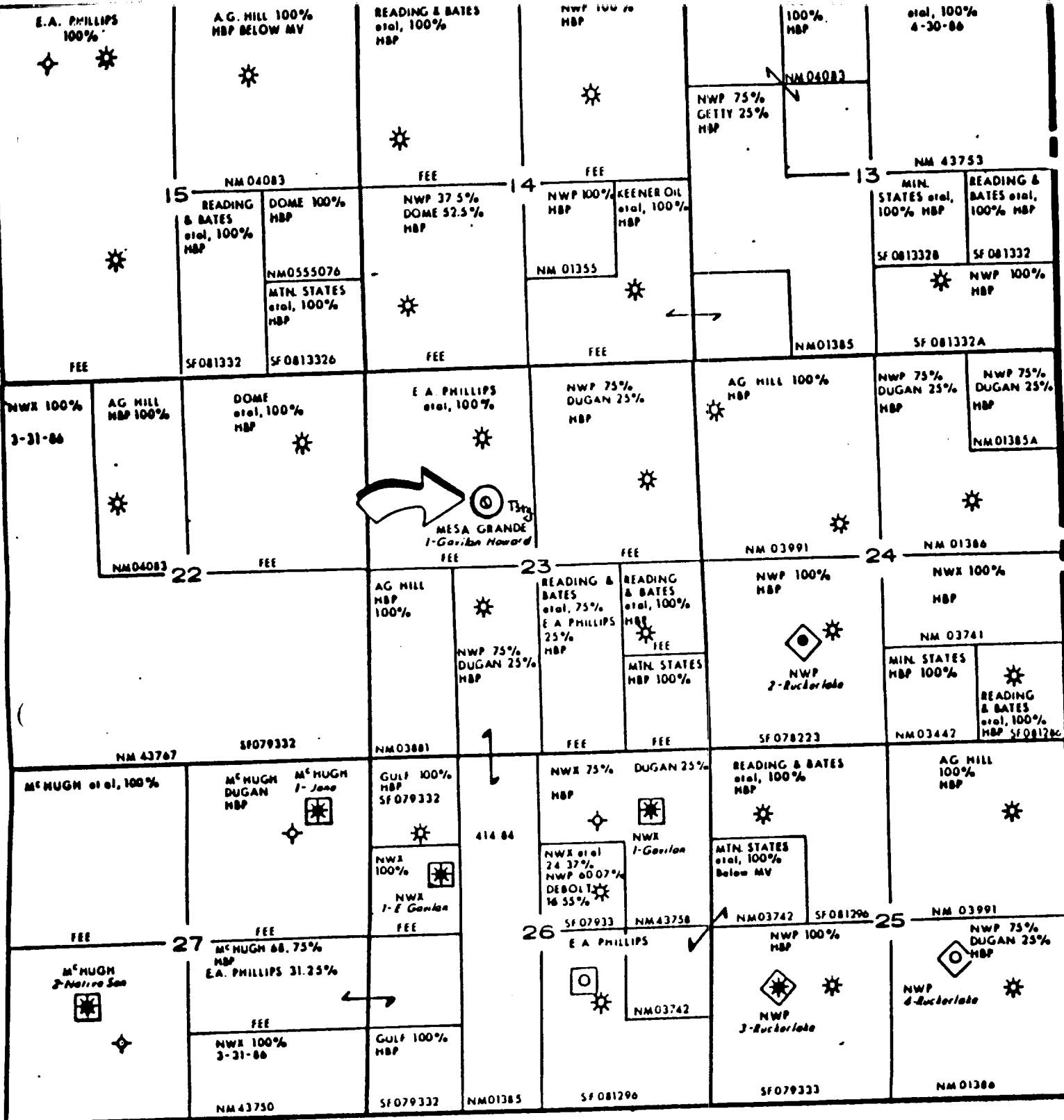
Mr. Kirby Hunt
Reading & Bates Petroleum Company
3200 Mid-Continent Building
Tulsa, Oklahoma 74103

Mr. Jack Blair
Mountain States Natural Gas Corporation
Post Office Box 35426
Tulsa, Oklahoma 74153

Northwest Exploration Company
Post Office Box 5800, Terminal Annex
Denver, Colorado 80217
Attention: Land Department

Mr. James B. Fullerton
Jerome P. McHugh & Associates
650 South Cherry, Suite 1225
Denver, Colorado 80222

Mr. Charles D. Frisbie
Gulf Oil Exploration & Production Company
Post Office Box 1150
Midland, Texas 79702



Key:

- Commingled Mancos-Dakota
- Single Mancos
- Dual Mancos/Dakota
- Pictured Cliffs Gas Well
- Dry Hole