

well 114

List wells with bradenhead gas or water flows and wells worked over because of casing failures or bradenhead gas and water flows:

Operator PURCO PETROLEUM CORP. Well Name Primo #1

Elevation 5933 Well Location NE 1/4 6-31E-10N

Date of Completion 5-6-53 Date of Workover Completion 6-14-59

Surface Casing Set @ 10 3/4" w/175 sax Intermediate Casing Set @ 7" w/225 sax Cement top Surface

Circulated, ± 20 sax cement returns; had good circulation while cementing
Casing Cement Top Intermediate Casing / No survey found

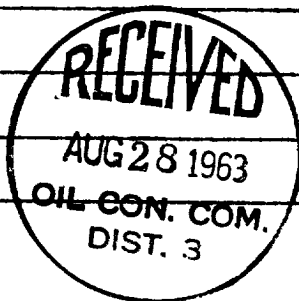
5" liner set during W.O. cemented w/225 sax; ± 100 sack squeeze on top of liner
Formation Tops: Ojo Alamo 1944 Pictured Cliffs 2697

Kirtland 2013 Lewis 2778

Fruitland 2352

Reason for Workover Liner-frac job

Method & Results of Workover See below. Leak found on 6-8-59 while doing
liner-frac job; leak in Fruitland



1963
Current

Type of Bradenhead Flow Water

Results of Bradenhead Test if Available: SIP 95

Duration of Blowdown or Flow Down to light blow in 30 seconds

Volume of Blowdown or Flow Water in 8 minutes - black and stinking

Analysis of Bradenhead Gas or Water None taken

Present Condition of Bradenhead Flow: Shut In x Flowing

Gas Kicks while Drilling:	Depth	Magnitude of Kick Light or Severe
Lost circulation at 3650	_____	_____
Losing circulation at 3956	_____	_____
Lost circulation at 4122	_____	_____
Lost circulation at 4306	_____	_____

Remarks: Original completion: Shot w/1684 Qts MWD 4431 - 5111; pressures 7" cag.
to 1000# before drilling out w/gas; blew cag. dry; drilled shoe; dry test 1 1/2 hours;
started drilling w/gas 4370 - 4536; hole damp; water broke in; pulled 8 Jts. 7";
went back in and screwed on; made up tight; blew hole dry; drilled to TD 5135;
no trouble; IP after shot 7340 MCFD.

Workover: To run liner and frac; hole started getting wet at 4928; apparently
dried up; finally cleaned out to 5140 TD; run 5" liner, 26 Jts, 853' of 5" 15# J;
cemented w/225 sax 50-50 Foxmix, 2# gal, 12# sack Gilsomite; liner hanger did not
set; squeezed top of liner w/100 sax, 1# sack fine tuffplug; while squeezing liner
annulus went on vacuum; tested 7", found leak at 2237; squeezed leak w/100 sax regular,
2# CaCl₂; pressured to 2500#; test OK; top of cement on squeeze, 1972'; fraced Ft.
Lookout 4914 - 5073, 176 holes w/50,000# and 50,000 gals, 68.1 BPM, 3 ball drops
50, 50 and 25; fair buildup after each drop; Manatee and Cliffhouse 4430 - 4810 206 shots
w/40,000# and 40,000 Gals, 64 BPM. Test after frac 5500 MCFD AGF - Pitot
before frac 1414 - after frac 2198