

APPLICATION FOR MULTIPLE COMPLETION

Operator		MESA GRANDE RESOURCES, INC. RIO ARRIBA COUNTY		Date	12/1/87
		County			
1200 Philtower Building,		Hellcat Federal		#1	
Address		Tulsa, Oklahoma 74103	Lease	Well No.	
F		22	25 North	2 West	
Location of Well		Unit	Section	Township	Range
		1700' FNL & 1850' FWL			

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		Gavilan Dakota, Graneros, Greenhorn
b. Top and Bottom of Pay Section (Perforations)	6610-7395		7501-7847
c. Type of production (Oil or Gas)	Oil & Gas		Oil & Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Artificial Lift
e. Daily Production			Dakota Test was Swab Test
<input checked="" type="checkbox"/> Actual Mancos			Pumping test will be
<input checked="" type="checkbox"/> Estimated Dakota			3
Oil Bbls.	4		100 After
Gas MCF	130		0 Packer Test
Water Bbls.	0		

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 Christopher L. Phillips Title Manager, Field Operations Date 12/1/87

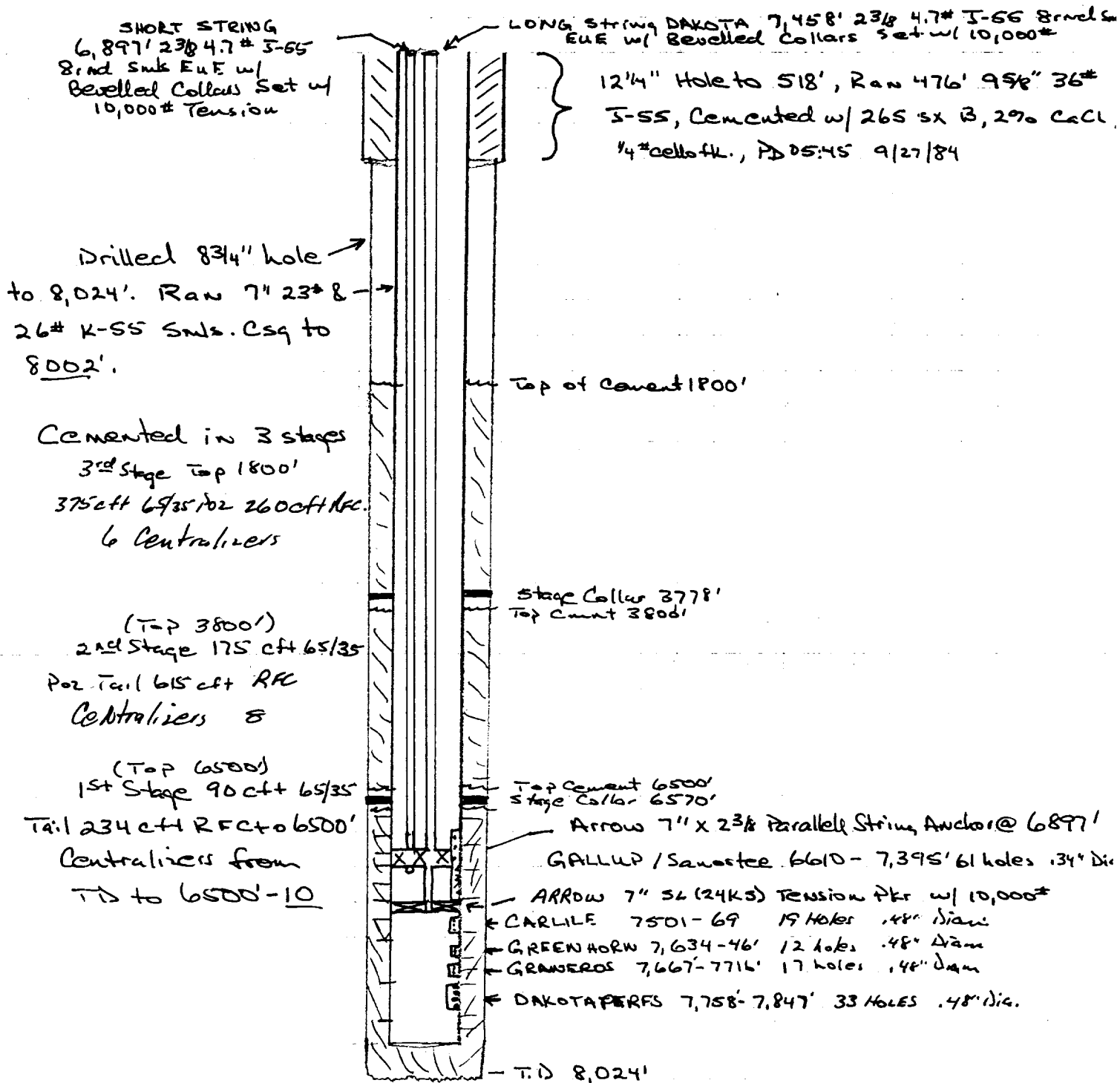
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Approved By FRANK T. CHAVEZ Title SUPERVISOR Date DEC 03 1987

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.

FEDERAL HELLCAT #1

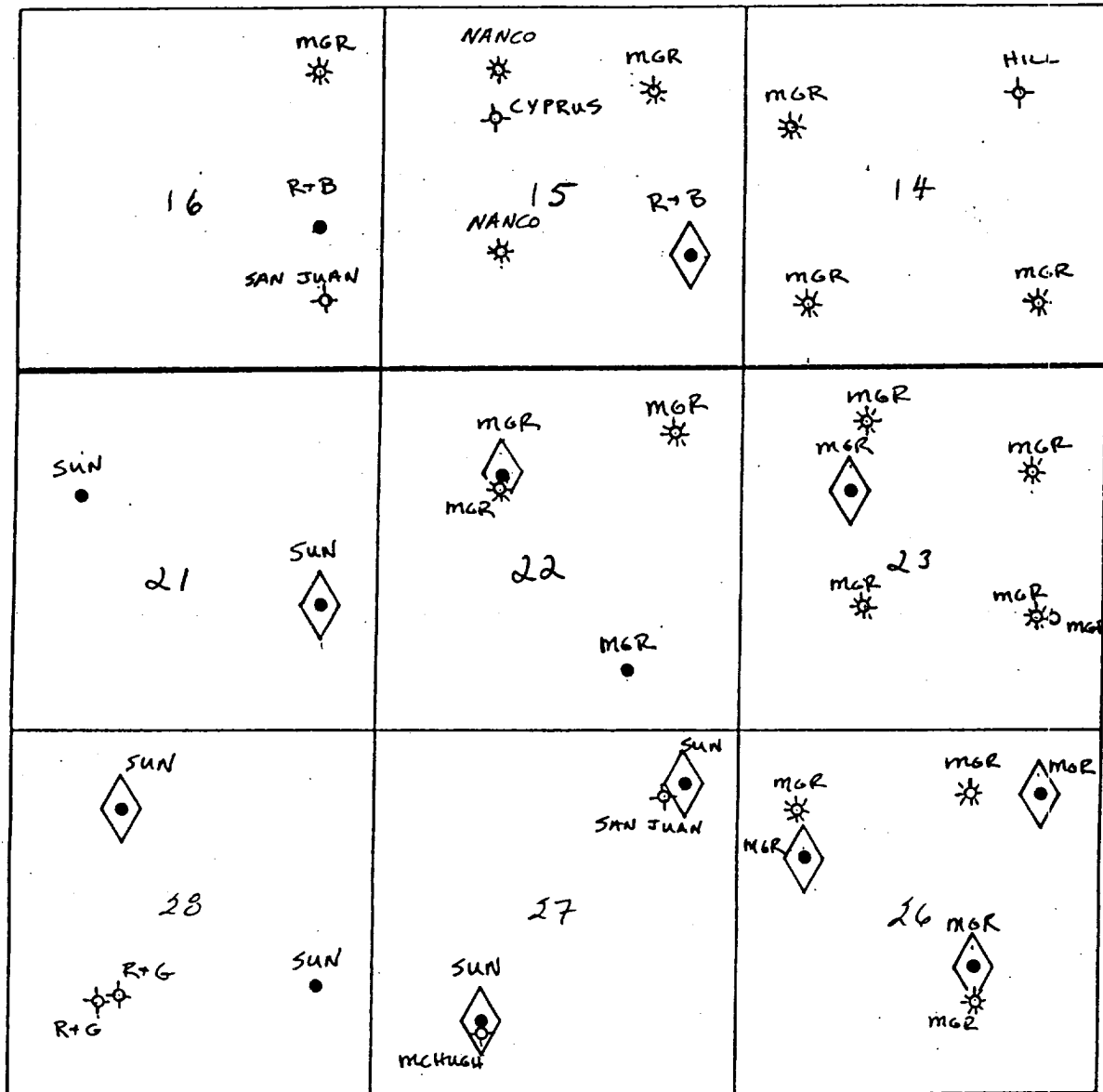
- Diagrammatic Sketch -



Christopher & Phillips
11/25/84

WELL PLAT

R 2W



⊕ DRY HOLE

* PC GAS WELL

● GAL OIL WELL

◊ GAL/DAK OIL WELL

○ LOCATION