

WELL HISTORY

OREGON NATURAL GAS DEVELOPMENT CORPORATION
 Well: Independence 12-25

Section 25-8S-4W W.B. & M
 Marion County, O

November, 1980

10,		Paul Graham Drilling and Service Company started moving in Rig No. 1
11,		Rigging up.
12,		Spudded in at 12:00 noon with 9-7/8" bit and drilled ahead.
	35'	Volcanics.
13,	40'	Volcanics. Lost and regained circulation. Drilled ahead.
	385'	Volcanics, clay and sand. Survey 94' 2° 0' 199' 2° 0'
14,	657'	Clay and siltstone. Reamed hole 0-657'.
15,		Ran 15 joints or 624' of 7" 20# K casing equipped with a guide shoe. Cemented around shoe at 635' with 225 sacks of cement. No cement returns at surface. Cement in place at 5:00AM. Located top of cement in annulus at 31'. Filled annulus to surface with cement. Cement in place at 12:30PM. Landed casing and installed casing head. Installed and tested BOPE.
16,	1884'	Drilled out cement and shoe with 6-1/4" bit and drilled ahead. Sand and clay. Survey 1236' 0° 30' 1729' 0° 15'
17,	2811'	Clay, sand and siltstone. Survey 2224' 1° 0'
18,	3106'	Clay, sand and volcanics. Survey 2842' 3° 45'
19,	3727'	Clay and sand. Survey 3496' 6° 0'
20,	4294'	Clay, sand, and siltstone. Survey 4014' 6° 0'

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- 21, 4611' Clay and sandstone.
Survey 4399' 7° 0'
- 22, 4826' Clay and sandstone.
Welex ran Dual Induction Log from 638-4824.
Welex ran Compensated Acoustic Velocity Log from 636-4820.
- 23, Welex ran Dipmeter.
Plug No. 1 Hung drill pipe at 3150' and pumped in and equalized 40 sacks of cement. Calculated to fill to 2934'. Cement in place at 10:00AM.
Plug No. 2 Hung drill pipe at 680' and pumped in 25 sacks of cement treated with 3% CaCl₂. Cement in place at 11:40. Located top of plug No. 2 at 616'.
Plug No. 3 Hung drill pipe at 616' and pumped in and equalized 30 sacks of cement. Calculated to fill to 465'. Cement in place at 3:30PM.
Plug No. 4 Hung drill pipe at 30' and pumped in 10 sacks of cement, filling 7" casing to surface.
Cut off 7" casing 5' below ground level.
Hole abandoned in this condition.