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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.: 1

Location: 1650 FWL 2310 FSL Section: 28 Twp: 17 S Rge: 25 E

Elevations: 3570 (NE SW) Grd: \_\_\_\_\_ DF: \_\_\_\_\_ KB: 3577

Well Type: Wildcat: \_\_\_\_\_ Development: \_\_\_\_\_ Other: Field Extension

Objective Zone(s): San Andres Depth: 1450±

Contractor: Osborn Drilling Co.

Spud: 8:00 p.M. 4/2/74 Completed: 5/12/74 Status: \_\_\_\_\_

DATE	DEPTH	PROGRESS
4/24/74	1428'	Started Frac. Injected 1000 gals. Acid + some flush water. Pipe apparently split when balling out (Pres. 4400#). Put packer on tubing- set packer at 150', 450', 750', 1050' and 1230'. Could not determine location of split.
4/25/74	1428'	Ran tubing- set packer @ 1200'. Pumped down annulus- circ. @80#. Set packer @ 900'-circ. pkr. @ 600' - circ. pkr. @ 270' - circ. Found split in pipe (4½") to be between 105' and 120'.
4/26/74	1428'	Swabbed hole dry- set Guiberson retrieveable bridge plug @ 1215'. Pressure tested casing at 1215', 900', 600', 270' and 120' @ 2000#psi.
4/27/74	1428'	Start frac. - blew hole in 2 7/8 tbg. while injecting sand at 1/2# per gal. Came out of hole-
4/28/74	1428'	Tested 2 7/8" tubing to 5000 #psi. Set packer at 1080'. Started frac w/500 Acid followed with gel water- started adding sand- Press. 4000#- 17 BPM. injection rate. Injection rate dropped- pressure rose came out- Ran 2" tubing- found sand at btm. perf (1364').
4/29/74	1428'	Cleaned out to TD (1385') Started frac again- tried to screen out. SD. Unseated packer- came out- re-perforated-frac w/2500 Acid 30000 #sand, 45,000 gal. gel water. Max. pres. 4000# Average injection rate 25 B.P.M. Job complete 12:45 p.m. Shut in overnite.
4/30/74	1428'	Bled off pressure- had show of oil by 11:00. Started swabbing @ 2:00 p.m. - S.D. @ 7:00 P.M.
5/1/74	1428'	Lay down 2 7/8" frac tubing. Ran 44 jts.- (1339.60') of 2 3/8 EUE tbg 4 perf. anchor- 1' seating nipple- Swabbed until 6:00 p.m. good show oil.
5/2/74	1428'	Changed over to swab into tank. Found fluid @ 500'. Started swabbing @ 9.30 a.m. Swabbed till 5:30 p.m. Fluid level @ 1150'. Rec. 92 bbl fluid.
5/3/74	1428'	Started swbg. 8:00 a.m.- finished @ 5:45 p.m. - Swb. 87.2 B.F. - Unable to drain swb. tank because pits full- Well started kicking at 3:30 p.m. Would flow 3-5 min. after each pull- Shut in @ 5:45 pm.
5/4/74	1428'	Casing pressure 150# Found fluid @ 300'. Changed tank manifold- Swbd. 57.70 B.F. in 7 hrs. Shut down until Monday.
5/6/74	1428'	Casing pressure 150#. Found fluid @ 500'. Swbd. 60.50 BF in 9 hrs.
5/7/74	1428'	Pulled tbg. - Set packer @ 300' Flushed with water to remove trapped gas above. Re-welded 4½" collar and plate- pressure tested to 700#s Swbd 31.50 B.F. in 3 1/2 hrs