

Scale 1:500

COUNTY: Columbia  
 FIELD: Mist Gas Storage  
 WELL: 11-6N-R5W  
 COMPANY: Northwest Nat. Gas Co.  
 REGION: Columbia County, OR  
 LOCATION: 11-6N-R5W

WELL: 11-6N-R5W  
 FIELD: Mist Gas Storage  
 COMPANY: Northwest Natural Gas Company

DRILLING PERSONNEL: Terry Clark, Dave Witz

**LEGEND**

**Abbreviations and Symbols**

BO: Borehole  
 CB: Cemented Bit  
 CC: Cemented Core  
 CD: Cemented Drill  
 CE: Cemented Equipment  
 CF: Cemented Flow  
 CG: Cemented Gas  
 CH: Cemented Hole  
 CI: Cemented Interval  
 CL: Cemented Log  
 CM: Cemented Mud  
 CN: Cemented Nipple  
 CO: Cemented Oil  
 CP: Cemented Plug  
 CR: Cemented Rod  
 CS: Cemented Seal  
 CT: Cemented Tool  
 CU: Cemented Union  
 CV: Cemented Valve  
 CW: Cemented Well  
 CX: Cemented X  
 CY: Cemented Y  
 CZ: Cemented Z

**Lithology Symbols**

□ Limestone  
 □ Dolomite  
 □ Anhydrite  
 □ Sandstone  
 □ Shale  
 □ Siltstone  
 □ Claystone  
 □ Gypsum  
 □ Anhydrite  
 □ Salt  
 □ Evaporite  
 □ Volcanic  
 □ Tuff

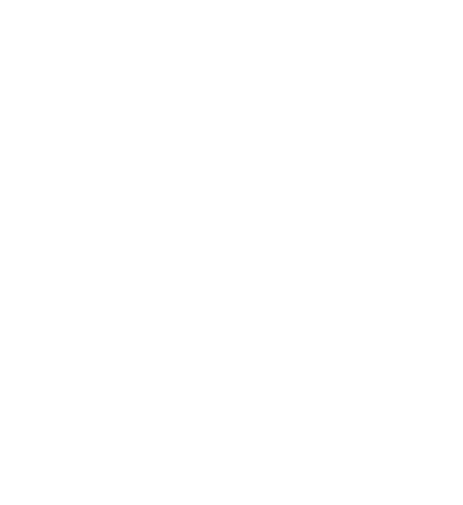
DEPTH (ft)	CUTTINGS	HYDROCARBON ANALYSIS		LITHOLOGICAL DESCRIPTIONS AND REMARKS
		TOTAL GAS (cc)	CHROMATOGRAPH ANALYSIS	
240-190	...	8 8 8 8	...	Using F.I.C. Gas Detectors, 1 methane = 20 cc/lits.
250-200	...	8 8 8 8	...	...
260-210	...	8 8 8 8	...	...
270-220	...	8 8 8 8	...	...
280-230	...	8 8 8 8	...	...
290-240	...	8 8 8 8	...	...
300-250	...	8 8 8 8	...	...
310-260	...	8 8 8 8	...	...
320-270	...	8 8 8 8	...	...
330-280	...	8 8 8 8	...	...
340-290	...	8 8 8 8	...	...
350-300	...	8 8 8 8	...	...
360-310	...	8 8 8 8	...	...
370-320	...	8 8 8 8	...	...
380-330	...	8 8 8 8	...	...
390-340	...	8 8 8 8	...	...
400-350	...	8 8 8 8	...	...
410-360	...	8 8 8 8	...	...
420-370	...	8 8 8 8	...	...
430-380	...	8 8 8 8	...	...
440-390	...	8 8 8 8	...	...
450-400	...	8 8 8 8	...	...
460-410	...	8 8 8 8	...	...
470-420	...	8 8 8 8	...	...
480-430	...	8 8 8 8	...	...
490-440	...	8 8 8 8	...	...
500-450	...	8 8 8 8	...	...
510-460	...	8 8 8 8	...	...
520-470	...	8 8 8 8	...	...
530-480	...	8 8 8 8	...	...
540-490	...	8 8 8 8	...	...
550-500	...	8 8 8 8	...	...
560-510	...	8 8 8 8	...	...
570-520	...	8 8 8 8	...	...
580-530	...	8 8 8 8	...	...
590-540	...	8 8 8 8	...	...
600-550	...	8 8 8 8	...	...
610-560	...	8 8 8 8	...	...
620-570	...	8 8 8 8	...	...
630-580	...	8 8 8 8	...	...
640-590	...	8 8 8 8	...	...
650-600	...	8 8 8 8	...	...
660-610	...	8 8 8 8	...	...
670-620	...	8 8 8 8	...	...
680-630	...	8 8 8 8	...	...
690-640	...	8 8 8 8	...	...
700-650	...	8 8 8 8	...	...
710-660	...	8 8 8 8	...	...
720-670	...	8 8 8 8	...	...
730-680	...	8 8 8 8	...	...
740-690	...	8 8 8 8	...	...
750-700	...	8 8 8 8	...	...
760-710	...	8 8 8 8	...	...
770-720	...	8 8 8 8	...	...
780-730	...	8 8 8 8	...	...
790-740	...	8 8 8 8	...	...
800-750	...	8 8 8 8	...	...
810-760	...	8 8 8 8	...	...
820-770	...	8 8 8 8	...	...
830-780	...	8 8 8 8	...	...
840-790	...	8 8 8 8	...	...
850-800	...	8 8 8 8	...	...
860-810	...	8 8 8 8	...	...
870-820	...	8 8 8 8	...	...
880-830	...	8 8 8 8	...	...
890-840	...	8 8 8 8	...	...
900-850	...	8 8 8 8	...	...
910-860	...	8 8 8 8	...	...
920-870	...	8 8 8 8	...	...
930-880	...	8 8 8 8	...	...
940-890	...	8 8 8 8	...	...
950-900	...	8 8 8 8	...	...
960-910	...	8 8 8 8	...	...
970-920	...	8 8 8 8	...	...
980-930	...	8 8 8 8	...	...
990-940	...	8 8 8 8	...	...
1000-950	...	8 8 8 8	...	...

COMPANY: Northwest Natural Gas Company  
 WELL: 11-6N-R5W  
 LOCATION: 11-6N-R5W

BORE HOLE RECORD  
 Casing Record  
 Log No. 11-6N-R5W  
 Date: 11-11-05  
 Depth: 11-6N-R5W

DRILLING RATE  
 RPM vs Depth

Log Data (RPM, Mud Weight, etc.)



Geolog logo and company information