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DAILY DRILLING REPORT

Prospect/Area Eagle Creek S.A.

Operator: Jack J. Grynberg County: Eddy State: New Mexico  
Well Name: Federal "GR" Well No.: 2  
Location: 990 FSL 1650 FWL Section: 28 Twp: 17 S Rge: 25 E  
(SE SW)  
Elevations: \_\_\_\_\_ Grd: 3572 DF: \_\_\_\_\_ KB: 3579  
Well Type: Wildcat: \_\_\_\_\_ Development: \_\_\_\_\_ Other: Field Ext.  
Objective Zone(s): San Andres: \_\_\_\_\_ Depth: 1450<sup>±</sup>  
Contractor: Osbourn Drilling Co.  
Spud: 6:00 p.m. 4/12/74 Completed: 7/21/74 Status: \_\_\_\_\_

DATE	DEPTH	PROGRESS
5/2/74	1111'	Fishing. San Andres. Screwed into fish @ 2:30 p.m. Jarred to 5:00 p.m. Started hitting bumper sub, drove fish down 6'- came loose, pulled 1 jt. pipe & 20' on 2nd jt., stuck again- Jar up & drive down- Drlg. line wrapping up in Derrick, changed to other set of blks. Move fish 75', but cannot come any higher than 790'. Ran out of everything on rig power, clutches, mud pump. Report discontinued until further activity.
6/21/74	1111'	Resumed operations. Tore down on last loc. Started moving at noon 6-19-74. Rigged up. Went in hole with 9 1/2" bit. Found top fish @ 782'. Came out- went in with Bowen jars and bumper sub & 4- 6 1/2" D.C.- Started jarring- Moved fish about 6 feet.
6/22/74	1111'	Jarring on fish. Jarred until daylight. Bked. off. Came out- put on accelerator jars and 6 more collars. Got fish out at 9:30 p.m. Waited on key-seat wiper and pick-up sub.
6/23/74	1117'	Drld. & reamed to 1117'. Made 2 trips to condition hole- Ran 35 jts. (1095.80') used 7" 20# csg. to 1088'. Cem. w/225 sx. Hal. Lite + 100 sx Class 'C'- 5# Gilsonite per sack, 1/4# Floseal per sack, 2% c.c. Plug down @ 2:45 a.m. 6-24-74. No circ. No return
6/24/74	1117'	Nippling up. Temp. Survey- Top cem.- 910' Ran 1" to 400' would go no deeper- Spotted 25 sx. Class 'C' + 4% c.c. Did not hold- Tried same 2 more times- third plug held- Brought cement to surface w/ 35 sx. Job complete @ 1:00 a.m.
6/25/74	1117'	Drilling. Nipple up. Drill cement @ 2:00 p.m.
6/26/74	1330'	San Andres.. Drilling.
6/27/74	1450'	Ran V.T.C. Gamma Ray-Neutron Log. Ran 45 jts. (1459.57') used 4 1/2" 9.5# csg. to 1446'. Cem. with 175 sx. 50/50 Posmix Class 'C' 2% Gel- .5 of 1% CFR2 + 6# salt per sack + 1/4# Floseal per sk. Pumped plug down w/ 500 gal. M.S.A. + 13 Bbl. K.C.L. Wtr.
7/6/74	PBTD 1421'	Plug down @ 6:00 a.m. Good circ. and returns. Moved off rotary tools Rig up Vann Tool Co. Ran collar locator & corr. log. Perf. 3.75. Select fire jet gun- 21 holes- 1232-34-40-47-49-55-62-70-78-80-86-97-1304-18-22-25-28-32-67-70-78. Rigged up Western Co. Displaced acid with 27 bbl. K Cl wtr- Brk. press. 3000#- finished treating at 2300#. FSIP 1000# in 2 min. Job complete 7:00 p.m.
7/9/74	PBTD 1421'	Frac. Ran Western Frac- 80,000 gal. jelled K Cl water, 2500 Gal Acid 80,000# sand. Average press. 3750 psi. Average injection rate