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DAILY DRILLING REPORT

Prospect/Area Eagle Creek

Operator: Jack J. Grynberg County: Eddy State: New Mexico

Well Name: Federal "GR" Well No.: 6

Location: 2310' FEL 2310' FSL Section: 29 Twp: 17 S Rge: 25 E

Elevations: _____ Grd: 3602' DF: _____ KB: _____

Well Type: Wildcat: _____ Development: _____ Other: _____

Objective Zone(s): San Andres Depth: 1500'

Contractor: Cactus Drilling Co.

Spud: 2:00 p.m. 7/20/74 Completed: _____ Status: _____

DATE	DEPTH	PROGRESS
7/20/74	0'	Moved in and rigged up rotary tools. Spudded @ 2:00 p.m. Drilled 15" hole to 229'. Ran 7 jts. new 10 3/4" 32# csg. to 223.13'. Cem. w/ 175 sx Class 'C' + 2% CC. Good Circ. & Returns. Plug down @ 11:00 p.m. Dev. 1/4" @ 224'.
7/21/74	229'	WOC.
7/22/74	830'	Drilling.
7/23/74	1099'	Drld. 9 1/2" hole to 1099'. Ran 33 jts. 7" 20# used csg. (1041.53') to 1055'. Cem. w/ 225 sx Halliburton Lite + 100 sx Class 'C' 5# Gilsomite-1/4# Floseal per sack. 2% CC. No circ. or returns. Plug down @ 4:45 a.m. Top cement 840'.
7/24/74	1268'	Drilling. Used 1" pipe to bring cement to top of 7" csg.
7/25/74	1440'	Drld. 6 1/4" hole to 1440'. Ran VTC Gamma-Neutron & Cement Bond Log. Released Cactus rig @ 11:00 a.m.
8/1/74	1412'	Rigged up Mack Chase Unit #2 Van Tool perforated one hole @ 740'. Set retrievable bridge plug at 850'. Pressured up to 750#. Hole would not take fluid.
8/2/74	1412'	Brought plug out. Set 44 jts. (1428.90) used 4 1/2" 9.5# csg. @ 1437.90. Cem. w/ 175 sx 50/50 pos-2% gel-1/4# Flocele-6# salt-.5% CFR2. Good circ. & returns - Plug down @ 6:00 p.m. 8/2/74.
8/4/74	1412'	Ran VTC Correlation Log & Collar Locator. Perf. 1 Shot @ 1232, 1234, 1236, 1238, 1245, 1253, 1255, 1257, 1268, 1270, 1272, 1296, 1298, 1300, 1302, 1304, 1306, 1308, 1310, 1312, 1314, 1316, 1320, 1322, 1326, 1330, 1332.
8/5/74	1412'	Frac. Western Frac. 2000 gallons 15% Acid, 80,000 gallons K Cl Wtr., 80,000 #'s sand. Aver. treating pressure 2800#, aver. injection rate 60 bbls. per min. Job complete @ 12.02 p.m.
8/7/74	1412'	Rigged up. Found 75' sand in hole. Flushed out sand. Ran 30' mud anchor, 4' perf. nipple, 1' seating nipple (top perf. nipple 1344') Ran 44 jts. used 2 3/8 EUE tbg. (1318.61) Ran 53 jts. new