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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.: 3

Location: 330 FWL 2310 FSL Section: 28 Twp: 17 S Rge: 25 E
(NW SW)

Elevations: _____ Grd: 3579' DF: _____ KB: 3588'

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

Objective Zone(s): San Andres Depth: 1500

Contractor: Cactus Drilling Co.

Spud: 2:00 p.m. - 6/27/74 Completed: _____ Status: _____

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SEP 19 1974
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

DATE	DEPTH	PROGRESS
6/27/74	0'	Moved rig from GR#2. Rigged up. Spudded @ 2:00 p.m. on 6/27/74.
6/28/74	225'	WOC. Drld. 15" hole to 225'. Set 7 jts. new 10 3/4" 32# (206.31') @ 218'. Cem. w/ 175 sx. Class 'C' + 2% CC. Good Circ. and returns. Plug down @ 9:30 a.m.
6/29/74	225'	WOC.
6/30/74	930'	Drilling.
7/1/74	1124'	WOC. Ran 35 jts. (1109.41') used 7" 20# csg. to 1120'. Cem. w/ 225 sx. Halliburton Lite + 100 sx. Class 'C' - 5# Gilsonite + 1/4 # Floseal per sack - 2% C.C. Good circ. & returns - Plug down at 6:15p.m.
7/2/74	1166'	Drilling.
7/3/74	1460'	Ran VTC Gamma-Ray Neutron Log. Ran 45 jts. (1434.11') used 4 1/2" 9.5# csg. to 1444'. Cem. w/ 175 sx Class 'C' 50-50 Posmix- 2% Gel, 5% CFR2. 6# salt and 1/4# Floseal per sack. Pumped plug w/ 500 MSA acid + 11 Bbl. KCl water. Good circ. and returns. Plug down at 9:15 p.m., 7/3/74. Dev. 3/4" @ 1460'.
7/8/74	PBTD 1412'	Log & Perf. Rig up Vann Tool Co. Ran correlation log & collar locator. Perf 1 shot ea. at 1253, 54,73,75,79,97, 1303,05,12,14, 34,35,36,37,38,39,40,41,42,53,54,55,56, and 57.
7/9/74	1412'	Frac. Western Frac- 2500 Gal. 15% Acid, 80,000 Gals KCl water, 80,000 #'s sand. Average treating pressure 3300 psi. Average injection rate 59 bbls. per minute. Job complete at 5:45 p.m.
7/22/74	1412'	Rigged up Mack Chase Unit #2. Found 45' sand in casing. Bk. flushed sand w/Halliburton acid truck. Ran 8' mud anchor- 4' perf. nipple, 1' seating nipple- 45 jts. (1371.07') used 2 3/8" EUE tbq. - 54 rods.