

WELL DATA

Operator: OREGON NATURAL GAS DEVELOPMENT CORPORATION

Well Name: IW33C-3

Location: 1602.75' north and 2372.21' west from the southeast corner of Section 3, Township 6N, Range 5 West, WB&M. Columbia County, Oregon

Elevation: 1027.1 G. L.
1040.6 KB

Spud: December 21, 1986

Complete Drilling: January 14, 1987

Status: Completed as an injection/withdrawal well.

Total Depth: 2772' M. D., 2758' TVD

Hole Specifications: 17½" surface to 503'; 12¼" hole to 2535', 7 5/8" hole to 2772', 15'" under reamed hole 2528-2606'.

Casing: 13 3/8", K-55, 54.5#, ST&C surface to 498', cemented with 485 sacks Class 'G' mixed with 2% CaCl. 8 5/8", K-55, 36#, modified 8 round, surface to 2519. Cemented with: lead slurry of 452 sacks 1:1 perlite mixed with 2% CaCl, 2% gel, .75% Halad 4, tail slurry of 396 sacks Class 'G' mixed with 1% CaCl, 3% KCl, .1% CFR-3, .25% Halad 4. 5½", 15.5#, wire-wrapped and solid liner 2441-2603, 5½", K-55, 20#, modified 8 round tubing surface to 2436'.

Contractor: Taylor Drilling Company, Chehalis, WA Rig #4

Company Geologist: H. Jack Meyer

Petroleum Engineer: Charles E. Stinson

Well Site Super.: Todd A. Thomas

Tool Pusher: Jiggs Colclasure

Mud Type: Lignosulfonate to 2535', KCl HEC-10 polymer to total depth.

Mud Company: Beaver Drilling Fluids, Inc. Vancouver, WA

Maximum Bottom Hole Temperature: <100° F.

Mud Logging Company: Western Geo-Engineers
Woodland, CA

Wireline Company: Dresser-Atlas Sacramento, CA

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Perforations or
Liner Interval:

5½" wire-wrapped liner 2441-2603

Other Service
Companies:

Sand Control	Halliburton	Bakersfield, CA
Packer Assembly	Baker	Rio Vista, CA
Wellhead	W-K-M	Woodland, CA
Casing Inspection	Hydrotest	Long Beach, CA
Casing Mill Service and Tools	Tri-State	
Cementing	Di-Drill	Bakersfield, CA
Coring	Halliburton	Bakersfield, CA
	Eastman-	
	Christensen	Bakersfield, CA
Directional	Di-Drill	Bakersfield, CA