

ME: Drilling Prognosis
4 Well Infill Program
Eddy County, New Mexico

- I. OBJECTIVE: Drill 4 wells in the Grayburg Jackson Field, Eddy County, New Mexico. Two wells will be 20 acre infill wells on spacing already established by a hearing. One will be a well located inside the Keely Unit to develop zones above the Keely zone. The success of the well could prove up several wells. The other well will be located on Dexter E property. These wells will range in depth from 3200' - 3400'.
- II. LOCATION: These wells will be located in Section 24 and 26, Township 17 South, Range 29 East and Sections 20 and 30 of Township 17 South, Range 30 East, Eddy County, New Mexico.
- III. BUDGET CLASSIFICATION: Development Drilling.
- IV. PROJECTED TOTAL DEPTH, HOLE SIZE, SLOPE TEST:
- A. 12-1/4" hole to the top of the salt to accomodate 8-5/8" surface casing. (Approximately 350' - 525')
- B. 7-7/8" hole to approximately 3200' - 3400' to accommodate 5-1/2" production casing.
- C. Estimated drilling time 6 to 7 days per well.
- D. Slopetest will be run on each bit trip or 500' intervals.
- E. If any coring or drill stem testing is done pipe will be strapped out of hole prior to coring or testing.
- V. DRILLING CONTRACTOR:
- A. Contractor: W.E.K. Drilling Company, Inc. (Probable)
- B. Type Contract: Footage
- C. Contract Depth: 3200' - 3400'
- VI. MUD PROGRAM: Probably will be furnished by Marrs or Magobar.

Interval	Type Mud	Weight	Viscosity	Water
0' - 3200'	Fresh & Salt Water	9-10	28 - 30	NC
3200' - 3400'	Salt Mud	10-11	36 - 38	NC

(Will mud up 200' from T.D.)

VII. TYPICAL GEOLOGICAL TOPS FOR WELL IN SECTION 24-17S-29E: (Middle of Unit Area)

Tops	Vertical Depth	Subsea
Queen	1880'	+1715'
Loco Hills	2340'	+1255'
Main Metex	2450'	+1145'
San Andres	2585'	+1010'
Lovington	2690'	+ 905'
Jackson Pays	2870'	+ 725'
Lower San Andres Pay	3150'	+ 445'
Keely Pay	3330'	+ 265'