

JACK GRYNBERG AND ASSOCIATES
Petroleum, Geological, Geophysical and Mining Engineers

1050 - 17th Street, Suite 1950
Denver, Colorado 80202
(303)572-1455

DAILY DRILLING REPORT

Prospect/Area Eagle Creek
Operator: Jack J. Grynberg County: Eddy State: New Mexico
Well Name: Federal "GR" Well No.: 4
Location: 990' FSL - 330' FWL Section: 28 Twp: 17 S Rge: 25 E
(SW SW)
Elevations: _____ Grd: 3582' DF: _____ KB: 3591'
Well Type: Wildcat: _____ Development: _____ Other: _____
Objective Zone(s): San Andres Depth: 1500'
Contractor: Cactus Drilling Co.
Spud: 7/4/74 Completed: _____ Status: _____

DATE	DEPTH	PROGRESS
7/4/74	0'	Moved in and rigged up rotary tools. Spudded at 11:00 a.m. 7/4/74.
7/5/74	225'	Drld. 15" hole to 225'. Ran 6 jts. (179.05'). New 10 3/4" 32# csg. to 193'. Cem. w/175 sx. Class 'C' + 2% CC. Good Circ. & returns. Plug down @ 1:15 a.m. 7/5/74. WOC.
7/6/74	809'	Drilling.
7/7/74	1104'	Stuck pipe. Lost circ. @ 901'.
7/8/74	1104'	Fishing.
7/9/74	1104'	Trying to run casing. Washed over fish- came out. Conditioned hole.
7/10/74	1104'	Ran 32 jts. (1018.98'). Used 7" 20# csg. to 1022'. Cem. w/ 225 sx. Hall. Lite + 100 sx. Class 'C' 5# Gilsonite, 1/4# Floseal, 2% CC per sack. No returns- no circ. Plug down 8 a.m. 7/11/74. WOC. Finishing job on cmtg. 7" csg. w/ 1" pipe.
7/11/74	1104'	WOC. Finished cmtg. 7".
7/12/74	1104'	Drilling.
7/13/74	1235'	Running pipe. Ran 42 jts. (1454.07') used 4 1/2" 9.5# csg. SURVEY to 1463'. Cem. w/ 175 sx Class 'C' 50-50 Pos. 2% CC, 1.5% GEL, + 6# salt per sack + 1/4# Floseal per sack. Pumped plug down w/ 500 gal. M.S.A. + 12 Bbl. K Cl wtr.- Good circ. & returns. Plug down @ 5:00 a.m. 7/14/74. Dev. 1/2" @ 1465'.
7/14/74	1465'	Log & perf. Ran VTC Correlation & Collar Locator Log. PBTB 1410
7/22/74	1410'	Perf. 1 shot ea. @ the following pts: 1249, 55, 56, 68, 69, 70, 72, 74, 1300, 02, 04, 06, 08, 10, 12, 14, 16, 20, 23, 25, 27, 39, 46, 48, 50, 64, 66'. 27 holes, .38 diameter.
7/26/74	1410'	Frac. Western Frac- 2500 gal. 15% Acid, 80,000 gal. K Cl Wtr., 80,000 #'s sand. Average treating pressure 3700 psi. Average inject-rate 49 BPM. Job complete @ 5:14 p.m. 7/26/74.
8/3/74	1410'	Mack Chase #2 rig. Rigged up- found sand @ 1270'. Pumped out to 1410'.
8/5/74	1410'	Ran 40 jts. 2 3/8" Buttrass tubing & 3 jts. 2 3/8" FUE the (1264.01)