

Well Name: LUNDVALL 13-14

Well Config: VERTICAL - ORIGINAL HOLE, 3/19/2012 3:20:24 PM

Well Header

API		Business Unit		Spud Date		Well Configuration Type	
05-123-18344		WATTENBERG		6/28/1994		VERTICAL	
Orig KB Elev (ft)	KB - GL / ...	Quarter Quarter	Sec/Abs	Twn/Sur...	Range	P & A Date	
4,889.00	11	SENE	13	5N	67W		
Comment							

Directions To Well
95TH AVE AND 37TH STREET, NORTH 1 3/10, NW INTO.

Current PBTD (ftKB)

ORIGINAL HOLE - 7778.3

Bottom Hole Location

North-South Distance (ft)	From N or S Line	East-West Distance (ft)	From E or W Line
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PBTDs

Date	Depth (ftKB)	Method	Comment
7/8/1994	7,902.0		PBTD GIVEN ON DAILY REP...
7/11/1994	7,875.0	CASED HOLE LOG	DEPTH LOGGER

Wellbore Sections

Section	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
SURFACE	12 1/4	11.0	568.0
PRODUCTION	7 7/8	568.0	8,230.0

Zone Statuses

Zone	Status Date	Status	Job
CODELL	7/23/1994	PR	DRILLING/COMPLETION - ORIGI...
CODELL	6/15/2001	PR	RE-FRAC, 6/2/2001 00:00
CODELL	12/27/2011	PR	TRI-FRAC, 11/7/2011 06:30

Casing Strings

Casing Description	Run Date	String OD (in)	String Wt (lbs/ft)	String Grade	Top (ftKB)	Set Depth (ftKB)
Surface	6/29/1994	8 5/8	24.00	?	11.0	549.0
Production	7/8/1994	4 1/2	11.60	N-80	11.0	8,216.0

Cement

Description	Top (ftKB)	Btm (ftKB)
SURFACE CASING CEMENT	11.0	549.0
PRODUCTION CASING CEMENT	6,654.0	8,216.0

Tubing Components

Item Description	OD (in)	Wt (lbs/ft)	Grade	Jts	Len (ft)
EUE 8rd Tubing	2 3/8	4.70	J-55	238	7,345.95
Notch Seat Nipple	2 3/8	4.70	N-80		1.20

Perforation Data

Zone	Bnch/Stg	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
CODELL, ORIGINA...		40	7,378.0	7,388.0	6/7/2001
CODELL, ORIGINA...		40	7,380.0	7,390.0	7/15/1994

Stimulations & Treatments

Bnch/...	Date	Zone	Primary Job Type
	7/16/1994	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL

Comment

NO RATES GIVEN IN DAILIES.

Total Add Amount	V (pumped) (gal)	V (slurry) (gal)	V (gas) (mcf)
Proppant MESH 505000 lb; Proppant AcFrac Black 8000 lb; Proppant 100 MESH 22000 lb		163170	

Avg Treat Pressure (psi)	Max Treat Pressure (psi)	Avg Treat Rate (bbl/min)	Max Treat Rate (bbl/min)
3,229.0			

Bnch/...	Date	Zone	Primary Job Type
	6/13/2001	CODELL, ORIGINAL HOLE	RE-FRAC

Comment

LOST 1 PUMP AND DROPPED RATE TO 12.8 BPM. LAST PUMP OVERHEATING AND HAD TO DROP RATE TO 9.2 BPM. WAS ABLE TO FINISH JOB @ 11.5 BPM. FLUSHED CSG W/113 BBLs WTR W/3.5 PPG @ WELLHEAD. ISIP 3884 PSI. NET PSI POSITIVE THROUGHOUT JOB. WENT NEG DURING FLUSH.

Total Add Amount	V (pumped) (gal)	V (slurry) (gal)	V (gas) (mcf)
Proppant 260320 lb		123354	

Avg Treat Pressure (psi)	Max Treat Pressure (psi)	Avg Treat Rate (bbl/min)	Max Treat Rate (bbl/min)
3,665.0	4,332.0	13.30	

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Stimulations & Treatments

Bnch/...	Date	Zone	Primary Job Type
	11/7/2011	CODELL, ORIGINAL HOLE	TRI-FRAC
Comment (CODELL TRIFRAC) PUMPED JOB PER DESIGN.			
ISIP 4078, 5 MIN 2977. AVERAGES: VISC 28, TEMP 72.65, PH 10.25. POST 5MIN 3443.			
Total Add Amount		V (pumped) (gal)	V (slurry) (gal)
Ottawa 0		127753	138343
Avg Treat Pressure (psi)	Max Treat Pressure (psi)	Avg Treat Rate (bbl/min)	Max Treat Rate (bbl/min)
5,624.0	6,783.0	18.27	18.99

Other In Hole

Run Date	Description	OD (in)	Top (ftKB)	Btm (ftKB)

Logs

Date	Type	Top (ftKB)	Btm (ftKB)
7/7/1994	COMPENSATED DENSITY	2,650.0	8,200.0
7/7/1994	INDUCTION	561.0	8,229.0
7/11/1994	CBL/CCL/GR	6,654.0	7,871.0

