



4810-93 Street, Edmonton, Alberta T6E 5M4
 Phone: (780) 469-2401 Fax: (780) 468-2422

Report No: 8459

Client	Canadian Natural Resources Ltd.	Inspection Date	Feb 23, 2000		
Prov. Reg. #	AB 2847128	Inspection Type	VE / UT		
Equipment Type	Separator	Location	Belly River		
Tag/Equip.		LSD	AB 01-05-038-25W4		
Status	In Service	Downhole LSD			
Manufacturer	Nusco	Area			
Serial Number	30234204	Year Built	1994		
CRN #	K9276.21	Service	Sweet		
Comp/Unit Id		Manway	None		
Nat.Board #		Coating			
Interim Insp'n		Interim Type			
Next Inspection	2004	Next Insp Type			
Length		Height	2286 mm		
Volume		Client Reference	RALSTON 16-10		
Owner	Canadian Natural Resources Ltd.	RT	2	HT	
Foreman	Murray Anderson	RAE Job No.	00-073		
ABSA	Plant: Vessel: Process: Special:	ASME			
History Log					

Component	SHELL 1				
MAWP	9928.0 kPa @ 42 °C			MDMT	
Material	SA-106-B		Material Thickness	26.19 mm	
Diameter	406 mm		Length		
Corrosion Allowance	1.59 mm				



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Valve Tag No	PSV2847128	Relief Type	
Manufacturer	Wellmark	Set Pressure	9928 kPa
Serial Number	25741	Capacity	
Model	W7101RS1600	Last Service	
CRN		Next Service	2000
Service Co.		Service Interval	
Service Co. Tag		Inlet Size	25 mm
ASME Stamp	No	Outlet Size	
NB Stamp		Connection	
Relief Dest.		Valve Loc.	
Comments			

Component	HEAD 1		
MAWP		MDMT	
Material	SA-516-70-N	Material Thickness	20.98 mm
Diameter		Length	
Corrosion Allowance			

General Observations

External:

Painted, leak at Fishe control nipple. Bottom skirt plate tacked to floor.

UT Readings (measurements in inches)

Test Point	Nominals	A	B	C	D
Top Head	0.826	0.852	0.854	0.852	0.851
3" Outlet Nozzle		N 0.621	E 0.618	S 0.616	W 0.620
Top Shell	1.031	1.034	1.031	1.030	1.034
Mid Shell *	1.031	1.013	1.019	1.016	1.010
Bottom Shell *	1.031	1.013	1.009	1.012	1.016
Bottom Head	0.826	0.850	0.854	0.847	0.848
3" Inlet Nozzle		T 0.622	N 0.620	B 0.610	S 0.634

Recommendations

Service PSV.



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Inspector:

Reviewed By: